

Publication list of Makoto Nakamura as of July 7, 2021 (Only written in English)

I. Original Articles

1. Nakamura M, Ara F, Yamada M, Hotta Y, Hayakawa M, Fujiki K, Kanai A, Sakai J, Inoue M, Yamamoto M, Fujiwara Y, Umoto A, Miyazaki S, Shimo-oku M, Furuyama J, Nakajima A, Imachi J. High frequency of mitochondrial ND4 gene mutation in Japanese pedigrees with Leber hereditary optic neuropathy. *Jpn J Ophthalmol* 1992, 36: 56-61. (IF=0.924, CI=24)
2. Nakamura M, Fujiwara Y, Yamamoto M. Homoplasmic and exclusive ND4 gene mutation in Japanese pedigrees with Leber's disease. *Invest Ophthalmol Vis Sci* 1993, 34: 488-495. (IF=3.597, CI=12)
3. Nakamura M, Fujiwara Y, