

## PUBLICATION LIST: JOSEF FLAMMER

Last update: February 2011

1. J. Flammer, H. Erpen: Der sympathische lumbale Grenzstrang des Menschen, eine licht- und elektronenmikroskopische Untersuchung. Diss. Universität Bern (1975)
2. A. Bischoff, J. Flammer, H. Erpen: Veränderungen am sympathischen Grenzstrang beim Diabetes mellitus. In: K. Jellinger (Hrsg.): Aktuelle Probleme der Neuropathologie, Band 3, 32-41 (1976)
3. R. De Chatel, P. Weidmann, J. Flammer, W.H. Ziegler, C. Beretta-Piccoli, C. Vetter, F.C. Reubi: Systemische Analyse verschiedener blutdruckregulierender Faktoren beim Diabetes mellitus. Schweiz Med Wschr 107:1872-1874 (1977).
4. H.A. Schwarz, P. Weidmann, F.H. Messerli, P.K. Zia, J. Flammer, F.C. Reubi: Erhöhte renale Prostaglandin E2-Sekretion beim Barter-Syndrom. Schweiz Med Wschr 107:1870-1872 (1977)
5. R. De Chatel, P. Weidmann, J. Flammer, W.H. Ziegler, C. Beretta-Piccoli, W. Vetter, F.C. Reubi: Sodium, renin, aldosterone catecholamines and blood pressure in diabetes mellitus. Kidney International 12, 412-421 (1977)
6. P. Weidmann, G. Keusch, J. Flammer, W.H. Ziegler, F.C. Reubi: Bedeutung von Noradrenalin bei der Pathogenese der essentiellen Hypertonie. Schweiz Med Wschr 108:1974-1976 (1978)
7. P. Weidmann, R. De Chatel, W.H. Ziegler, J. Flammer, F.C. Reubi: Alpha and beta adrenergic blockade with orally administered labetalol in hypertension. - Studies on blood volume, plasma renin and aldosterone and catecholamine excretion. Am J Cardiol 41:570-576 (1978).
8. H.A. Schwarz, P. Weidmann, F.H. Messerli, P.K. Zia, J. Flammer, F.C. Reubi: Increased levels of renal venous and peripheral prostaglandine E-like activity in Bartter's syndrom. Mineral and Electrolyte Metab 1: 288-294 (1978)
9. Z. Glück, G. Baumgartner, P. Weidmann, C. Bachmann, R. Mordasini, J. Flammer, G. Keusch: Increased ratio between serumbeta- and alpha-lipoproteins during diuretic therapy: an adverse effect? Clin Sci Mol Med 55:325-328 (1978)
10. J. Flammer, P. Weidmann, Z. Glück, W.H. Ziegler: Cardiovascular and endocrine profile of adrenergic neuron blockade in normal and hypertensive man. Am J Med 66:34-42 (1979)
11. Z. Glück, H. Boll, P. Weidmann, J. Flammer, W.H. Ziegler: Evaluation of autonomic neuropathy in diabetes mellitus. Klin Wschr 57:457-466 (1979)
12. P. Weidmann, G. Keusch, J. Flammer, W.H. Ziegler: Increased ratio between changes in blood pressure and plasma norepinephrine in essential hypertension. J Clin Endocrinol Metab 48:727-731 (1979)
13. C. Beretta-Piccoli, P. Weidmann, J. Flammer, Z. Glück, C. Bachmann: Effects of standard oral glucose loading on the renin-angiotensin/aldosterone system and its relationship to circulating insulin. Klin Wschr 58:467-474 (1980)
14. J. Flammer, D. Barth: Kardiovaskuläre Effekte bei lokal appliziertem Timolol. Klin Mbl Augenheilk 176:561-565 (1980)
15. H.P. Graf, J. Flammer: Asthenopie in der Praxis: Eine vergleichende Untersuchung von Beschwerden, Befunden und Heilungserfolgen asthenoper Patienten. Klin Mbl Augenheilk 176:577-582 (1980)
16. P. Niesel, J. Flammer: Correlations between intraocular pressure, visual field and acuity, based on 11 years observations of treated chronic glaucomas. Int Ophthalmol 3:31-35 (1980)
17. J. Flammer, G. Nagel, A. Glowazki, H.R. Moser, F. Fankhauser: Detection and definition of scotomata of the central visual field by computer methods. Doc Ophthalmol Proc Series 26:33-41 (1981)
18. A. Vonwil, M. Landolt, J. Flammer, H. Bachofen: Bronchokonstriktive Nebenwirkungen von Timolol-Augentropfen bei Patienten mit obstruktiven Lungenerkrankungen. Schweiz Med Wschr 111:665-669 (1981)
19. O. Meienberg, J. Flammer, H.P. Ludin: Subclinical visual field defects in multiple sclerosis. J Neurol 227:125-133 (1982)
20. J. Flammer, E. Eppler, P. Niesel: Die quantitative Perimetrie beim Glaukompatienten ohne lokale Gesichtsfelddefekte. Graefe's Arch Clin Exp Ophthalmol 219:92-94 (1982)
21. J. Flammer, S.M. Drance, A. Jenni, H. Bebié: JO and STATJO: programs for investigating the visual field with the Octopus automatic perimeter. Can J Ophthalmol 18:115-117 (1983)
22. A. Jenni, J. Flammer, A. Funkhouser, F. Fankhauser: Special Octopus software for clinical investigation. Doc Ophthalmol Proc Series 35: 351-356 (1983)
23. J. Flammer, S.M. Drance: The effect of a number of glaucoma medications on the differential light threshold. Doc Ophthalmol Proc Series 35:145-148 (1983)
24. J. Flammer, S.M. Drance, M. Schulzer: The estimation and testing of the components of long-term fluctuation of the differential light threshold. Doc Ophthalmol Proc Series 35:383-389 (1983)
25. J. Flammer, S.M. Drance: The effect of Acetazolamide on the differential threshold. Arch Ophthalmol 101:1378-1380 (1983)

26. J. Flammer, S.M. Drance: Reversibility of a glaucomatous visual field defect after Acetazolamide therapy. *Can J Ophthalmol* 18:139-141 (1983)
27. J. Flammer, S.M. Drance: Correlation between colour vision scores and quantitative perimetry in glaucoma suspects. *Arch Ophthalmol* 102: 38-39 (1984)
28. J. Flammer, S.M. Drance, M. Zulauf: Differential light threshold. Short- and long-term fluctuation in patients with glaucoma, normal controls and patients with suspected glaucoma. *Arch Ophthalmol* 102:704-706 (1984)
29. J. Flammer, S.M. Drance, M. Schulzer: Covariates of the long-term fluctuation of the differential light threshold. *Arch Ophthalmol* 102: 880-882 (1984)
30. J. Flammer: Diffuse visual field damage in glaucoma. In: Ticho, U. und David, R. (Eds.): *Recent advances in glaucoma. Excerpta Medica, International Congress Series 636:9-12* (1984).
31. J. Flammer: Bedeutung des Gesichtsfeldes bei der okulären Hypertension im Rahmen der verschiedenen psychophysiologischen Tests. In: Krieglstein, G.K. und Leydhecker, W. (Hrsg.): *Okuläre Hypertension. Kaden Verlag, Heidelberg 81-82* (1984).
32. J. Flammer: Vermehrte Fluktuation der perimetrischen Untersuchungsergebnisse bei okulärer Hypertension. In: Krieglstein, G.K. und Leydhecker, W. (Hrsg.): *Okuläre Hypertension. Kaden Verlag, Heidelberg 79-80* (1984).
33. J. Flammer, S.M. Drance, F. Fankhauser, L. Augustiny: The differential light threshold in automatic static perimetry. Factors influencing short-term fluctuation. *Arch Ophthalmol* 102:876-879 (1984)
34. J. Flammer, P. Niesel: Die Reproduzierbarkeit perimetrischer Untersuchungsergebnisse. *Klin Mbl Augenheilk* 184:374-376 (1984)
35. M. Zulauf, J. Flammer, A. Chrenkova, C. Signer, W. Lotmar, N. Wetterwald: Der Einfluss der Streifenrichtung von Interferenzmustern auf die Kontrastempfindlichkeit bei weissem und farbigem Licht. *Klin Mbl Augenheilk* 184:394-396 (1984)
36. S.M. Drance, J. Flammer: Some effects of antiglaucoma drugs on visual function. In: Drance, S.M. und Neufeld, A.H. (Eds.): *Glaucoma: applied pharmacology in medical treatment. Grune and Stratton, Orlando 569-576* (1984)
37. J. Flammer: Einsatz und Gefahren der Beta-Blocker. *Therapeutische Umschau* 42:251-254 (1984)
38. J. Flammer: The Octopus glaucoma program G1. *Proceedings of the Third Octopus Users' Society Meeting, Interzeag Schlieren* 25 (1984)
39. J. Flammer, S.M. Drance, L. Augustiny, A. Funkhouser: Quantification of glaucomatous visual field defects with automated perimetry. *Invest Ophthalmol Vis Sci* 26:176-181 (1985)
40. J. Flammer, S.M. Drance, L. Augustiny, A. Funkhouser: Quantification of glaucomatous visual field defects with automated perimetry. *Chibret Internat J of Ophthalmol* 3:2-9 (1985)
41. J. Flammer: Sinnesphysiologische Untersuchungen (ausser der Perimetrie) beim Glaukom. *Z für prakt Augenheilk* 6:350-352 (1985)
42. J. Flammer, M. Zulauf: The frequency distribution of the deviations in static perimetry. *Doc Ophthalmol Proc Series* 42:17-24 (1985)
43. O. Meienberg, H. Mattle, A. Jenni, J. Flammer: Quantitative versus semiquantitative perimetry in neurological disorders. *Doc Ophthalmol Proc Series* 42:233-237 (1985)
44. L. Augustiny, J. Flammer: The influence of artificially induced visual field defects on the visual field indices. *Doc Ophthalmol Proc Series* 42:55-67 (1985)
45. J. Flammer: Fluctuations in the visual field. In: Drance, S.M. und Anderson, D.R. (Hrsg.): *Automated perimetry in glaucoma. Grune and Stratton, Orlando 161-173* (1985)
46. J. Flammer: Psychophysics in glaucoma. A modified concept of the disease. In: E.L. Greve, W. Leydhecker und C. Raitta (Eds.): *Proceedings of the European Glaucoma Society, Second European Glaucoma Symposium, Helsinki 1984. Dr. W. Junk Publishers, Dordrecht, 11-17* (1985)
47. J. Flammer: Fluctuations in computerized perimetry. In: Whalen, W.R. und Spaeth, G.L. (Eds.): *Computerized visual fields. Slack, Inc., Thorofare, N.J. 45-58* (1985)
48. J. Flammer: Normal values in computerized perimetry. In: Whalen, W.R. und Spaeth, G.L. (Eds.): *Computerized visual fields. Slack, Inc., Thorofare, N.J. 159-164* (1985)
49. A. Haas, J. Flammer: Influence of diazepam on the outcome of automated perimetry. Heijl, A. and Greve, E.L. (Eds.), *Proceedings of the 6th Int. Visual Field Symposium, 1985, Dr. W. Junk Publishers, Dordrecht, ISBN 90-6193-524-5* (1986)
50. A. Haas, J. Flammer, U. Schneider: Influence of age on the visual fields of normal subjects. *Am J Ophthalmol* 101:199-203 (1986)

51. P. Gasser, J. Flammer: Optic neuropathy of Graves' disease. *Ophthalmologia* 192:22-27 (1986)
52. P. Gasser, J. Flammer, U. Guthauser, P. Niesel, F. Mahler, H.R. Linder: Bedeutung des Vasospastischen Syndroms in der Augenheilkunde. *Klin Mbl Augenheilk* 188:398-399 (1986)
53. U. Guthauser, J. Flammer, W. Lothmar, P. Niesel: Einfluss der Katarakt auf das Gesichtsfeld. *Klin Mbl Augenheilk* 188:409-411 (1986)
54. J. Flammer, P. Gasser, S. Shaw, U. Guthauser, P. Weidmann: Intraokuläre Katecholaminkonzentrationen. *Klin Mbl Augenheilk* 188:503-504 (1986)
55. R. Eschmann, J. Flammer: Die retinale Sehschärfe bei Keratokonuspatienten. *Klin Mbl Augenheilk* 188:367-369 (1986)
56. R. Eschmann, J. Flammer: Erscheinungsformen des Keratokonus. *Klin Mbl Augenheilk* 188:537-541 (1986)
57. M. Zulauf, J. Flammer, C. Signer: The influence of alcohol on the outcome of automated perimetry. *Graefe's Arch Clin Exp Ophthalmol* 224:525-528 (1986)
58. J. Flammer, R. Etienne: The effect of beta-blockers on differential light sensitivity. Preliminary results. *Proceedings of the Japanese Association for Research in Glaucoma*. 51-53 (1986)
59. U. Guthauser, J. Flammer, P. Niesel: Relationship between the visual field and the optic nerve head in glaucomas. *Graefe's Arch Clin Exp Ophthalmol* 225:129-132 (1986)
60. J. Flammer: Theoretische Grundlagen der automatischen Perimetrie. In: Gloor, B. (Hrsg.): *Automatische Perimetrie, Bücherei des Augenarztes, Band 110, Enke Verlag, Stuttgart*. 1-31 (1987)
61. J. Flammer: The concept of visual field indices. *Graefe's Arch Clin Exp Ophthalmol* 224:389-392 (1987)
62. J. Flammer, A. Jenni, H. Bebié, B. Keller: The Octopus glaucoma G1 program, *Glaucoma* 9:67-72 (1987)
63. J. Flammer, Y. Robert, B. Gloor: The influence of pindolol and timolol treatment on the visual fields of glaucoma patients. *J Ocul Pharmacol* 2:305-311 (1987)
- 64a) J. Flammer: Les caractéristiques du champ visuel glaucomateux. In: Béchetoille, A.: *Le glaucome, Japprenard, Angers* 130-131 (1987)
- 64b) J. Flammer: Perimetrische Frühveränderungen beim Glaukom: Z für prakt Augenheilkd: 8:385-387 (1987)
65. P. Gasser, J. Flammer: Influence of vasospasm on visual function. *Doc Ophthalmol* 66:3-18 (1987)
66. A. Glowazki, J. Flammer: Is there a difference between glaucoma patients with rather localized visual field damage and patients with more diffuse visual field damage? In Greve E.L., Heijl A. (Eds.) *7th International Visual Field Symposium Dr. W. Junk Publisher, Dordrecht* 317-320 (1987)
67. J. Flammer, U. Guthauser, F. Mahler: Do ocular vasospasms help cause low-tension glaucoma? *Doc Ophthalmol Proc Series* 49:397-399 (1987)
68. U. Guthauser, J. Flammer, P. Niesel: The relationship between cataract density and visual field damage. In Greve E.L., Heijl A. (Eds.) *7th International Visual Field Symposium, Dr. W. Junk Publisher, Dordrecht* 39-41 (1987)
69. F. Jenni, J. Flammer: Experience with the reliability parameter of the Octopus automated perimeter. *Doc Ophthalmol Proc Series* 49:601-603 (1987)
70. Ch. Rutishauser, J. Flammer: Selective retests in automated perimetry. An experimental study for the evaluation of the effects of the regression to the mean. *Doc Ophthalmol Proc Series* 49:629-632 (1987)
71. J. Flammer, U. Guthauser: Behandlung chorioidaler Vasospasmen mit Kalziumantagonisten. *Klin Mbl Augenheilk* 190:299-300 (1987)
72. A. Glowazki, J. Flammer: Kriterien für die Programmwahl bei der automatischen Perimetrie. In: Gloor B. (Hrsg.): *Automatische Perimetrie. Bücherei des Augenarztes, Band 110, Enke Verlag, Stuttgart*, 136-156 (1987)
73. A. Glowazki, J. Flammer: Besteht ein Unterschied bei Patienten mit eher lokalisiertem und solchen mit eher diffusem Gesichtsfeldschaden. *Klin Mbl Augenheilk* 190:301-302 (1987)
74. M. Zulauf, J. Flammer, D. Petrovic: Korrelation von Kontrastempfindlichkeit und Gesichtsfeld bei Glaukompatienten. *Erste Resultate. Klin Mbl Augenheilk* 190:303-304 (1987)
75. J. Flammer: Das Glaukomgesichtsfeld. *Augenärztliche Fortbildung* 10: 103-108 (1987)
76. J. Flammer: The visual field defects in glaucoma. *Brit J Clinical Practice* 41(6): 45-49 (1987)
77. P. Gasser, J. Flammer: Le syndrome vasospastique à la lumière des perturbations circulatoires oculaires. *Médecine et Hygiène* 45:1952-1954 (1987)
78. J. Flammer: Lasertherapie und Glaukom. *Therapeutische Umschau* 44: 283-287 (1987)

79. J. Flammer, H. Bebié: Lens opacity meter: A new instrument to quantify the lens opacity. *Ophthalmologia* 195:69-72 (1987)
80. J. Flammer, H. Bebie: Influence of age on quantitative perimetry. *Arch Ophthalmol* 105:24 (1987)
81. H. Saner, H. Würbel, F. Mahler, J. Flammer and P. Gasser: Microvasculatory Evaluation of Vasospastic Syndromes. *Arch Exp Med Biol*, 220: 215-218 (1987)
82. C. Rutishauser, J. Flammer: Retests in static perimetry. *Graefe's Arch Clin Exp Ophthalmol* 226:75-77 (1988)
83. M. Zulauf, J. Flammer, C. Signer: Spatial Brightness Contrast Sensitivity Measured with White, Green, Red, and Blue Light. *Ophthalmologia* 196:43-48 (1988)
84. P. Gasser, J. Flammer, F. Mahler: Der Einsatz von Calciumantagonisten bei der Behandlung okulärer Durchblutungsstörungen im Rahmen des vasospastischen Syndroms. *Schweiz Med Wschr* 118:201-202 (1988)
85. M. Zulauf, J. Flammer: Der Einfluss von Enalapril auf den intraokulären Druck: widersprüchliche Pilotstudien? *Klin Mbl Augenheilk* 192:609-612 (1988)
86. U. Guthauser, J. Flammer, F. Mahler: The relationship between digital and ocular vasospasm. *Graefe's Arch Clin Exp Ophthalmol* 226: 224-226 (1988)
- 87a) R. De Natale, J. Flammer, M. Zulauf, T. Bebié: Influence of age on the transparency of the lens in normals: A population study with help of the lens opacity meter 701. *Ophthalmologia* 197:14-18 (1988)
- 87b) R. De Natale, J. Flammer, M. Zulauf: Opacity of the Lens in a Normal Population. In: Hockwin O., Sasaki K., Leske M.C. (Eds.): Risk factors for cataract development. *Dev Ophthalmol* 17:52-54 (1989)
88. U. Guthauser, J. Flammer: Quantifying visual field damage caused by cataract. *Am J Ophthalmol* 106:480-484 (1988)
89. M. Zulauf, J. Flammer, C. Signer: Short-term influence of alcohol on spatial brightness contrast sensitivity. *Ophthalmologia* 197:159-165 (1988)
90. F. Fankhauser, H. Bebie, J. Flammer: Threshold fluctuations in the Humphrey Field Analyzer and in the Octopus automated perimeter. *Invest Ophthalmol Vis Sci* 29: 1466 (1988)
91. H. Bebié, J. Flammer, Th. Bebié: The cumulative defect curve: separation of local and diffuse components of visual field damage. *Graefe's Arch Clin Exp Ophthalmol* 227:9-12 (1989)
92. J. Flammer: Glaukom in Frage und Antwort: In Kriegelstein, G.K. (Hrsg.) Kaden Verlag, Heidelberg (1989)
93. I. Haefliger, J. Flammer: Increase of the short-term fluctuation of the differential light threshold around a physiologic scotoma. *Am J Ophthalmol* 107:417-420 (1989)
94. P.A. Rabineau, J. Flammer: Fehlerquellen in der automatisierten statischen Perimetrie. *Klin Mbl Augenheilk* 194:307-319 (1989)
95. H. Kaufmann, J. Flammer: Graphische und numerische Befunddarstellung von Gesichtsfeldern. *Klin Mbl Augenheilk* 194:322-324 (1989)
96. R. De Natale, J. Flammer: The relationship between the lens opacity meter 701 readings and the visual field. In: Heijl A.: *Perimetry Update 88/89*. 455-457. Kugler & Ghedini, Amstelveen (1989)
97. M. Zulauf, J. Flammer: Visual field indices and their correlation with static contrast sensitivity in glaucoma. In: Heijl A.: *Perimetry Update 88/89*. 303. Kugler & Ghedini, (1989)
98. H. Kaufmann, J. Flammer: Clinical experience with the Bebié-curve. In: Heijl A.: *Perimetry Update 88/89*. 235-238. Kugler & Ghedini, Amstelveen (1989)
99. Ch. Prünthe, J. Flammer: Choroidal angiography findings in patients with glaucoma-like visual field defects. In: Heijl A.: *Perimetry Update 88/89*, 325-327. Kugler & Ghedini, Amstelveen (1989)
100. F. Mahler, H. Saner, H. Würbel, J. Flammer: Local cooling test for clinical capillaroscopy in Raynaud's phenomenon, unstable angina, and vasospastic visual disorders. *VASA: Z für Gefässkrankh* 18:201-204 (1989)
101. P. Gasser, J. Flammer, F. Mahler: Is the evidence of vasospasms in the eye the expression of a generalized vasospastic disorder ? In: Elsevier Science Publisher B.V., *Advances in Vascular Pathology* 1215-1220 (1989)
102. P. Gasser, J. Flammer: Die dynamisch-video-kapillarmikroskopische Beeinflussung akraler und okulärer Vasospasmen durch Kalzium- und Serotoninantagonisten. *VASA: J Vasc Dis, Suppl.* 27:79-81 (1989)
103. H. Kaufmann, J. Flammer: Das Octopus-Programm G1 als Glaukomprogramm: *Augenärztliche Fortbildung* 12:143-149 (1989)
104. C. Rutishauser, J. Flammer, A. Haas: The distribution of normal values in automated perimetry: *Graefe's Arch Clin Exp Ophthalmol* 227:513-517 (1989)

105. H. Kaufmann, J. Flammer: Die Bebié-Kurve (kumulative Defektkurve) zur Differenzierung von lokalen und diffusen Gesichtsfelddefekten. *Fortschr Ophthalmol* 86:687-691 (1989)
106. K. Yao, J. Flammer: New advances in automated perimetry. *J Foreign Med (Ophthalmology, in Chinese)* 5:300-305 (1989)
107. H. Kaufmann, J. Flammer, Ch. Rutishauser: Evaluation of visual fields by ophthalmologists and by the Octosmart program. *Ophthalmologia* 201: 104-109 (1990)
108. S.L. Franklin, J. Flammer, R. De Natale, Ch. Rutishauser: The transparency of the lens: a comparison between diabetic and non-diabetic patients. *Int Ophthalmol* 14:73-76 (1990)
109. J. Flammer: Automatische Perimetrie. *Therapeutische Umschau* 47: 298-302 (1990)
110. J. Flammer: Normaldruckglaukom. *Fortschr Ophthalmol* 87:187-189 (1990)
111. J. Flammer: Vasospasm as a potential factor in the pathogenesis of normal tension glaucoma. In: A. Béchetoille: *Glaucome à pression normale. Normal Pressure Glaucomas*. Japperenard, Angers, 187-194 (1990)
112. J. Flammer: Visual field defects in high-tension and normal-tension glaucoma. In: A. Béchetoille: *Glaucome à pression normale. Normal Pressure Glaucomas*. Japperenard, Angers, 163-166 (1990)
113. Ch. Messmer, K. Yao, H. Bebié, D. Stümpfig, J. Flammer: Opacity Lens Meter 701 (OLM): Klinische Erfahrungen. *Klin Mbl Augenheilk* 196: 310-311 (1990)
114. F. Fankhauser, J. Flammer: Puptrak 1.0 - A new semiautomated system for pupillometry with the Octopus perimeter: a preliminary report. *Doc Ophthalmol* 73:235-248 (1990)
115. P.J.M. Bucher, J. Flammer: Praktische Fragen zur Staroperation. *Schweiz Rundschau Med (PRAXIS)* 79:153-154 (1990)
116. P. Gasser, J. Flammer, U. Guthauser, F. Mahler: Do vasospasms provoke ocular diseases? *Angiology* 41:213-219 (1990)
117. P.J.M. Bucher, J. Flammer: Das OCTOPUS Programm G1 für die Gesichtsfelduntersuchung beim Glaukom. *Oculus* 1:12 (1990)
118. P. Gasser, J. Flammer: Short- and long-term effect of Nifedipine on the visual field in patients with presumed vasospasm. *J Int Med Res* 18: 334-339 (1990)
119. J. Flammer: Neigung zu vasospastischen Reaktionen bei Patienten mit Glaukom und glaukomähnlichen Erkrankungen. In: Stodtmeister R. und Pillunat L.E. (Hrsg.): *Mikrozirkulation in Gehirn und Sinnesorganen*. Enke Verlag, Stuttgart 84-87 (1990)
120. K. Yao, M. Tschudi, J. Flammer, Th. Lüscher: Endothelium-dependent regulation of vascular tone of the porcine ophthalmic artery. *Invest Ophthalmol Vis Sci* 32:1791-1798 (1991)
121. Ch. Messmer, J. Flammer, H. Bebié: Octopus program G1X. In: Mills R.P. and Heijl A. (Eds.): *Perimetry Update 1990/91*, 365. Kugler Publications, Amstelveen (1991)
122. J. Flammer, Ch. Prünzte: Okulärer Vasospasmus, Teil 1, Funktionelle Durchblutungsstörungen im visuellen System, eine Arbeitshypothese. *Klin Mbl Augenheilk* 198:411-412 (1991)
123. A. Prünzte-Glowazki, J. Flammer: Okulärer Vasospasmus, Teil 4, Klinische Beispiele. *Klin Mbl Augenheilk* 198:415-418 (1991).
124. Ch. Messmer, D. Stümpfig, J. Flammer: Einfluss von Betaxolol und Timolol auf das Gesichtsfeld bei Glaukompatienten. *Klin Mbl Augenheilk* 198:330-331 (1991)
125. H.J. Kaiser, J. Flammer: Contemporary clinical evaluation of the visual fields in glaucoma. In: J. Caprioli: *Contemporary Issues in Glaucoma of Ophthalmology Clinics of North America* 4:659-669 (1991)
126. P. Gasser, J. Flammer: Blood-cell velocity in the nailfold capillaries of patients with normal-tension or high-tension glaucoma and of healthy controls. *Am J Ophthalmol* 111:585-588 (1991)
127. G. Marra, J. Flammer: The learning and fatigue effect in automated perimetry. *Graefes Arch Clin Exp Ophthalmol* 229:501-504 (1991)
128. K. Oggel, J. Flammer, K. Schott, E. Schütte, P.J. Airaksinen, F. Grehn: Was ist zu tun bei Katarakt kombiniert mit nicht einstellbarem Glaukom? *Ophthalmol-Chirurgie* 3:45-49 (1991)
129. H.J. Kaiser, J. Flammer: Systemic Hypotension: A risk factor for glaucomatous damage. *Ophthalmologia* 203:105-108 (1991)
130. J. Flammer: Glaucoma a tensione normale. *Boll Oculist, Suppl* 2: 29-34 (1991)
131. W. Bernauer, J. Flammer: Neue Aspekte bei der intraokularen Entzündung. *Schweiz Rundschau Med (PRAXIS)* 80(22):597-598 (1991)
132. I.O. Haefliger, J. Flammer: Fluctuation of the differential light threshold at the border of absolute scotomas. Comparison between glaucomatous visual field defects and blind spots. *Ophthalmol* 98:1529-1532 (1991)

133. Ch. Messmer, J. Flammer, D. Stümpfig: Influence of betaxolol and timolol on the visual fields of patients with glaucoma. *Am J Ophthalmol* 112:678-681 (1991)
134. Ch. Messmer, J. Flammer: Octopus Program G1X. *Ophthalmologia* 203: 184-188 (1991)
135. H.J. Kaiser, J. Flammer: *Gesichtsfeldatlas*, Buser Druck, Basel (1991). Englische Übersetzung 1992, Spanische Übersetzung 1993
136. J. Flammer, P. Gasser, Ch. Prünke, K. Yao: The Probable Involvement of Factors Other Than Ocular Pressure in the Pathogenesis of Glaucoma. In: Drance S.M., Buskirk Van E.M. and Neufeld A.H. (Eds.): *Pharmacology of Glaucoma*, Williams and Wilkins, Baltimore, 273-283 (1992)
137. R. De Natale, J. Flammer: Lens opacity: A population study. *Int Ophthalmol* 16:1-5 (1992)
138. H.J. Kaiser, J. Flammer, D. Stümpfig: Die Bedeutung des peripheren Gesichtsfeldes für die Glaukomdiagnostik. *Klin Mbl Augenheilk* 200, 17-20 (1992)
139. I.O. Haefliger, J. Flammer, T.F. Lüscher: Nitric Oxide and Endothelin-1 are important regulators of human ophthalmic Artery. *Invest Ophthalmol Vis Sci* 33:2340-2343 (1992)
140. A. Funkhouser, J. Flammer, F. Fankhauser, H.P. Hirsbrunner: A comparison of five methods for estimating general glaucomatous visual field depression. *Graefe's Arch Clin Exp Ophthalmol* 230:101-106 (1992)
141. H.J. Kaiser, J. Flammer: Die Cupolafreie Computer-Perimetrie. *Spektrum Augenheilkd* 6/2:53-56 (1992)
142. Ch. Messmer, J. Flammer and D. Stümpfig: Double-Masked Visual Field Study: Betaxolol Versus Timolol. In: St.M. Drance: *International Symposium on glaucoma, Ocular Blood Flow and Drug Treatment*. Williams & Wilkins, (Eds.) 130-135 (1992)
143. H.J. Kaiser, J. Flammer, P. Jordan: The Importance of the Peripheral Visual Field for the Diagnosis of Glaucoma. *New Trends in Ophthalmology* 2: 161-163 (1992)
144. J. Flammer, Y. Kitazawa, L. Bonomi, B. Mills, M. Fsadni, M.T. Dorigo, S. Shirato, B. Journel, B. Chauvy, B. Chevallier, F. Guillou, F. Valtot, Ch. Prünke: Influence of Carteolol and Timolol on IOP and visual fields in glaucoma: a multi-center, double-masked, prospective study. *Eur J Ophthalmol* 2: 169-174 (1992)
145. H.J. Kaiser, P. Gasser, A. Lietz und J. Flammer: Das Gesichtsfeld bei Patienten mit arterieller Hypertonie. *Spektrum Augenheilkd* 6/3: 131-133 (1992)
146. H.J. Kaiser, J. Flammer, G. Miller: Chronic light damage to the macula of an endoscopist: *Gastrointestinal Endoscopy* 38: 401-402 (1992)
147. H.J. Kaiser, J. Flammer, Ch. Messmer, D. Stümpfig, Ph. Hendrickson: Thirty-Month Visual Field Follow-up of Glaucoma Patients Treated with Betablockers. *J Glaucoma* 1:153-155 (1992)
148. D.A. Tsakiris, R. Osusky, H.J. Kaiser, R. Müri, J. Flammer, G.A. Marbet: Lupus anticoagulans/anticardiolipin antibodies in patients with normal tension glaucoma. *Blood Coag and Fibrinolysis* 3: 541-545 (1992)
149. J. Flammer: Psychophysical Mechanisms and Treatment of Vasospastic Disorders in Normal-Tension Glaucoma. *Bull belge Ophthalmol* 244:129-134. *Proceeding of the international Glaucoma Symposium, Brussels* (1992)
150. J. Flammer: Funktionelle Durchblutungsstörungen: Vasospasmen im visuellen System. *Internistische Praxis* 1: 19-24 (1993)
151. J. Flammer, Ph. Hendrickson, A. Lietz, D. Stümpfig: Swivel Arm Perimeter for Visual Field Testing in Different Body Positions. *Ophthalmologia* 206: 15-17 (1993)
152. Th. Graf, D. Stümpfig, J. Flammer: Do Beta-Blockers Cause Vasospasm? *Ophthalmologia* 206: 45-50 (1993)
153. Yao Ke, J. Flammer, Ph. Hendrickson: Influence of pupil size on opacity lens meter (701) measurements: *Clin Vision Sci* 8: 109-111 (1993)
154. M. Zulauf, J. Flammer: Correlation of spatial contrast sensitivity and visual fields in glaucoma. *Graefe's Arch* 231:146-150 (1993)
155. I.O. Haefliger, J. Flammer, Th. Lüscher: Heterogeneity of Endothelium-Dependent Regulation in Ophthalmic and Ciliary Arteries. *Invest Ophthalmol Vis Sci* 34, 5:1722-1730 (1993)
156. J. Flammer: Therapeutic aspects of normal-tension glaucoma. *Cur Opin Ophthalmol* 4,II:58-64 (1993)
157. H.J. Kaiser, J. Flammer, D. Burckhardt: Silent Myocardial Ischemia in Glaucoma Patients. *Ophthalmol* 207, 6-8 (1993)
158. J. Flammer, J. Collignon-Brach, P. Demailly, A. Graves: Long-term visual field follow-up in betaxolol- and timolol-treated patients. *Perimetry Update* 92/93, 137-142. *Proceedings Xth Int Perimetric Society Meeting, Kyoto*, (1992)

- 158 b) J. Flammer, J. Collignon-Brach, P. Demailly, A. Graves: Urmarire pe termen lung a câmpului vizual la pacientii tratati cu betaxolol si timolol (Romanian) *Oftalmologia* 42:77-82 (1998 translated from paper nr 158)
159. J. Flammer, Gasser P.: Funktionelle Durchblutungsstörungen (Vasospasmen) im visuellen System. *Chirurgische Praxis* 46, 577-582 (1993)
160. P. Meyer, J. Flammer, T.F. Lüscher: Local Anesthetic Drugs Reduce Endothelium-Dependent Relaxations of Porcine Ciliary Arteries. *Invest Ophthalmol Vis Sci* 9, 2730-2736 (1993)
161. J. Flammer: Patogenesis del dano glaucomatoso. XIV. Congreso Argentino de Oftalmologia, Buenos Aires 1991 (1993)
162. J. Flammer: Automatische Perimetrie: Theoretische Grundlagen. In: B. Gloor: PERIMETRIE mit besonderer Berücksichtigung der Automatischen Perimetrie. Enke Verlag Stuttgart (1993)
163. A. Prünthe-Glowazki, J. Flammer: Automatische Perimetrie: Programmwahl mit dem Octopus. In: B. Gloor: PERIMETRIE mit besonderer Berücksichtigung der Automatischen Perimetrie. Enke Verlag Stuttgart (1993)
164. K. Yao, J. Flammer: Relationship cataract density and visual field damage. *Europ J Ophthalmol* 1:1-5 (1993)
165. H.J. Kaiser, J. Flammer, P. Gasser: Ocular vasospasm in children. *Neuro-ophthalmology* 13, 263-267 (1993)
166. H.J. Kaiser, J. Flammer, Th. Graf, D. Stümpfig: Systemic blood pressure in glaucoma patients. *Graefe's Arch Clin Exp Ophthalmol* 231:677-680 (1993)
167. Th. Graf, J. Flammer, Ch. Prünthe, Ph Hendrickson: Gliosis-like Retinal Alterations in Glaucoma Patients: *J Glaucoma* 2:257-259 (1993)
168. P. Meyer, J. Flammer, T.F. Lüscher: Endothelium-Dependent Regulation of the Ophthalmic Microcirculation in Perfused Porcine Eye: Role of Nitric Oxide and Endothelins: *Invest Ophthalmol Vis Sci* 34:3614-3621 (1993)
169. K.F. Hampl, St.C. Marsch, M. Schneider, J. Flammer: Vasovagal Heart Block Following Cataract Surgery Under Local Anesthesia: *Ophthalmic Surgery* 24: 422-424 (1993)
170. I.O. Haefliger, J. Flammer, T.F. Lüscher: In: Migraine:basic mechanisms and treatment, proceedings of the int Symposium Migraine, Münster 1992. Ed. by Urban & Schwarzenberg: Endothelium-derived Factors as Local Modulators of the Vascular Tone: Implications in the Ophthalmic and Cerebral Circulation (1993)
171. P. Schneider, J. Flammer, Ph. Hendrickson: Does glaucoma surgery accelerate cataract development? A clinical study with the opacity lensmeter (701). *Glaucoma* 16:6-11 (1994)
172. H.J. Kaiser, J. Flammer, P.J. Bucher, R.De Natale, D. Stümpfig, Ph. Hendrickson: High-Resolution Perimetry of the Central Visual Field: *Ophthalmologia* 208:10-14 (1994)
173. A.Z. Gaspar, J. Flammer, Ph. Hendrickson: Influence of nifedipine on the visual fields of patients with optic-nerve-head diseases. *Europ J Ophthalmol* 1:24-28 (1994)
174. H.J. Kaiser, H. Bebie, Ph. Hendrickson, J. Flammer: OCTOPUS 1-2-3-: the cupola-free perimeter: *New Trends in Ophthalmol* IX:5-8 (1994)
175. S. Orgül, Ph. Hendrickson, J. Flammer: Anterior Chamber Depth and Pigment Dispersion Syndrome. *Am J Ophthalmol* 117:575-577 (1994)
176. S.Orgül, J. Flammer: Moderate exertion lasting only seconds reduces intraocular pressure. *Graefe's Arch Clin Exp Ophthalmol* 232:262-264 (1994)
177. S. Orgül, A.Z. Gaspar, Ph. Hendrickson, J. Flammer: Comparison of the Severity of Normal-Tension Glaucoma in Men and Women. *Ophthalmologia* 208:142-144 (1994)
178. A.Z. Gaspar, S. Orgül, J. Flammer: Erfahrungen mit Mitomycin C: *Klin Monatsbl Augenheilkd* 204: 295-297 (1994)
179. A.Z. Gaspar, J. Flammer, Ph. Hendrickson: Factors Influencing the Duration of a Perimetric Test. *Glaucoma* 16: 40-43 (1994)
180. S. Orgül, J. Flammer: Optic-disc hemorrhages: *Neuro-ophthalmology* 14:97-101 (1994)
181. J. Flammer: The Vascular Concept of Glaucoma. *Surv Ophthalmol*, 38:3-6 (1994)
182. H.J. Kaiser, J. Flammer, D. Stümpfig, Ph. Hendrickson: Longterm Visual Field Follow-up of Glaucoma Patients Treated with Beta-blockers. *Surv Ophthalmol* 38, 156-160 (1994)
183. M. Zulauf, J. Flammer, R.P. LeBlanc: Normal visual fields measured with Octopus-Program G1. I. Differential light sensitivity at individual test locations: *Graefe's Arch Clin Exp Ophthalmol* 232:509-515 (1994)
184. M. Zulauf, R.P. LeBlanc, J. Flammer: Normal visual fields measured with Octopus-Program G1.II. Global visual field indices: *Graefe's Arch Clin Exp Ophthalmol* 232:516-522 (1994)

185. I.O. Haefliger, P. Meyer, J. Flammer, T.F. Lüscher: The Vascular Endothelium as a Regulator of the Ocular Circulation: A New Concept in Ophthalmology? *Surv Ophthalmol* 39:123-132 (1994)
186. S. Orgül, A. Gass, J. Flammer: Optic Disc Cupping in Arteric Anterior Ischemic Optic Neuropathy. *Ophthalmologia* 208: 336-338 (1994)
187. J. Flammer: Therapiekonzept beim Normaldruckglaukom: *Geriatric Praxis* 7: 21-23 (1994)
188. S. Orgül, J. Flammer: Headache in Normal-Tension Glaucoma Patients. *J Glaucoma* 3: 292-295 (1994)
189. S. Orgül, J. Flammer: Interocular visual-field and intraocular-pressure asymmetries in normal-tension glaucoma. *Eur J Ophthalmol* 4:199-201 (1994)
190. R. Osusky, J. Nussberger, C. Amstutz, J. Flammer, H.R. Brunner: Individual measurements of angiotensin II concentrations in aqueous humor of the eye. *Eur J Ophthalmol* 4: 228-233 (1994)
191. A.Z. Gaspar, J. Flammer, Ph. Hendrickson: Influencia de Nifedipina en el campo visual en pacientes con distintas enfermedades de la cabeza del nervio optico. *Archivos de Oftalmologia* 69: 231-235 (994) Translated from: *Eur J Ophthalmol* 1:24-28 (1994)
192. A.Z. Gaspar, P. Gasser, J. Flammer: The Influence of Magnesium on Visual Field and Peripheral Vasospasm in Glaucoma. *Ophthalmologia* 209: 11-13 (1995)
193. Ch. Prünke, J. Flammer, R. Markstein, M. Rudin: Quantification of Optic Nerve Blood Flow Changes Using Magnetic Resonance Imaging. *Invest Ophthalmol Vis Sci* 36, 247-258 (1995)
194. O. Bergamin, S. Turtzchi, A. Schötzau, Ph. Hendrickson, J. Flammer, M. Zulauf: Pupil perimetry with the Octopus 1-2-3: first experience. *Perimetry Update 94/95*, 125-129. Proceedings XIth International Perimetric Society Meeting Washington, D.C., USA (1994)
195. M. Zulauf, P. Fehlmann, J. Flammer: Efficiency of the standard Octopus bracketing procedure compared to that of the "dynamic strategy" of Weber. *Perimetry Update 94/95*, 263-264. Proceedings XI th International Perimetric Society Meeting Washington, D.C., USA (1994)
196. A.Z. Gaspar, J. Flammer, D. Stümpfig: Influence of trabeculectomy with mitomycin C on the visual field. *Perimetry Update 94/95*, 313-316. Proceedings XI th International Perimetric Society Meeting Washington, D.C., USA (1994)
- 197.. I.O. Haefliger, J. Flammer: El glaucoma, es una disfuncion en la circulacion de la cabeza del nervio optico? *Archivos de Oftalmologia de Buenos Aires, Argentina*. 69:236-240 (1994)
198. S. Orgül, J. Flammer: Perilimbal aneurysms of conjunctival vessels in glaucoma patients. *Ger J Ophthalmol* 4:94-96 (1995)
199. P. Meyer, J. Flammer, T.F. Lüscher: Local Action of the Renin Angiotensin System in the Porcine Ophthalmic Circulation: Effects of ACE-Inhibitors and Angiotensin Receptor Antagonists. *Invest Ophthalmol Vis Sci* 36:555-562 (1995).
200. A. Lietz, H.J. Kaiser, D. Stümpfig, J. Flammer: Influence of Posture on the Visual Field in Glaucoma Patients and Controls. *Ophthalmologia* 209:129-131 (1995)
201. P. Meyer, M.G. Lang, J. Flammer, T.F. Lüscher: Effects of Calcium Channel Blockers on the Response to Endothelin-1, Bradykinin and Sodium Nitroprusside in Porcine Ciliary Arteries. *Exp Eye Res* 60: 505-510 (1995)
202. P. Meyer, M. Lang, I.O. Haefliger, J. Messerli, J. Flammer: Glaukombehandlung: Wann braucht der Augenarzt Calcium-antagonisten? *Therapiewoche Schweiz* 11,6: 289-291 (1995)
203. S. Orgül, H.J. Kaiser, J. Flammer, P. Gasser: Systemic blood pressure and capillary blood-cell velocity in glaucoma patients: a preliminary study. *Europ J Ophthalmol*, 2:88-91 (1995)
204. J. Flammer: The role of ocular circulation in the pathogenesis of glaucomatous damage. In: G.K. Krieglstein (Ed.): *Glaucoma Update V*, Kaden Verlag, 81-86 (1995)
205. H.J. Kaiser, J. Flammer, M. Wenk, T.F. Lüscher: Endothelin-1 plasma levels in normal-tension glaucoma: abnormal response to postural changes. *Graefe's Arch Clin Exp Ophthalmol* 233: 484-488 (1995)
206. J. Flammer: Optic Nerve Circulation. In: S.M. Drance (Ed.): *Optic Nerve in Glaucoma*, Kugler Publications 243-245 (1995)
207. T.F. Lüscher, P. Meyer, I.O. Haefliger, J. Flammer: Endothelial Mediators as Regulators of the Ophthalmic Circulation. In: S.M. Drance (Ed.): *Optic Nerve in Glaucoma*, Kugler Publications 259-281 (1995)
208. Ch. Prünke, J. Flammer: the Novel Dopamine D-1 Antagonist and D-2 Agonist, SDZ GLC-756, Lowers Intraocular Pressure in Healthy Human Volunteers and in Patients with Glaucoma. *Ophthalmol* 102: 1291-1297 (1995)
209. S. Orgül, J. Flammer, D. Stümpfig, Ph. Hendrickson: Intraocular pressure decrease after local ocular cooling is underestimated by applanation tonometry. *Int Ophthalmol* 19:95-99 (1995)
210. H.J. Kaiser, J. Flammer, D. Stümpfig, Ph. Hendrickson. *Visaline®* in the Treatment of Age-Related Macular Degeneration: a Pilot Study. *Ophthalmologia* 209: 302-305 (1995)

211. H.J. Kaiser, J. Flammer: Optic nerve head-related visual fields. *Neuro-ophthalmology* 15:337-344 (1995)
212. S. Orgül, J. Flammer, P. Gasser: Female Preponderance in Normal-Tension Glaucoma: *Annals of Ophthalmol* 27:355-359 (1995)
213. J. Flammer: Beziehung zwischen okulärer Perfusion und glaukomatöser Schädigung. *Search on Glaucoma* 3:76-79 (1995)
214. H.J. Kaiser, J. Flammer (eds): Sehstörungen. *Therap Umschau* 53,1 (1996)
215. J. Flammer, J. Messerli, I. Haefliger: Sehstörungen durch vaskuläre Dysregulationen. *Therap Umschau* 53,1:37-42 (1996)
216. H.J. Kaiser, J. Flammer, Ph. Hendrickson (Eds.): *Ocular Blood Flow: New Insights into the Pathogenesis of Ocular Diseases*. Karger Basel (1996)
217. J. Flammer: To what Extent are Vascular Factors involved in the Pathogenesis of Glaucoma? In: H.J. Kaiser, J. Flammer, Ph. Hendrickson (Eds.): *Ocular Blood Flow*, Karger Basel, 12-39 (1996).
- 217a. Tschechische Übersetzung von 217:  
Do jaké míry se cévní faktory podíli při patogenezi glaukomu? *Novinky v oftalmologii* 2 (1997).
218. I.O. Haefliger, P. Meyer, J. Flammer, T.F. Lüscher: Endothelium-Dependent Vasoactive Factors. In: H.J. Kaiser, J. Flammer, Ph. Hendrickson (Eds.): *Ocular Blood Flow*, Karger Basel, 51-63 (1996)
219. P. Meyer, I.O. Haefliger, J. Flammer, T.F. Lüscher: Endothelium-Dependent Regulation in Ocular Vessels. In: H.J. Kaiser, J. Flammer, Ph. Hendrickson (Eds.): *Ocular Blood Flow*, Karger Basel, 64-73 (1996)
220. H.J. Kaiser, J. Flammer, J. Messerli: Vasospasm - a risk factor for nonarteric anterior ischemic optic neuropathy? *Neuro-ophthalmol* 16: 5-10 (1996)
221. Ch. Prünke, J. Flammer: Choroidal Capillary and Venous Congestion in Central Serous Chorioretinopathy. *Am J Ophthalmol* 121:26-34 (1996)
222. P. Meyer, J. Flammer, T.F. Lüscher: Effect of dipyridamole on vascular responses of porcine ciliary arteries. *Curr Eye Res* 15: 387-393 (1996)
223. T. Haufschild, E. Nava, P. Meyer, J. Flammer, T.F. Lüscher and I. Haefliger: Spontaneous Calcium-Independent Nitric Oxide Synthase Activity in Porcine Ciliary Processes. *Biochemical and Biophysical Research Communications* 222, 786-789 (1996)
224. A.Z. Gaspar, J. Flammer, Ph. Hendrickson: Regression of Rubeosis Iridis After Trabeculectomy Combined with Mitomycin-C. *Ophthalmic Surg Lasers*, 27: 709-712 (1996)
225. M. Zulauf, P. Fehlmann, J. Flammer: Perimetrie mit der normalen Octopus-Strategie und der "Dynamischen" Strategie nach Weber. *Ophthalmologie* 93:420-427 (1996)
226. H.J. Kaiser, A. Schötzau, J. Flammer: The frequency distribution of blood-flow velocities in the extraocular vessels. *Graefe's Arch Clin Exp Ophthalmol* 234: 537-541 (1996)
227. J. Messerli, J. Flammer: Zentralvenenthrombosen bei jüngeren Patienten. *Klin Monatsbl Augenheilkd* 208:303-305 (1996)
228. H.J. Kaiser, A. Schötzau, J. Flammer: Blood-Flow Velocities in the Extraocular Vessels in Normal Volunteers. *Am J Ophthalmol* 122:364-370 (1996)
229. E. Waldmann, P. Gasser, B. Dubler, Ch. Huber, J. Flammer: Silent myocardial ischemia in glaucoma and cataract patients. *Graefe's Arch Clin Exp Ophthalmol* 234:595-598 (1996)
230. Ch. Prünke, J. Flammer: Zirkulationsstörungen der Aderhaut bei Patienten mit Chorioretinopathia centralis serosa. *Klin Monatsbl Augenheilkd* 208:337-339 (1996)
231. H.J. Kaiser, D. Stümpfig, J. Flammer: Short-term effect of dipyridamole on blood flow velocities in the extraocular vessels. *Int Ophthalmology* 19:355-358 (1996)
232. H.J. Kaiser, A. Schötzau, J. Flammer: Blood flow velocity in the extraocular vessels in chronic smokers. *Brit J Ophthalmol* 81:133-135 (1997)
233. Ch. Prünke, J. Flammer: Mikrozirkulationsstörungen als pathogenetischer Faktor des Glaukoms - wird der Verdacht zur Gewissheit? In: Ch. Prünke, J. Flammer (Hrsg.): *Das Glaukom in der Praxis*. Karger Basel 39-52 (1997)
234. A. Lietz, S. Orgül, I.O. Haefliger, S. Griesser, Ph. Hendrickson, J. Flammer: Scanning-Laser-Doppler-Flowmetrie - eine neue Untersuchungstechnik zur Messung der okulären Durchblutung: Ch. Prünke, J. Flammer (Hrsg.): *Das Glaukom in der Praxis*. Karger Basel 156-165 (1997)
235. S. Griesser, Ch. Prünke, J. Flammer. Erste Erfahrungen mit der Scanning-Laser-Doppler-Flowmetrie beim Normaldruckglaukom: : Ch. Prünke, J. Flammer (Hrsg.): *Das Glaukom in der Praxis*. Karger Basel 166-170 (1997)

236. A.Z. Gaspar, J. Flammer. Erfahrungen mit Mitomycin: Ch. Prünke, J. Flammer (Hrsg.): Das Glaukom in der Praxis. Karger Basel 261-271 (1997)
237. M.G. Lang, P. Zhu, P. Meyer, G. Noll, I.O. Haefliger, J. Flammer, T.F. Lüscher: Amlodipine and benazeprilat differently affect the responses to endothelin-1 and bradykinin in porcine ciliary arteries: effects of low and high dose combination. *Curr Eye Res* 16: 208-213 (1997)
238. H.J. Kaiser, A. Schötzau, D. Stümpfig, J. Flammer: Blood-flow Velocities of the Extraocular Vessels in Patients with Hypertension and Normal-tension Primary Open-angle Glaucoma. *Am J Ophthalmol* 123:320-327 (1997)
239. H.J. Kaiser, T. Graf, G. Krejci, G.A. Mathis, A. Jauch, J. Flammer: A new angiotension-II-receptor blocker, CGP 48933: local tolerance and effect on intraocular pressure. A pilot study. *Europ J Ophthalmol* 7:35-39 (1997)
240. I.O. Haefliger, J. Flammer: The logic of prevention of glaucomatous damage progression. *Cur Opin Ophthalmol* 8:64-67 (1997)
241. I. Haefliger, J. Flammer: Facteurs de risque associés au glaucome: Quelle logique dans la prévention de la progression des déficits glaucomeux? *Réflexions ophtalmologiques* 6:19-20 (1997)
242. A. Lietz, I.O. Haefliger, Ph. Hendrickson, S. Orgül and J. Flammer: Short-Term Effect of Timolol 0.5% versus Betaxolol 0.5% on the HRF Parameter (Flow) at the Papilla of healthy Volunteers. In: S.M. Drance (Ed.): *Vascular Risk Factor and Neuroprotection in Glaucoma*, Kugler Publications 73-77 (1997)
243. E.S. Dettmann, J. Flammer and I.O. Haefliger: Magnesium and Vascular Tone Modulation. In: S.M. Drance (Ed.): *Vascular Risk Factor and Neuroprotection in Glaucoma*, Kugler Publications 79-86 (1997)
244. J. Flammer: Endothelin in the pathogenesis of glaucoma. . In: S.M. Drance (Ed.): *Vascular Risk Factor and Neuroprotection in Glaucoma*, Kugler Publications 97-103 (1997)
245. H.J. Kaiser et al: Blood Flow in Retrobulbar Vessels in Glaucoma Patients and Normals. . In: S.M. Drance (Ed.): *Vascular Risk Factor and Neuroprotection in Glaucoma*, Kugler Publications 135-138 (1997)
246. A. Lietz, I.O. Haefliger, P. Hendrickson, S. Orgül, J. Flammer: Effect of a single instillation of 1 % Carteolol and 0.5% Timolol on HRF-parameter, flow, at the papilla. *New Trends in Ophthalmol* XII:5-9 (1997)
247. I.O. Haefliger, J. Flammer: Le syndrome vasospastique, un facteur de risque de la neuropathie glaucomeuse. In: A. Béchetoille (Ed.): *Les Glaucomes*, Japperenard 273-275 (1997)
248. I.O. Haefliger, J. Flammer. Glaucome et déficits campimétriques localisés et/ou diffus. In: A. Béchetoille (Ed.): *Les Glaucomes*, Japperenard 118-119 (1997)
249. P. Zhu, J.-L. Bény, J. Flammer, T.F. Lüscher, I.O. Haefliger: Relaxation by Bradykinin in Porcine Ciliary Artery: Role of Nitric Oxide and K<sup>+</sup> Channels. *Invest Ophthalmol Vis Sci* 38: 1761-1767 (1997)
250. A. Gass, J. Flammer, L. Linder, S.C. Romerio, P. Gasser, W.E. Haefeli: Inverse correlation between endothelin-1-induced peripheral microvascular vasoconstriction and blood pressure in glaucoma patients. *Graefe's Arch Clin Exp Ophthalmol* 235:634-638 (1997)
251. J. Flammer: Zukünftige Entwicklungen in der Glaukomforschung. *Ophtha* 5:18 (1997)
252. J. Flammer: Vaskuläre Risikofaktoren beim Glaukom. *Klin Mbl Augenheilk*: 211: 5-6 (1997)
253. J. Flammer: The concept of vascular dysregulation in glaucoma. In: Süveges I., Follmann P. (Eds.): *Proceedings of the XIth Congress of the European Society of Ophthalmology*. Bologna, Monduzzi Editore (1997)
254. C. Erb, J. Flammer: Clonidin in der Augenheilkunde. In: G.K. Krieglstein (Hrsg.): *Glaukom: eine Standortbestimmung*, Kaden Verlag GmbH Heidelberg 51-55 (1997)
255. J. Flammer: Facteurs de risque vasculaires pour le glaucome. *Ophtha* 6:26 (1997)
256. R. Osusky, A. Schötzau, J. Flammer: Variations in the blood flow of the human optic nerve head. *Eur J Ophthalmol* 7:364-369 (1997)
257. B.C. Senn, H.J. Kaiser, A. Schötzau, J. Flammer: Reproducibility of color Doppler imaging in orbital vessels. *Ger J Ophthalmol* 5:386-391 (1997)
258. J. Flammer. Die Behandlung des Normaldruckglaukoms mit Kalziumantagonisten. *Search on Glaucoma* 4:76-80 (1997)
259. E.S. Dettmann, T.F. Lüscher, J. Flammer: Modulation of endothelin-1-induced contractions by magnesium/calcium in porcine ciliary arteries. *Graefe's Arch Clin Ophthalmol* 236:47-51 (1998)
260. I. O. Haefliger, J. Flammer (Eds.): *Nitric Oxide and Endothelin in the Pathogenesis of Glaucoma*. Lippincott-Raven (1998)
261. J. Flammer: The Concept of Vascular Dysregulation in Glaucoma. In: I. O. Haefliger, J. Flammer (Eds.): *Nitric Oxide and Endothelin in the Pathogenesis of Glaucoma*. Lippincott-Raven 14-21: (1998)

262. W.E. Haefeli, L. Linder, A. Gass, S.C. Romerio, P. Gasser, J. Flammer: Peripheral Microcirculatory Responses to Vasoconstrictors in Glaucoma Patients. In: I. O. Haefliger, J. Flammer (Eds.): Nitric Oxide and Endothelin in the Pathogenesis of Glaucoma. Lippincott-Raven 102-111 (1998)
263. I. Koçak, S. Orgül, A. Saruhan, I. Haefliger, Ph. Hendrickson, J. Flammer: Measurement of Intraocular Pressure with a Modern Noncontact Tonometer. *Ophthalmologia* 212: 81-87 (1998)
264. C. Erb, J. Messerli, J. Flammer: Latanoprost - ein neues Prostaglandin F<sub>2α</sub>-Analog in der Glaukomtherapie. *Klin Mbl Augenheilk* 212: 2-12 (1998)
265. A. Lietz, Ph. Hendrickson, J. Flammer, S. Orgül, I.O. Haefliger: Effect of Carbogen, Oxygen and Intraocular Pressure on Heidelberg Retina Flowmeter Parameter 'Flow' Measured at the Papilla. *Ophthalmologia* 212:149-152 (1998)
266. Z. Bohdanecka, S. Orgül, Ch. Prünke, J. Flammer: Influence of Acquisition Parameters on Hemodynamic Measurements with the Heidelberg Retina Flowmeter at the Optic Disc. *J Glaucoma*, 7, 151-157 (1998)
267. S. Orgül, Ch. Prünke, J. Flammer: Endothelium-derived vasoactive substances relevant to normal-tension glaucoma. *Curr Opin Ophthalmol* 9: 88-94 (1998)
268. C. Erb, H.J. Thiel, J. Flammer: The psychology of the glaucoma patient. *Curr Opin Ophthalmol* 9:65-70 (1998)
269. J. Flammer, S. Orgül: Optic Nerve Blood-Flow Abnormalities in Glaucoma. *Prog Ret Eye Res* 17:267-289 (1998)
270. C. Erb, J. Messerli, J. Flammer: Vergleich der Alpha-2-Agonisten Clonidin, Apraclonidin und Brimonidin. *Search on Glaucoma* 6: 28-34 (1998)
271. Ch. Prünke, S. Orgül, J. Flammer: Abnormalities of microcirculation in glaucoma: facts and hints. *Curr Opin Ophthalmol* 9:50-55 (1998)
272. R. Liu, J. Flammer, T.F. Lüscher, I.O. Haefliger: β-Adrenergic agonist-induced nitrite production in isolated pig ciliary processes. *Graefe's Arch ClinExp Ophthalmol* 236:613-616 (1998)
273. R.K. Dubey, J. Flammer, T.F. Lüscher: Angiotensin II and Insulin Induce Growth of Ciliary Artery Smooth Muscle: Effects of AT<sub>1</sub>/AT<sub>2</sub>Antagonists. *Invest Ophthalmol Vis Sci* 39:2067-2075 (1998)
274. J. Flammer, S. Orgül: Fisiopatologia della Circolazione del Nervo Ottico nel Glaucoma/Pathophysiology of Optic Nerve Circulation in Glaucoma. In: C. Bisantis + G. Carella (Eds.) I Sistemi Vascolari del Nervo Ottico e dell' Area Perioptica/Vascular System of the Optic Nerve and Perioptic Area. I.N.C. Roma 243-258 (1998)
275. S. Orgül, J. Flammer: Primary open angle glaucoma. In: János Fehér, Pathophysiology of the Eye, 4/Glaucoma Akadémiai Kiado Budapest 167-214 (1998)
276. A. Saruhan, S. Orgül, I. Koçak, Ch. Prünke, J. Flammer: Descriptive Information of Topographic Parameters Computed at the Optic Nerve Head with the Heidelberg Retina Tomograph. *J Glaucoma* 7(6):420-429 (1998)
277. M.M. Eberle, J. Flammer, C. Erb: Kontaktlinsen und Glaukom. *Contactologia* 20:153-157 (1998)
278. H.J. Kaiser, J. Flammer (Hrsg.): Kinderophthalmologie - Auge und Allgemeinerkrankungen, Verlag Hans Huber, 1999
279. J. Flammer: Mitochondrien: Ihre Bedeutung in Physiologie und Pathophysiologie. In: H.J. Kaiser, J. Flammer (Hrsg) Kinderophthalmologie - Auge und Allgemeinerkrankungen, Hans Huber Verlag 111-119 (1999)
280. J. Flammer: Auge und Psyche. In: H.J. Kaiser, J. Flammer (Hrsg) Kinderophthalmologie - Auge und Allgemeinerkrankungen, Hans Huber Verlag 215-224 (1999)
281. F. Girardin, S. Orgül, C. Erb, J. Flammer: Relationship Between Corneal Temperature and Finger Temperature. *Arch Ophthalmol* 117:166-169 (1999)
282. C. Erb, K.-H. Datum, J. Flammer: Vaskuläre Risikofaktoren beim Glaukom - eine Umfrage bei Augenärzten. *Aktuelle Augenheilkunde*, 8-12 (1999)
283. P. Gasser, D. Stümpfig, A. Schötzau, U. Ackermann, J. Flammer: Body Mass Index in Glaucoma. *J Glaucoma* 8:8-11 (1999)
284. S.M. Griesser, A. Lietz, S. Orgül, A. Schötzau, P. Hendrickson, J. Flammer, I.O. Haefliger: Heidelberg retina flowmeter parameters at the papilla in healthy subjects. *Europ J Ophthalmol* 9:32-36 (1999)
285. Z. Bohdanecka, S. Orgül, A.B. Meyer, C. Prünke, J. Flammer: Relationship between Blood Flow Velocities in Retrobulbar Vessels and Laser Doppler Flowmetry at the Optic Disk in Glaucoma Patients. *Ophthalmologia* 213:145-149 (1999)
286. P. Zhu, E.S. Dettmann, T.J. Resink, T.F. Lüscher, J. Flammer, I.O. Haefliger: Effect of Ox-LDL on endothelium-dependent response in pig ciliary artery: prevention by an ET(A) antagonist. *Invest Ophthalmol Vis Sci* 40:1015-20 (1999)
287. C. Erb, S. Orgül, S. Griesser, A. Lietz, Ph. Hendrickson, J. Flammer: Confocal scanning laser Doppler flowmetry of the optic nerve in smokers. *Neuro-ophthalmology* 21:33-37 (1999)

288. P. Meyer, C. Champion, U. Schlötzer-Schrehardt, J. Flammer, I.O. Haefliger: Localization of nitric oxide synthase isoforms in porcine ocular tissues. *Curr Eye Res* 18:375-380 (1999)
289. J. Flammer: Warum können vaskuläre Fehlregulationen zum Glaukomschaden führen? *Der Augenspiegel* 5:8-15, 1999. (1999)
290. J. Flammer, I.O. Haefliger, S. Orgül, T. Resink: Vascular dysregulation: a principal risk factor for glaucomatous damage? *J Glaucoma* 8:212-9 (1999)
291. C. Erb, J. Flammer: Die vaskulären Ursachen und deren Therapie beim Normaldruckglaukom. In: L.E. Pillunat, A.G. Böhm, K.-G. Schmidt, G. Richard (Hrsg.): *Fortbildung Glaukom, Differentialdiagnose, Therapie, Perspektiven*. Ferdinand Enke Verlag Stuttgart, 2:63-78 (1999)
292. R. Liu, J. Flammer, I.O. Haefliger: Isoproterenol, forskolin, and cAMP-induced nitric oxide production in pig ciliary processes. *Invest Ophthalmol Vis Sci* 40:1833-1837 (1999)
293. K. Gugleta, S. Orgül, J. Flammer: Asymmetry in Intraocular Pressure and Retinal Nerve Fiber Layer Thickness in Normal-Tension Glaucoma. *Ophthalmologia* 213: 219-223 (1999)
294. H.E. Killer, O. Rüst, O. Müller, J. Flammer: Unilateral Glaucomatous Damage in a Patient with Hemifacial Spasm. *Ophthalmologia* 213:273-275 (1999)
295. J. Flammer: Einfluss von Betablocker auf das Gesichtsfeld. *Glaucoma News/Alcon* (1999)
296. C. Erb, J. Flammer (Hrsg.): *Risikofaktoren für Augenerkrankungen*, Verlag Hans Huber (1999)
297. J. Bucheli, B. Martina, J. Flammer, K. Hostettler, E. Battegay: Arterielle Hypertonie. In: C. Erb, J. Flammer (Hrsg.): *Risikofaktoren für Augenerkrankungen*, Verlag Hans Huber 25-53 (1999)
298. K. Gugleta, P. Lübeck, S. Orgül, J. Flammer: Screening von vaskulären Risikofaktoren bei Glaukompatienten. In: C. Erb, J. Flammer (Hrsg.): *Risikofaktoren für Augenerkrankungen*, Verlag Hans Huber 93-103 (1999)
299. P. Lübeck, J. Flammer, S. Orgül: Arteriitis temporalis (Riesenzellenarteriitis): Weshalb führen kleine Entzündungsherde zu gravierenden Durchblutungsstörungen am Auge? In: C. Erb, J. Flammer (Hrsg.): *Risikofaktoren für Augenerkrankungen*, Verlag Hans Huber 125-131 (1999)
300. S. Orgül, J. Flammer: Vaskuläre Dysregulation am Auge. In: C. Erb, J. Flammer (Hrsg.): *Risikofaktoren für Augenerkrankungen*, Verlag Hans Huber 193-203 (1999)
301. J. Flammer: Die Bedeutung der Arteriosklerose für das Glaukom. In: C. Erb, J. Flammer (Hrsg.): *Risikofaktoren für Augenerkrankungen*, Verlag Hans Huber 87-92 (1999)
302. J. Flammer: Lebersche hereditäre Optikusneuropathie: Genetisches Schicksal oder vermeidbare Erkrankung? In: C. Erb, J. Flammer (Hrsg.): *Risikofaktoren für Augenerkrankungen*, Verlag Hans Huber 295-301 (1999)
303. C. Erb, A. Batra, A. Lietz, A.U. Bayer, J. Flammer, H.-J. Thiel: Psychological characteristics of patients with normal-tension glaucoma. *Graefe's Arch Clin Exp Ophthalmol* 237:753-757 (1999)
304. S. Orgül, K. Gugleta, J. Flammer: Physiology of Perfusion as it Relates to the Optic Nerve Head. *Surv Ophthalmol* 43, Suppl 1:17-26 (1999)
305. I.O. Haefliger, E. Dettmann, R. Liu, P. Meyer, Ch. Prünke, J. Messerli, J. Flammer: Potential Role of Nitric Oxide and Endothelin in the Pathogenesis of Glaucoma. *Surv Ophthalmol* 43, Suppl 1:51-58 (1999)
306. I.O. Haefliger, A. Lietz, S.M. Griesser, A. Ulrich, A. Schötzau, Ph. Hendrickson, J. Flammer: Modulation of Heidelberg Retinal Flowmeter Parameter Flow at the Papilla of Healthy Subjects: Effect of Carbogen, Oxygen, High Intraocular Pressure, and  $\beta$ -Blockers. *Surv Ophthalmol* 43, Suppl 1:59-65 (1999)
307. P. Gasser, S. Orgül, B. Dubler, B. Bucheli, J. Flammer: Relation between blood flow velocities in the ophthalmic artery and in nailfold capillaries. *Br J Ophthalmol* 83:505 (1999)
308. M. Eberle, C. Erb, J. Flammer, P. Meyer: Dermatitis und Konjunktivitis nach Kontakt mit dem Saft der *Euphorbia myrsinites* (Wolfsmilchsaft) - Eine Kasuistik. *Klin Monatsbl Augenheilkd* 215:203-204 (1999)
309. B. Senn, S. Orgül, U. Keller, D. Dickermann, B. Dubler, J. Vavrecka, P. Gasser, H.J. Kaiser, J. Flammer: Retrobulbar and Peripheral Capillary Blood Flow in Hypercholesterolemic Subjects. *Am J Ophthalmol* 128:310-316 (1999)
310. D. Gherghel, S. Orgül, B. Dubler, P. Lübeck, K. Gugleta, J. Flammer: Is vascular regulation in the central retinal artery altered in vasospastic subjects? *Arch Ophthalmol* 117:1359-62 (1999)
311. K. Gugleta, S. Orgül, J. Flammer: Is corneal temperature correlated with blood-flow velocity in the ophthalmic artery? *Curr Eye Res* 19:496-501 (1999)
312. C. Erb, A. Ulrich, M. Adler, J. Flammer, E. Zrenner: Influence of illumination on results of the hue-discrimination test, Roth 28-Hue desaturated. *Neuro-ophthalmology* 22:33-36 (1999)

313. I.O. Haefliger, E.S. Dettmann, J. Flammer: Update on Nitric Oxide and Endothelin in Glaucoma. In: L.E. Pillunat, A. Harris, D.R. Anderson, E.L. Greve (Eds.): *Current Concepts on Ocular Blood Flow in Glaucoma*, Kugler Publications, The Hague, NL 33-44 (1999)
314. I. Koçak, S. Orgül, J. Flammer: Variability in the Measurement of Corneal Temperature Using a Noncontact Infrared Thermometer. *Ophthalmologia* 213:345-349 (1999)
315. M. Zulauf, K. Sugimoto, A. Schötzau, O. Bergamin, J. Flammer: The optimal number of test locations in perimetry. *Proceedings of the International Octopus Users' Visual Field Symposium*, Lugano Sept 98, 77-82 (1999)
316. M. Straubhaar, S. Orgül, K. Gugleta, A. Schötzau, C. Erb, J. Flammer: Choroidal Laser Doppler Flowmetry in Healthy Subjects. *Arch Ophthalmol* 118: 211-215 (2000)
317. R. Osusky, P. Rohr, A. Schötzau, J. Flammer: Nocturnal Dip in the Optic Nerve Head Perfusion. *Jpn J Ophthalmol* 44:128-131 (2000)
318. J. Flammer. Ist der Glaukomschaden ein Perfusionsschaden? In: C. Erb, G.K. Kriegelstein (Hrsg.): *Glaukom, Fragen zur Praxis*, Agamede Verlag Köln 102-125 (2000)
319. J. Flammer. New Concepts/Autoregulation in glaucoma. In: *Glaucoma, Perspectives in Practice*. Merck & Co., Inc. Whitehouse Station, N.J., USA, Issue 2.1 (2000)
320. J. C. Fleischhauer, J. Flammer, I.O. Haefliger: Membranpotenzial-Depolarisation im Epithel des Schweineziliarkörpers durch Stickstoffmonoxid. *Klin Monatsbl Augenheilkd* 216: 321-323 (2000)
321. J. Kaspar, C. Champion, J. Flammer, I.O. Haefliger: Vasorelaxing Properties of Carteolol in Isolated Porcine Ciliary Arteries. *Klin Monatsbl Augenheilkd* 216: 318-320 (2000)
322. D. Gherghel, S. Orgül, C. Prünke, K. Gugleta, P. Lübeck, M. Gekkieva, J. Flammer: Interocular differences in optic disc topographic parameters in normal subjects. *Curr Eye Res* 20:276-282 (2000)
323. X. Zhang, C. Erb, J. Flammer, W.M. Nau: Absolute rate constants for the quenching of reactive excited states by melanin and related 5,6-dihydroxyndole metabolites: implications for their antioxidant activity. *Photochem Photobiol* 71:524-33 (2000)
324. J. Fleischhauer, J.L. Beny, J. Flammer, I.O. Haefliger: NO/cGMP pathway activation and membrane potential depolarization in pig ciliary epithelium. *Invest Ophthalmol Vis Sci* 41:1759-63 (2000)
325. T. Haufschild, M.R. Tschudi, J. Flammer, T.F. Lüscher, I.O. Haefliger: Nitric oxide production by isolated human and porcine ciliary processes. *Graefe's Arch Clin Exp Ophthalmol* 238:448-453 (2000)
326. H.E. Killer, A. Huber, C. Portmann, A. Forrer, J. Flammer: Bilateral non-arteritic anterior ischemic optic neuropathy in a patient with autoimmune thrombocytopenia. *Eur J Ophthalmol* 10:180-2 (2000)
327. J. Schumann, S. Orgül, K. Gugleta, B. Dubler, J. Flammer: Interocular Difference in Progression of Glaucoma Correlates With Interocular Differences in Retrobulbar Circulation. *Am J Ophthalmol* 129: 728-733 (2000)
328. K. Wunderlich, B.C. Senn, P. Reiser, M. Pech, J. Flammer, P. Meyer: Connective Tissue Growth Factor in Retrocorneal Membranes and Corneal Scars. *Ophthalmologia* 214, 341-346 (2000)
329. S.C. Romerio, L. Linder, J. Flammer, W.E. Haefli: Correlation between apolipoprotein B and endothelin-1-induced vasoconstriction in humans. *Peptides* 21(6):871-4 (2000)
330. K. Gugleta, S. Orgül, D. Stümpfig, B. Dubler, J. Flammer: Fludrocortisone in the treatment of systemic hypotension in primary open-angle glaucoma patients. *International Ophthalmol* 23:25-30 (2000)
331. I.O. Haefliger, J.C. Fleischhauer, J. Flammer: In glaucoma, should enthusiasm about neuroprotection be tempered by the experience obtained in other neurodegenerative disorders? *Eye* 14:464-472 (2000)
332. K. Wunderlich, M. Pech, A.N. Eberle, M. Mihatsch, J. Flammer, P. Meyer. Expression of connective tissue growth factor (CTGF) mRNA in plaques of human anterior subcapsular cataracts and membranes of posterior capsule opacification. *Curr Eye Res* 21:627-36 (2000)
333. S. Orgül, J. Flammer (Eds.): *Pharmacotherapy in Glaucoma*, Verlag Hans Huber (2000).
334. I.O. Haefliger, J. Fleischhauer, J. Flammer: Pharmacological Mechanisms of Action of Drugs Commonly Used to Treat Glaucoma Patients. In: S. Orgül, J. Flammer (Eds.): *Pharmacotherapy in Glaucoma*, Verlag Hans Huber 17-23 (2000)
335. B. Bucheli, S. Orgül, E. Battegay, B. Martina, P. Gasser, J. Flammer: Systemic Hypertension and Hypotension: General Aspects and Impact on Glaucoma. S. Orgül, J. Flammer (Eds.): *Pharmacotherapy in Glaucoma*, Verlag Hans Huber 175-195 (2000)
336. K. Gugleta, S. Orgül, J. Flammer: Should and Can Vasospasms Be Treated S. Orgül, J. Flammer (Eds.): *Pharmacotherapy in Glaucoma*, Verlag Hans Huber 197-206 (2000)
337. J. Flammer: The Role of Vasospasm in the Pathogenesis of Diseases. S. Orgül, J. Flammer (Eds.): *Pharmacotherapy in Glaucoma*, Verlag Hans Huber 207-234 (2000)

338. D. Gherghel, S. Orgül, Ch. Prünke, J. Flammer: Trabeculectomy with a Scleral Tunnel Technique Combined with Mitomycin-C. S. Orgül, J. Flammer (Eds.): *Pharmacotherapy in Glaucoma*, Verlag Hans Huber 243-250 (2000)
339. S. Orgül, J. Flammer: Primary Open-Angle Glaucoma and the Role of Pharmacotherapy in the Management of Glaucoma Patients. S. Orgül, J. Flammer (Eds.): *Pharmacotherapy in Glaucoma*, Verlag Hans Huber 305-320 (2000)
340. D. Gherghel, S. Orgül, K. Gugleta, M. Gekkieva, J. Flammer. Relationship Between Ocular Perfusion Pressure and Retrobulbar Blood Flow in Patients With Glaucoma With Progressive Damage. *Am J Ophthalmol* 130, 5:597-605 (2000)
341. K. Wunderlich, B.C. Senn, L. Todesco, J. Flammer, P. Meyer. Regulation of connective tissue growth factor gene expression in retinal vascular endothelial cells by angiogenic growth factors. *Graefe's Arch Exp Ophthalmol* 238:910-915 (2000)
342. P. Lübeck, S. Orgül, K. Gugleta, D. Gherghel, M. Gekkieva, J. Flammer. Effect of Timolol on anterior optic nerve blood flow in patients with primary open-angle glaucoma as assessed by the Heidelberg retina flowmeter. *J Glaucoma* 10:13-17 (2000)
343. O. Golubnitschaja-Labudova, R. Liu, C. Decker, P. Zhu, I.O. Haefliger, J. Flammer. Altered gene expression in lymphocytes of patients with normal-tension glaucoma. *Curr Eye Res* 21:867-76 (2000)

## 2001

344. E. Hintermann, C. Erb, C. Talke-Messerer, R. Liu, H. Tanner, J. Flammer, A.N. Eberle. Expression of the melanin-concentrating hormone receptor in porcine and human ciliary epithelial cells. *Invest Ophthalmol Vis Sci* 42:206-9 (2001)
345. J. Flammer. Glaukom ohne Hochdruck. *Z prakt Augenheilkd* 22:91-93 (2001)
346. I.O. Haefliger, J. Flammer, J.-L. Bény, Th. Lüscher. Endothelium-dependent vasoactive modulation in the ophthalmic circulation. *Prog Retin Eye Res* 20: 209-225 (2001)
347. T. Haufschild, S.G. Shaw, J. Kesselring, J. Flammer. Increased Endothelin-1 Plasma Levels in Patients with Multiple Sclerosis. *J of Neuro-Ophthalmol* 21:37-38 (2001)
348. F. Beano, S. Orgül, D. Stümpfig, K. Gugleta, J. Flammer. An evaluation of the effect of unoprostone isopropyl 0.15% on ocular hemodynamics in normal-tension glaucoma patients. *Graefe's Arch Clin Exp Ophthalmol* 239:81-86 (2001)
349. J. Flammer, M. Pache, T. Resink. Vasospasm, its Role in the Pathogenesis of Diseases with Particular Reference to the Eye. *Prog Retin Eye Res* 20:319-349 (2001)
350. K.G. Schmidt, L.E. Pillunat, K. Kohler, J. Flammer. Ocular pulse amplitude is reduced in patients with advanced retinitis pigmentosa. *Br J Ophthalmol* 85:678-82 (2001)
351. T. Morf, P. Zhu, J. Flammer, I.O. Haefliger. Vasorelaxing effect of the potassium ( $K^+$ )-channel opener pinacidil in isolated porcine ciliary arteries. *Klin Monatsbl Augenheilkd* 05:338-340 (2001)
352. F. Vonmoos, J. Messerli, H.-R. Moser, Ch. Prünke, J. Flammer, I.O. Haefliger. Immunosuppressive therapy in serpiginous choroiditis - case report and brief review of the literature. *Klin Monatsbl Augenheilkd* 05: 394-397 (2001)
353. J. Fleischhauer, T. Haufschild, B. Schröder, I.O. Haefliger, J. Flammer, H.J. Kaiser. Pupillary examination with infrared consumer videocamera. *Klin Monatsbl Augenheilkd* 05:381-383 (2001)
354. K. Nau-Staudt, W. M. Nau, I.O. Haefliger, J. Flammer. Abhängigkeit der Lipidperoxidation von der Pigmentierung porkiner Iris. *Klin Monatsbl Augenheilkd* 05:341-344 (2001)
355. G. Brogiolo, J. Flammer, I.O. Haefliger. Latanoprost is a vasoconstrictor in isolated porcine ciliary arteries. *Klin Monatsbl Augenheilkd* 05: 373-375 (2001)
356. R. Liu, J. Flammer, I.O. Haefliger. Brimonidine and inhibition of nitrite production in isolated porcine ciliary processes. *Klin Monatsbl Augenheilkd* 05: 348-350 (2001).
357. J. Flammer. Die glaukomatöse Optikusneuropathie: Ein Reperfusionsschaden. *Klin Monatsbl Augenheilkd* 05:290-291 (2001)
358. J. Fleischhauer, J.-L. Bény, J. Flammer, I.O. Haefliger. Cyclic AMP and anionic currents in porcine ciliary epithelium. *Klin Monatsbl Augenheilkd* 05:370-372 (2001)
359. A. Lietz-Partzsch, S.M. Griesser, J. Flammer, I.O. Haefliger. Decreased Heidelberg Retina Flowmeter (HRF) parameter "flow" at the papilla shortly after smoking a cigarette. *Klin Monatsbl Augenheilkd* 05:332-334 (2001)
360. N. Pellanda, J. Flammer, I.O. Haefliger. L-NAME and U 46619-induced contractions in isolated porcine ciliary arteries versus vortex veins. *Klin Monatsbl Augenheilkd* 05:366-369 (2001)
361. R. Liu, E. Hintermann, C. Erb, H. Tanner, J. Flammer, A.N. Eberle, I.O. Haefliger. Modulation of Na/K-ATPase activity by isoproterenol and propranolol in human non-pigmented ciliary epithelia cells. *Klin Monatsbl Augenheilkd* 05:363-365 (2001)

362. J.C. Fleischhauer, R. Liu, P.-P. Elena, J. Flammer, I.O. Haefliger. Topical ocular instillation of nitric oxide synthase inhibitors and intraocular pressure in rabbits. *Klin Monatsbl Augenheilkd* 05:351-353 (2001)
363. J. Flammer, H.J. Kaiser, T. Haufschild. Susac syndrome: a vasospastic disorder? *Eur J Ophthalmol* 11,2:175-179 (2001)
364. K. Nau-Staudt, W.M. Nau, I.O. Haefliger, J. Flammer. Lipid peroxidation in porcine irises: Dependence on pigmentation. *Curr Eye Res* 22, 3:229-234 (2001)
365. D. Opial, M. Boehnke, S. Tadesse, A. Lietz-Partzsch, J. Flammer, F. Munier, A. Mermoud, M. Hirano, F. Flückiger, D.S. Mojon. Leber's hereditary optic neuropathy mitochondrial DNA mutations in normal-tension glaucoma. *Graefes Arch Clin Exp Ophthalmol* 239:437-440 (2001)
366. H.E. Killer, J. Flammer, B. Wicki, R.H. Laeng. Acute Asymmetric Upper Nasal Quadrantanopsia Caused by a Chiasmal Colloid Cyst in a Patient with Multiple Sclerosis and Bilateral Retrobulbar Neuritis. *Am J Ophthalmol* 132, 2:286-288 (2001)
367. M. Pache, K. Kräuchi, Ch. Cajochen, A. Wirz-Justice, B. Dubler, J. Flammer, H.J. Kaiser. Cold feet and prolonged sleep-onset latency in vasospastic syndrome. *The Lancet* 358, 9276:125-126 (2001)
368. M. Gekkieva, S. Orgül, D. Gherghel, K. Gugleta, Ch. Prünke, J. Flammer. The Influence of Sex Difference in Measurements with the Langham Ocular Blood Flow System. *Jap J Ophthalmol* 45:528-532 (2001)
369. J. Flammer. Innovative Glaukomtherapie. *Ophthalmologe* 98:923-924 (2001)
370. H.E. Killer, J. Flammer. Unilateral Papilledema caused by a fronto-temporo-parietal arachnoid Cyst. *Am J Ophthalmol* 132, 4:589-591 (2001)
371. D. Gherghel, S. Orgül, K. Gugleta, J. Flammer. Retrobulbar blood flow in glaucoma patients with nocturnal over-dipping in systemic blood pressure. *Am J Ophthalmol* 132, 5:641-7 (2001)
372. I.O. Haefliger, J. Flammer. New Concepts/Blood flow dysregulation and glaucoma: Concept and management. In: *Glaucoma, Perspectives in Practice*. Merck & Co., Inc. Whitehouse Station, N.J., USA, Issue 3.2 (2001)
373. I.O. Haefliger, N. Pellanda, J.C. Fleischhauer, M. Gekkieva, J. Flammer. Neuroprotektion beim Glaukom. Wo stehen wir? *Der Ophthalmologe* 98(6):564-567 (2001)
374. J. Flammer. Die Bedeutung von Endothelin-1 beim Glaukom. *Z prakt Augenheilkd* 22:473-475 (2001)
375. J. Flammer. Glaucomatous optic neuropathy: a reperfusion injury. *Klin Monatsbl Augenheilkd* 5:290-1 (2001)
- 2002**
376. M. Pache, H.J. Kaiser, T. Haufschild, P. Lübeck, J. Flammer. Increased Endothelin-1 Plasma Levels in Giant Cell Arteritis: A Report on Four Patients. *Am J Ophthalmol* 133:160-162 (2002)
377. M. Pache, P. Meyer, Ch. Prünke, S. Orgül, I. Nuttli, J. Flammer. Sildenafil induces retinal vasodilatation in healthy subjects. *Br J Ophthalmol* 86:156-158 (2002)
378. P.W. Hasler, S. Orgül, K. Gugleta, H. Vogten, X. Zhao, D. Gherghel, J. Flammer. Vascular dysregulation in the choroid of subjects with acral vasospasm. *Arch Ophthalmol* 120: 302-7 (2002)
379. K. Gugleta, S. Orgül, I. Flammer, D. Gherghel, J. Flammer. Reliability of confocal choroidal laser Doppler flowmetry. *Invest Ophthalmol Vis Sci* 43:723-8 (2002)
380. T. Morf, J.L. Beny, J. Flammer, I.O. Haefliger. Effect of palmitoleic acid on bradykinin-induced endothelium-dependent relaxation in isolated pig ciliary artery. *Klin Monatsbl Augenheilkd* 219:284-288 (2002)
381. R. Liu, J. Flammer, I.O. Haefliger. Forskolin upregulation of NOS I protein expression in porcine ciliary processes: a new aspect of aqueous humor regulation. *Klin Monatsbl Augenheilkd* 219:281-283 (2002)
382. M.E. El Sherbini, M. Gekkieva, J. Flammer, I.O. Haefliger. Effect of Xalatan® and Cusopt® on the vascular tone of quiescent isolated pig ciliary arteries. *Klin Monatsbl Augenheilkd* 219:273-276 (2002)
383. G. Brogiolo, J. Flammer, I.O. Haefliger. The beta-blocker carteolol inhibits contractions induced by KCl in pig ciliary arteries: an effect modulated by extracellular Ca<sup>++</sup>. *Klin Monatsbl Augenheilkd* 219:268-72 (2002)
384. T. Spicher, S. Orgül, K. Gugleta, B. Teuchner, J. Flammer. The Effect of Losartan Potassium on Choroidal Hemodynamics in Healthy Subjects. *J Glaucoma* 11:177-182 (2002)
385. J. Flammer, S. Orgül, V.P. Costa, N. Orzalesi, G.K. Krieglstein, L. Metzner Serra, J.-P. Renard, E. Stefánsson. The impact of ocular blood flow in glaucoma. *Prog Retin Eye Res* 21: 359-393 (2002)  
Translated into Spanish: *Ocular* 5:32-39 (2004)

386. R. Liu, R. Wu, J. Flammer, I.O. Haefliger. Inhibition by brimonidine of forskolin-induced nitrite production in isolated pig ciliary processes. *Invest Ophthalmol Vis Sci* 43:2727-31 (2002)
387. P. Meyer, M. Pache, K.U. Loeffler, L. Brydon, R. Jockers, J. Flammer, A. Wirz-Justice, E. Savaskan. Melatonin MT-1-receptor immunoreactivity in the human eye. *Br J Ophthalmol* 86:1053-7 (2002)
388. M. Pache, E. Nagel, J. Flammer. Reproduzierbarkeit des Retinal Vessel Analyzer unter optimalen Messbedingungen. *Klin Monatsbl Augenheilkd* 219:523-7 (2002)
389. J. Flammer. Die Bedeutung von Reperfusionen in der Entstehung des Glaukomschadens. *Search on Glaucoma* 10:34-35 (2002)
390. P. Meyer, K. Wunderlich, H.L. Kain, Ch. Prünke, J. Flammer. Human connective tissue growth factor mRNA expression of epiretinal and subretinal fibrovascular membranes: A report of three cases. *Ophthalmologia* 216:284-291 (2002)
391. M. Pache, H.A. Schwarz, H.J. Kaiser, P. Wüest, M. Klöti, B. Dubler, J. Flammer. Elevated plasma endothelin-1 levels and vascular dysregulation in patients with rheumatoid arthritis. *Med Sci Monit* 8:616-619 (2002)
392. O. Golubnitschaja, K. Wunderlich, C. Decker, H. Monkemann, H.H. Schild, J. Flammer. Molecular imaging of perfusion disturbances in glaucoma. *Amino Acids* 23:293-299 (2002)
393. M. Pache, M. Krauchi, I. Haefliger, A. Wirz-Justice, J. Flammer, P. Meyer. Effect of melatonin on vascular responses of porcine ciliary arteries. *Curr Eye Res* 24:313-7 (2002)
394. K. Wunderlich, O. Golubnitschaja, M. Pache, A.-N. Eberle, J. Flammer. Increased plasma levels of 20S proteasome  $\alpha$ -subunit in glaucoma patients: an observational pilot study. *Mol Vis* 8:431-5 (2002)
395. J. Flammer. Klare Aussichten bis ins hohe Alter. *Schweiz Med Forum, Ophthalmologie. Schlaglichter* 51/52 (2002)
- 2003**
396. M. Pache, I. Schipper, J. Flammer, P. Meyer. Unilateral fungal and myobacterial keratitis after simultaneous laser in situ keratomileusis. *Cornea* 22:72-5 (2003)
397. H.E. Killer, A. Mironov, J. Flammer. Optic neuritis with marked distension of the optic nerve sheath due to local fluid congestion. *Br J Ophthalmol* 87:249 (2003)
398. M. Pache, J. Ochs, E. Geneth, R. Mierau, T. Kube, J. Flammer. Increased plasma endothelin-1 levels in fibromyalgia syndrome. *Rheumatology* 2003, 42:493-494 (2003)
399. J. Flammer. Glaukom: Ein Handbuch für Betroffene, eine Einführung für Interessierte, ein Nachschlagewerk für Eilige. , 1. Deutsche Auflage (2000), 2. überarbeitete Auflage (2001), 3. überarbeitete Auflage (2009). Hans Huber Verlag, Bern. Glaucoma: A guide for patients, an introduction for care-providers, a quick reference. 1<sup>st</sup> English edition (2001), 2<sup>nd</sup> English edition (2003), 3<sup>rd</sup> English edition (2006), Hogrefe & Huber, Bern. translated into: Chinese (2002), Italian (2002), French (2002), Bulgarian (2002), English ed. for India (2003), Czech (2003), Turkish (2003), Russian (2003), Polish (2004), Romanian (2004), Spanish (2004), Arabic (2004), Portugese (2005), Japanese (2007), Korean (2007), Ukrainian (2008), Georgian (2008)
400. H.J. Kaiser, C. Erb, J. Flammer. Auge und Psyche. In: Uexküll Psychosomatische Medizin. Urban & Fischer, München, Jena (2003)
401. M. Pache, H.J. Kaiser, N. Akhalbedashvili, C. Lienert, B. Dubler, L. Kappos, J. Flammer. Extraocular blood flow and endothelin-1 plasma levels in patients with multiple sclerosis. *European Neurology* 49: 164-168 (2003)
402. K. Gugleta, S. Orgül, P.W. Hasler, Th. Picornell, D. Gherghel, J. Flammer. Choroidal vascular reaction to hand-grip stress in subjects with vasospasm and its relevance in glaucoma. *Invest Ophthalmol Vis Sci* 44:1573-1580 (2003)
403. R. Allemann, J. Flammer, I.O. Haefliger. Absence of vasoactive properties of travoprost in isolated porcine ciliary arteries. *Klin Monatsbl Augenheilkd* 220: 152-155 (2003)
404. R. Wu, J. Flammer, I.O. Haefliger. Transepithelial short circuit currents in human and porcine isolated ciliary bodies: Effect of acetazolamide and epinephrine. *Klin Monatsbl Augenheilkd* 220: 156-160 (2003)
405. R. Allemann, J. Flammer, I.O. Haefliger. Vasoactive properties of bimatoprost in isolated porcine ciliary arteries. *Klin Monatsbl Augenheilkd* 220: 161-164 (2003)
406. H.E. Killer, A. Forrer, J. Flammer. Retinal vasospasm during an attack of migraine. *Retina* 23: 253-254 (2003)
407. M. Satilmis, S. Orgül, B. Dubler, J. Flammer. Rate of progression of glaucoma correlates with retrobulbar circulation and intraocular pressure. *Am J Ophthalmol* 135: 664-9 (2003)
408. M. Pache, B. Dubler, J. Flammer. Peripheral vasospasm and nocturnal blood pressure dipping – two distinct risk factors for glaucomatous damage? *Eur J Ophthalmol* 13:260-65 (2003)

409. H.E. Killer, H.R. Laeng, J. Flammer, P. Groscurth. Architecture of arachnoid trabeculae, pillars, a septa in the subarachnoid space of the human optic nerve: anatomy and clinical consideration. *Br J Ophthalmol* 87: 777-781 (2003)
410. T. Haufschild, H.J. Kaiser, T. Preisig, C. Prünke, J. Flammer. Influence of red wine on visual function and endothelin-1 plasma level in a patient with optic neuritis. *Ann Neurol* 53: 825-6 (2003)
411. R. Christen, M. Pache, B. Teuchner, P. Meyer, C. Prünke, J. Flammer. Iris transillumination defects in patients with primary open angle glaucoma. *Eur J Ophthalmol* 13: 365-369 (2003)
412. K. Gugleta, S. Orgül, J. Flammer. Experience with Cosopt, the fixed combination of timolol and dorzolamide, after switch from free combination of timolol and dorzolamide, in Swiss ophthalmologists' offices. *Curr Med Res Opin* 19:330-335 (2003)
413. M. Pache, C.H. W. Smeets, P. Fontana Gasio, E. Savaskan, J. Flammer, A. Wirz-Justice, H.J. Kaiser. Colour vision deficiencies in Alzheimer's disease. *Age and Aging* 32:422-426 (2003)
414. R. Wu, J. Flammer, K. Yao, I.O. Haefliger. Reduction of nitrite production by endothelin-1 in isolated porcine ciliary processes. *Exp Eye Res* 77: 189-193 (2003)
415. E.S. Dettmann, I. Vysniauskiene, R. Wu, J. Flammer, I.O. Haefliger. Adrenomedullin-induced endothelium-dependent relaxation in porcine ciliary arteries. *Invest Ophthalmol Vis Sci* 44: 3961-3966 (2003)
416. M. Pache, K. Glatz, D. Bosch, S. Dirnhofer, M. Mirlacher, R. Simon, P. Schraml, A. Ruffe, G. Sauter, P. Meyer. Sequence analysis and high-throughput immunohistochemical profiling of KIT (CD 117) expression in uveal melanoma using tissue microarrays. *Virchows Arch Sept* (2003)
417. T. Haufschild, S.G. Shaw, H.J. Kaiser, J. Flammer. Transient raise of endothelin-1 plasma level and reduction of ocular blood flow in a patient with optic neuritis. *Ophthalmologia* 217: 451-453 (2003)
418. T. Shaarawy, J. Flammer. *Glaucoma Therapy: Current Issues and Controversies*. Martin Dunitz London (ed) (2003)
419. J. Flammer. Pathogenesis of glaucomatous optic neuropathy. In: T. Shaarawy, J. Flammer (Eds.). *Glaucoma Therapy: Current Issue and Controversies*, Martin Dunitz London 27-36 (2003)
420. T. Shaarawy, J. Flammer. Pro: Non-penetrating glaucoma surgery - a fair chance. *Graefe's Arch Clin Exp Ophthalmol*, 715-18 (2003)
421. V.P. Costa, A. Harris, E. Stefánsson, J. Flammer, G.K. Krieglstein, N. Orzalesi, A. Heijl, J.P. Renard, L. Metzner Serra. The effects of antiglaucoma and systemic medications on ocular blood flow. *Prog Retin Eye Res* 22: 769-805 (2003)
422. S. Orgül, J. Flammer. Praxis-relevante Perspektiven aus jüngsten Studien zur Behandlung der okulären Hypertonie. *Ophtha* 6: 7-12 (2003)
423. K. Wunderlich, C. Zimmermann, H. Gutmann, B. Teuchner, J. Flammer, J. Drewe. Vasospastic persons exhibit differential expression of ABC-transport proteins. *Mol Vis* 9:756-61 (2003)
424. J. Flammer. Pathomechanismus der glaukomatösen Optikusneuropathie. *Z prakt Augenheilkd* 24: 498-499 (2003)
- 2004**
425. O. Golubnitschaja, K. Yeghiazaryan, H. Monkemann, D. Leppert, H. Schild, I.O. Haefliger, J. Flammer. Increased expression of matrix metalloproteinases in mononuclear blood cells of normal-tension glaucoma patients. *J Glaucoma* 13:66-72 (2004)
426. C. Zimmerman, J. Drewe, J. Flammer, T. Shaarawy. In vitro release of mitomycin C from collagen implants. *Curr Eye Res* 28:1-4 (2004)
427. M. Pache, T. Kube, J. Flammer. Reply to *Rheumatology* 43:253-254 (2004)
428. C. Erb, K. Nau-Staudt, J. Flammer, W. Nau. Ascorbic Acid as a Free Radical Scavenger in Porcine and Bovine Aqueous Humour. *Ophthalmic Res* 36:38-42 (2004)
429. M. Emre, S. Orgül, K. Gugleta, J. Flammer. Ocular blood flow alteration in glaucoma is related to systemic vascular dysregulation. *Br J Ophthalmol* 88: 662-666 (2004)
430. T. Shaarawy, J. Flammer, G. Smits, A. Mermoud. Low first postoperative day intraocular pressure as a positive prognostic indicator in deep sclerectomy. *Br J Ophthalmol* 88: 658-661 (2004)
431. T. Shaarawy, J. Flammer, I.O. Haefliger. Reducing intraocular pressure: is surgery better than drugs? *Eye* 1-10 (2004)
432. A. Preitner, S. Orgül, Ch. Prünke, J. Flammer. Measurement procedures in confocal choroidal laser Doppler flowmetry. *Curr Eye Res* 28: 233-240 (2004)
433. T. Haufschild, C. Prünke, J. Messerli, J. Flammer. Increased endothelin-1 plasma level in young adults with retinal vascular occlusive diseases. *Klin Monatsbl Augenheilkd* 221: 357-359 (2004)

434. T. Shaarawy, R. Wu, A. Mermoud, J. Flammer, I.O. Haefliger. Influence of non-penetrating glaucoma surgery on aqueous outflow facility in isolated porcine eyes. *Br J Ophthalmol* 88: 950-952 (2004)
435. M. Pache, H.L. Kain, M. Buess, J. Flammer, P. Meyer. Primäres intraokuläres Lymphom mit untypischer Klinik und ungünstigem Verlauf. *Klin Monatsbl Augenheilk* 221:401-403 (2004)
436. J. Flammer. Pathogenesis of glaucomatous optic neuropathy (GON). *Adv Clin Exp Med* 13: 389-394 (2004)
437. R. Wu, K. Yao, J. Flammer, I.O. Haefliger. Role of anions in nitric oxide-induced short-circuit current increase in isolated porcine ciliary processes. *Invest Ophthalmol Vis Sci* 45:3213-22 (2004)
438. M. Martin, S. Orgül, A. Robertson, J. Flammer. Traumatische Optikusläsion durch fliegenden Fisch: eine Falldarstellung. *Klin Monatsbl Augenheilk* 221: 410-413 (2004)
439. T. Haufschild, P. Weber, I. Nuttli, B. Hecker, J. Flammer, H.J. Kaiser. Idiopathic isolated abscess in an extraocular muscle in a child. *Arch Ophthalmol* 122: 1233-34 (2004)
440. A. Müllner-Eidenböck, T. Haufschild, J. Flammer, H. Frisch, P. Neupane, T. Waldhör. Höhenretinopathie und Endothelin-1: Störungen des retinalen Akklimatisationsprozesses in grossen Höhen als Ursache von höhenbedingten Netzhautblutungen. In: *Jahrbuch 2003: Österreichische Gesellschaft für Alpin- und Höhenmedizin* (2004)
441. E. Sawaskan, KU Löffler, F. Meier, F. Muller-Spahn, J. Flammer, P. Meyer. Immunohistochemical localization of angiotensin-converting enzyme, angiotensin II and AT1 receptor in human ocular tissues. *Ophthalmic Res* 36: (6):312-20 (2004)
442. B. Teuchner, S. Orgül, H. Ulmer, T. Haufschild, J. Flammer. Reduced thirst in patients with a vasospastic syndrome. *Acta Ophthalmol Scand* 82 (6):738-40 (2004)

## 2005

443. D. Bosch, M. Pache, R. Simon, P. Schraml, K. Glatz, M. Mirlacher, J. Flammer, G. Sauter, P. Meyer. Expression and amplification of therapeutic target genes in retinoblastoma. *Graefes Arch Clin Exp Ophthalmol* 243 (2):156-162 (2005)
444. M. Emre, S. Orgül, T. Haufschild, SG Shaw, J. Flammer. Increased plasma endothelin-1 levels in patients with progressive open angle glaucoma. *Br J Ophthalmol* 89 (1):60-3 (2005)
445. A. Flammer, Ch. Cottier, J. Leuppi, J. Flammer. Glaukomtherapie: Wie relevant sind die unerwünschten Wirkungen der Betablocker? *Z prakt Augenheilkd* 26:19-23 (2005)
446. K. Yeghiazaryan, J. Flammer, K. Wunderlich, H.H. Schild, S. Orgül, O. Golubnitschaja. An enhanced expression of ABC 1 transporter in circulation leukocytes as a potential molecular marker for the diagnostics of glaucoma. *Amino Acids* 28(2):207-211 (2005)
447. H. Moenkemann, J. Flammer, K. Wunderlich, W. Breipohl, H.H. Schild, O. Golubnitschaja. Increased DNA breaks and up-regulation of both G<sup>1</sup> and G<sup>2</sup> checkpoint genes p21<sup>WAF1/CIP1</sup> and 14-3-3  $\sigma$  in circulating leukocytes of glaucoma patients and vasospastic individuals. *Amino Acids* 28(2):199-205 (2005)
448. M.C. Grieshaber, J. Flammer. Blood flow in glaucoma. *Curr Opin Ophthalmol* 16:79-83 (2005)
449. M. Martin, J. Weber-Varzegi, J. Flammer. Toxische Optikusneuropathie unter Cisplatin-Therapie: Eine Falldarstellung. *Klin Monatsbl Augenheilkd* 222:244-247 (2005)
450. H. Kordic, J. Flammer, A. Mironow, H.E. Killer. Perioperative posterior ischemic optic neuropathy as a rare complication of blepharoplasty. *Ophthalmologia* 219:185-188 (2005)
451. I. Vysniauskiene, T. Shaarawy, J. Flammer, I.O. Haefliger. Intraocular pressure changes in the contralateral eye after trabeculectomy with mitomycin C. *Br J Ophthalmol* 89(7):809-811 (2005)
452. E. Fasler-Kan, K. Wunderlich, P. Hildebrand, J. Flammer, P. Meyer. Activated STAT3 in choroidal neovascular membranes of patients with age-related macular degeneration. *Ophthalmologia* 219:214-221 (2005)
453. F. Branca, S. Orgül, C. Zawinka, G. Reinhard, J. Flammer. Retinal vascular diameter in young subjects with a vasospastic propensity. *Graefes Arch Clin Exp Ophthalmol* (2005)
454. K. Gugleta, S. Orgül, P. Hasler, J. Flammer. Circulatory response to blood gas perturbations in vasospasm. *Invest Ophthalmol Vis Sci* 46(9):3288-3294 (2005)
455. P. Kaeser, S. Orgül, C. Zawinka, G. Reinhard, J. Flammer. Influence of change in body position on choroidal blood flow in normal subjects. *Br J Ophthalmol* 89(10):1302-1305 (2005)
456. S. Orgül, C. Zawinka, K. Gugleta, J. Flammer. Therapeutic strategies for normal-tension glaucoma. *Ophthalmologia* 219:317-323 (2005)  
Translated into Spanish: *Ocular* 7:43-45 (2006)

457. J. Flammer. Symposium MSD de julio de 2005: implicaciones terapéuticas de la presión intraocular y el flujo sanguíneo ocular. *Ophthalmology, Conference reports* 2:16-18 (2005)

## 2006

458. M.C. Grieshaber, J. Flammer. Clinical signs of retinal glial cell activation in glaucoma patients. *SE Eur J Ophthalmol* 1(1/2):1-6 (2006)  
Translated into Spanish: *Ocular* 7:41 (2006)
459. I. Vysniauskiene, R. Allemann, J. Flammer, I.O. Haefliger. Vasoactive responses of U46619, PGF<sub>2α</sub>, Latanoprost and Travoprost in isolated porcine ciliary arteries. *Invest Ophthalmol Vis Sci* 47(1):295-298 (2006)
460. M.C. Grieshaber, T. Terhorst, J. Flammer. The pathogenesis of optic disc splinter haemorrhages: a new hypothesis. *Acta Ophthalmol Scand* 84:62-68 (2006)
461. M. Pache, J. Flammer. A Sick Eye in a Sick Body? Systemic Findings in Patients with Primary Open-angle Glaucoma. *Surv Ophthalmol* 51(3):179-212 (2006)  
Translated into Spanish: *Ocular* 8:47 (2007)
462. Y. Ni, R. Wu, W. Xu, H. Maecke, J. Flammer, I.O. Haefliger. Effect of cAMP on porcine ciliary transepithelial short-circuit current, sodium transport, and chloride transport. *Invest Ophthalmol Vis Sci* 47(5):2065-2074 (2006)
463. H.E. Killer, G.P. Jaggi, J. Flammer, N.R. Miller, A.R. Huber. The optic nerve: a new window into cerebrospinal fluid composition? *Brain* 129:1027-1030 (2006)  
Translated into Spanish: *Ocular* 7:46 (2006)
464. T. Haufschild, S. Orgül, J. Flammer. Effect of hospitalization on intraocular pressure in patients with high tension and normal tension glaucoma. *Am J Ophthalmol* 142(1):179-181 (2006)
465. M.G.Todorova, A.M. Palmowski-Wolfe, S. Orguel, J. Flammer. 30 Hz-flicker mfERG in primary open-angle glaucoma patients : 30 Hz-flicker-mfERG in POAG. *Doc Ophthalmol* 113(1):11-20 (2006)
466. K. Gugleta, C. Zawinka, I. Rickenbacher, A. Kochkorov, R. Katamay, J. Flammer, S. Orgul. Analysis of retinal vasodilation after flicker light stimulation in relation to vasospastic propensity. *Invest Ophthalmol Vis Sci* 47(9):4034-41 (2006)
467. A. Kochkorov, K. Gugleta, C. Zawinka, R. Katamay, J. Flammer, S. Orgul. Short-term retinal vessel diameter variability in relation to the history of cold extremities. *Invest Ophthalmol Vis Sci* 47(9):4026-33 (2006)
468. K. Gugleta, A. Kochkorov, R. Katamay, C. Zawinka, J. Flammer, S. Orgul. On pulse-wave propagation in the ocular circulation. *Invest Ophthalmol Vis Sci* 47(9):4019-25 (2006)
469. M.C. Grieshaber, I. Kocak, B. Dubler, J. Flammer, S. Orgul. Retrobulbar blood flow in cataract patients. *Br J Ophthalmol* 90:1512-1515 (2006)
470. K. Kräuchi, C. Cajochen, M. Pache, J. Flammer, A. Wirz-Justice. Thermoregulatory effects of melatonin in relation to sleepiness. *Chronobiol Int* 23(1-2):475-84 (2006)
471. M.C. Grieshaber, S. Orgül, E. Bruder, F. Hadziselimovic, J. Flammer. Congenital iris ectropion and glaucoma associated with intestinal neuronal dysplasia: a manifestation of a neural crest syndrome. *Arch Ophthalmol* 124(10):1495-7 (2006)
472. H.E Killer, G.P. Jaggi, J. Flammer, N.R. Miller, A.R. Huber, A. Mironov. Cerebrospinal fluid dynamics between the intracranial and the subarachnoid space of the optic nerve. It is always bidirectional? *Brain* 130(2):514-520 (2007)
473. E. Adjadj, S. Roy, C. Zimmermann, T. Shaarawy, J. Flammer, A. Mermoud, J. Drewe. Dosage et cinétique de libération de mitomycine C d'un implant de collagène utilisé comme moyen d'administration lors d'une chirurgie filtrante chez le lapin [Dosage and kinetics of MMC release of a collagen implant used as a delivery device in glaucoma surgery in the rabbit eye] *J Fr Ophtalmol* 29(9):1042-1046 (2006)

## 2007

474. M.C. Grieshaber, J.-J. Staub, J. Flammer. The potential role of testosterone in central serous chorioretinopathy. *Br J Ophthalmol* 91:118-119 (2007)
475. M. Mozaffarieh, M.C. Grieshaber, J. Flammer. A journey through selected aspects of glaucoma: Glaucoma Meeting Basel, 2006. *Expert Rev Ophthalmol* 2(1):9-17 (2007)
476. E. Savaskan, R. Jockers, M. Ayoub, D. Angeloni, F. Fraschini, J. Flammer, A. Eckert, F. Müller-Spahn, P. Meyer. The MT<sub>2</sub> melatonin receptor subtype is present in human retina and decreases in Alzheimer's disease. *Curr Alzheimer Res* 4:47-51 (2007)
477. M.C. Grieshaber, S. Orgül, A. Schötzau, J. Flammer. Relationship between retinal glial cell activation in glaucoma and vascular dysregulation. *J Glaucoma* 16(2):215-219 (2007)
478. J. Flammer. Der Beitrag der Schweizer Ophthalmologen zum Glaukom. *Ophta* 2:76-77 (2007)

479. M. Mozaffarieh, J. Flammer. A novel perspective on natural therapeutic approaches in glaucoma therapy. *Expert Opin Emerging Drugs* 12(2):1-4 (2007)
480. M.C. Grieshaber, A. Schötzau, C. Zawinka, J. Flammer, S. Orgül. Effect of central corneal thickness on dynamic contour tonometry and Goldmann applanation tonometry in primary open-angle glaucoma. *Arch Ophthalmol* 125:740-744 (2007)
481. J. Flammer. Ocular blood flow in glaucoma. *SA Ophthalmol J Spring* 2006:7-13 (2007)
482. A. Palmowski-Wolfe, M.G. Todorova, S. Orgül, J. Flammer, M. Brigell. The 'two global flash' mfERG in high and normal tension primary open angle glaucoma. *Doc Ophthalmol* 114:9-19 (2007)
483. M.C. Grieshaber, B. Dubler, C. Knodel, H.E. Killer, J. Flammer, S. Orgül. Retrobulbar blood flow in idiopathic dilated episcleral veins and glaucoma. *Klin Monatsbl Augenheilk* 224:320-323 (2007)
484. M. Mozaffarieh, M.C. Grieshaber, J. Flammer. Sauerstoff und Durchblutung - zwei wichtige pathogenetische Parameter des Glaukoms. In: *Search on Glaucoma*: 63-77 (2007)
485. M. Mozaffarieh, J. Flammer. Is there more to glaucoma treatment than lowering IOP? *Glaucoma Topic&Trends* 6:8 (2007)
486. O. Golubnitschaja, K. Yeghiazaryan, K. Wunderlich, H.H. Schild, J. Flammer. Disease proteomics reveals altered basic gene expression regulation in leukocytes of normal-tension and primary open-angle glaucoma patients. *Proteomics Clin Appl* 1:1316-1323 (2007)
487. M.C. Grieshaber, J. Flammer. Does the blood-brain barrier play a role in glaucoma? *Surv Ophthalmol* 52: Suppl 2: S115-S121 (2007)
488. M.C. Grieshaber, M. Mozaffarieh, J. Flammer. What is the link between vascular dysregulation and glaucoma? *Surv Ophthalmol* 52: Suppl 2: S144-S154 (2007)
489. O. Golubnitschaja, J. Flammer. What are the biomarkers for glaucoma? *Surv Ophthalmol* 52: Suppl 2: S155-S161 (2007)
490. J. Flammer, M. Mozaffarieh. What is the present pathogenetic concept of glaucomatous optic neuropathy? *Surv Ophthalmol* 52: Suppl 2: S162-S173 (2007)
491. M. Mozaffarieh, J. Flammer. Is there more to glaucoma treatment than lowering IOP? *Surv Ophthalmol* 52: Suppl 2: S174-S179 (2007)
492. S. Vollenweider, A. Wirz-Justice, J. Flammer, S. Orgül, K. Kräuchi. Chronobiological characterization of women with primary vasospastic syndrome: body heat loss capacity in relation to sleep initiation and phase of entrainment. *Am J Physiol Regul Integr Comp Physiol* 294(2):R630-638 (2008) [Epub 2007]
- 2008**
493. M. Mozaffarieh, M.C. Grieshaber, J. Flammer. Oxygen and blood flow: players in the pathogenesis of glaucoma. *Mol Vis* 14:224-233 (2008)
494. H.E. Killer, J. Flammer, G.P. Jaggi. Was ist die Ursache des Normaldruckglaukoms - und - wo ist der Glaukomschaden? *Ophtha* 1:9-10 (2008)
495. K. Mansouri, S. Orgül, A. Mermoud, I. Haefliger, J. Flammer, E. Ravinet, T. Shaarawy. Quality of diurnal intraocular pressure control in primary open-angle patients treated with latanoprost compared with surgically treated glaucoma patients: a prospective trial. *Br J Ophthalmol* 92:332-336 (2008)
496. X. Xin, M. Pache, B. Zieger, I. Bartsch, C. Prünke, J. Flammer, P. Meyer. Septin expression in proliferative retinal membranes. *J Histochem Cytochem* 55(11):1089-1094 (2007)
497. K. Gugleta, M. Mehling, A. Kochkorov, M.C. Grieshaber, R. Katamay, J. Flammer, S. Orgül, L. Kappos. Pattern of macular thickness changes measured by ocular coherence tomography in patients with multiple sclerosis. *Klin Monatsbl Augenheilk* 225: 408-412 (2008)
498. S. Leuenberger, K. Gugleta, A. Kochkorov, G. Reinhard, K. Kräuchi, U. Keller, J. Flammer, S. Orgül. Resting energy expenditure in vasospastic subjects and its potential relevance in glaucoma. *Klin Monatsbl Augenheilk* 225: 361-365 (2008)
499. R. Katamay, M. Grieshaber, C. Weich, J. Flammer, S. Orgül. Hornhautdicke und retrobulbärer Blutfluss bei Glaukompatienten. *Klin Monatsbl Augenheilk* 225: 346-348 (2008)
500. M. Kovalska, M.C. Grieshaber, A. Schötzau, R. Katamay, D. Hauenstein, J. Flammer, S. Orgül. Detection of visual field progression in glaucoma. *Klin Monatsbl Augenheilk* 225: 342-345 (2008)
501. J. Flammer, M. Mozaffarieh. Autoregulation, a balancing act between supply and demand. *Can J Ophthalmol* 43(3): 317-321 (2008)
502. G.P. Jaggi, J. Flammer, A.R. Huber, H.E. Killer. Lipocalin-like prostaglandin D synthase in subretinal fluid of detached retinas in humans. *Retina* 28(6): 858-863 (2008)

503. H.E. Killer, G.P. Jaggi, J. Flammer, N.R. Miller. Is open-angle glaucoma caused by impaired cerebrospinal fluid circulation: around the optic nerve? *Clin Exp Ophthalmol* 36:308-311 (2008)
504. M. Mozaffarieh, A. Schötzau, M. Sauter, M.C. Grieshaber, S. Orgül, O. Golubnitschaja, J. Flammer. Comet assay analysis of single-stranded DNA breaks in circulating leukocytes of glaucoma patients. *Mol Vis* 14:1584-1588 (2008)
505. M. Mozaffarieh, M.C. Grieshaber, S. Orgül, J. Flammer. The Potential Value of Natural Antioxidative Treatment in Glaucoma. *Surv Ophthalmol* 53(5):479-505 (2008)
506. M.C. Grieshaber, R. Katamay, K. Gugleta, A. Kochkorov, J. Flammer, S. Orgül. Relationship between ocular pulse amplitude and systemic blood pressure measurements. *Acta Ophthalmol* 87(3):329-34 (2009) [Epub 2008]
507. K. Kräuchi, P.F. Gasio, S. Vollenweider, M. von Arb, B. Dubler, S. Orgul, J. Flammer, E.Z. Stutz. Cold extremities and difficulties initiating sleep: evidence of co-morbidity from a random sample of a Swiss urban population. *J Sleep Res* 17:420-6 (2008)
508. H.E. Killer, G.P. Jaggi, N.R. Miller, J. Flammer, P. Meyer. Does immunohistochemistry allow easy detection of lymphatics in the optic nerve sheath? *J Histochem Cytochem* 56(12):1087-92 (2008)
509. J. Flammer, M. Mozaffarieh, O. Golubnitschaja. Auffälligkeiten von Leukozyten bei Glaukom-Patienten und ihre Bedeutung. In: *Search on Glaucoma* 76-82 (2008)
510. M. Mozaffarieh, J. Flammer. Pocket reference to ocular blood flow and glaucomatous optic neuropathy. *CMG (Publ.)*, London (2008)
511. M.C. Grieshaber, S. Orgül, J. Flammer. *Glaucoma Therapy: State of the Art*. ACEO (Publ.), Basel (2008)
- 2009**
512. K. Gugleta, A. Kochkorov, D. Kavroulaki, R. Katamay, K. Weier, M. Mehling, L. Kappos, J. Flammer, S. Orgül. Retinal vessels in patients with multiple sclerosis: baseline diameter and response to flicker light stimulation. *Klin Monatsbl Augenheilkd* 226:272-275 (2009)
513. A. Kochkorov, K. Gugleta, D. Kavroulaki, R. Katamay, K. Weier, M. Mehling, L. Kappos, J. Flammer, S. Orgül. Rigidity of retinal vessels in patients with multiple sclerosis. *Klin Monatsbl Augenheilkd* 226:276-279 (2009)
514. I. Rickenbacher, K. Gugleta, C. Zawinka, A. Schötzau, R. Katamay, J. Flammer, S. Orgül. Flickerlichtprovokation bei Vasospastikern verglichen mit gesunden Kontrollpersonen. *Klin Monatsbl Augenheilkd* 226:305-309 (2009)
515. D. Kavroulaki, K. Gugleta, A. Kochkorov, R. Katamay, J. Flammer, S. Orgül. Relation of body mass index and blood pressure to subjective and objective acral temperature. *Klin Monatsbl Augenheilkd* 226:328-331 (2009)
516. P.B. Henrich, S. Priglinger, D. Klaessen, J.-O. Kono-Kono, M. Maier, A. Schötzau, P. Meyer, T. Josifova, U. Schneider, J. Flammer, C. Haritoglou. Macula-off retinal detachment - a matter of time? *Klin Monatsbl Augenheilkd* 226:289-293 (2009)
517. P.B. Henrich, C. Haritoglou, P. Meyer, P.R. Ferreira, A. Schötzau, R. Katamay, T. Josifova, U. Schneider, J. Flammer, S. Priglinger. Anatomical and functional outcome in brilliant blue G assisted chromovitrectomy. *Acta Ophthalmol* 88(5):588-93 (2010) [Epub 2009]
518. M. Mozaffarieh, A. Schötzau, T. Josifova, J. Flammer. The effect of ranibizumab versus photodynamic therapy on DNA damage in patients with exudative macular degeneration. *Mol Vis* 15:1194-1199 (2009)
519. X. Xin, A. Huber, P. Meyer, J. Flammer, A. Neutzner, N.R. Miller, H.E. Killer. L-PGDS (Betatrace Protein) Inhibits Astrocyte Proliferation and Mitochondrial ATP Production in Vitro. *J Mol Neurosci* 39(3):366-71 (2009)
520. R. Katamay, C. Fleischlin, K. Gugleta, J. Flammer, S. Orgül. Volumetric blood flow measurement in the ophthalmic artery using colour Doppler. *Klin Mbl Augenheilkd*. 226(4):249-53 (2009)
521. I. Mikheyteva, E. Lipovetskaya, O. Kopp, M. Mozaffarieh, M.C. Grieshaber, J. Flammer, P. Meyer. Adrenaline-induced chronic ocular hypertension in adult rabbits. *Klin Mbl Augenheilkd*. 226(4):332-6 (2009)
522. J. Flammer, M. Mozaffarieh. The mechanism of glaucomatous damage to the optic nerve. *European Ophthalmic Review* 3(1):33-35 (2009)
523. M.C. Grieshaber, J. Flammer. Is the medication used to achieve the target intraocular pressure in glaucoma therapy of relevance? - An exemplary analysis on the basis of two beta-blockers. *Prog Retin Eye Res*. 29:79-93 (2010) [Epub 2009]
524. D. Kavroulaki, K. Gugleta, A. Kochkorov, R. Katamay, J. Flammer, S. Orgul. Influence of gender and menopausal status on peripheral and choroidal circulation. *Acta Ophthalmol*. 88(8):850-3 (2010) [Epub 2009]
525. M. von Arb, B. Gompper, A.H. Meyer, E.Z. Stutz, S. Orgül, J. Flammer, K. Kräuchi. Relationship between gender role, anger expression, thermal discomfort and sleep onset latency in women. *Biopsychosoc Med*. 13:3-11 (2009)
526. M. Mozaffarieh, R. Osusky, A. Schotzau, J. Flammer. Relationship between optic nerve head and finger blood flow. *Eur J Ophthalmol* 20(1):136-41 (2010) [Epub 2009]

527. K. Yeghiazaryan, J. Flammer, S. Orgül, K. Wunderlich, O. Golubnitschaja. Vasospastic individuals demonstrate significant similarity to glaucoma patients as revealed by gene expression profiling in circulating leukocytes. *Mol Vis* 14(15):2339-48 (2009)

## 2010

528. A. Kochkorov, K. Gugleta, R. Katamay, J. Flammer, S. Orgül. Short-term variability of systemic blood pressure and submacular choroidal blood flow in eyes of patients with primary open-angle glaucoma. *Graefes Arch Clin Exp Ophthalmol* 248(6):833-7 (2010)
529. M. Mozaffarieh, D. Hauenstein, A. Schötzau, K. Konieczka, J. Flammer. Smell perception in normal tension glaucoma patients. *Mol Vis* 16:506-510 (2010)
530. O. Golubnitschaja, K. Yeghiazaryan, S. Orgül, J. Flammer. What are the biomarkers for glaucoma? In: O. Golubnitschaja, Predictive Diagnostics and Personalized Treatment - Dream or Reality?, Nova Science Publ. Inc 375-396 (2009)
531. X. Xin, B. Fan, H.E. Killer, A. Neutzner, J. Flammer, P. Meyer. Primary cell culture of meningotheial cells - a new model to study the arachnoid in glaucomatous optic neuropathy. *Graefes Arch Clin Exp Ophthalmol* 248(9):1273-8 (2010)
532. K. Gugleta, A. Kochkorov, R. Katamay, A. Husner, A. Welge-Lüssen, J. Flammer, S. Orgül. Olfactory function in primary open-angle glaucoma patients. *Klin Mbl Augenheilkd* 227(4):277-9 (2010)
533. M.C. Grieshaber, S. Fraenkl, A. Schoetzau, J. Flammer, S. Orgül. Circumferential Visco canalostomy and Suture Canal Distension (Canaloplasty) for Whites With Open-angle Glaucoma. *J Glaucoma* [Epub ahead of print] (2010)
534. A. Oetli, K. Gugleta, A. Kochkorov, R. Katamay, J. Flammer, S. Orgül. Rigidity of Retinal Vessel in Untreated Eyes of Normal Tension Primary Open-angle Glaucoma Patients. *J Glaucoma* [Epub ahead of print] (2010)
535. M. Mozaffarieh, P. Fontana Gasio, A. Schötzau, S. Orgül, J. Flammer, K. Kräuchi. Thermal discomfort with cold extremities in relation to age, gender, and body mass index in a random sample of a Swiss urban population. *Popul Health Metr* 8:17 (2010)
536. P. Haas, P. Then, A. Wild, W. Grange, S. Zorman, M. Hegner, M. Calame, U. Aebi, J. Flammer, B. Hecht. Quantitative single-molecule detection at ultralow concentrations. *Anal Chem* 82(14):6299-302 (2010)
537. M. Mozaffarieh, S.A. Fraenkl, K. Konieczka, J. Flammer. Targeted preventive measures and advanced approaches in personalised treatment of glaucoma neuropathy. *EPMA* [Epub ahead of print] (2010)
538. S.A. Fraenkl, M. Mozaffarieh, J. Flammer. Retinal vein occlusions: The potential impact of a dysregulation of the retinal veins. *EPMA* 1(2):253-261 (2010)
539. K. Yeghiazaryan, J. Flammer, O. Golubnitschaja. Predictive molecular profiling in blood of healthy vasospastic individuals: clue to targeted prevention as personalised medicine to effective costs *EPMA* [Epub ahead of print] (2010)
540. O. Golubnitschaja, K. Yeghiazaryan, J. Flammer. Key molecular pathways affected by glaucoma pathology: is predictive diagnosis possible? *EPMA* [Epub ahead of print] (2010)
541. P.W. Hasler, J. Flammer. Predictive, preventive and personalised medicine for age-related macular degeneration. *EPMA* [Epub ahead of print] (2010)
542. M. Mozaffarieh, K. Konieczka, J. Flammer. Calcium channel blockers: their use in normal tension glaucoma. *Expert Rev Ophthalmol* 5(5):617-25 (2010)
543. D. Anders, S. Vollenweider, J. Cann, M. Hofstetter, J. Flammer, S. Orgül, K. Kräuchi. Heart-rate variability in women during 40-hour prolonged wakefulness. *Chronobiol Int* 27(8):1609-28 (2010)
544. B. Gompper, V. Bromundt, S. Orgül, J. Flammer, K. Kräuchi. Phase relationship between skin temperature and sleep-wake rhythms in women with vascular dysregulation and controls under real-life conditions. *Chronobiol Int* 27(9-10):1778-96 (2010)
545. M.G. Todorova, L. Bubendorf, C. Prünste, J. Flammer, P. Meyer. Report on Norrie's cytology. *Acta Ophthalmol* [Epub ahead of print] (2010)
546. M. Mozaffarieh, K. Konieczka, D. Hauenstein, A. Schoetzau, J. Flammer. Half a pack of cigarettes a day more than doubles DNA breaks in circulating leukocytes. *Tobacco Induced Diseases* 8:14 (2010)

## 2011

547. K. Konieczka, P. Meyer, A. Schoetzau, A. Neutzner, M. Mozaffarieh, J. Flammer. Effect of avosentan (SPP-301) in porcine ciliary arteries. *Curr Eye Res* 36(2):118-124 (2011)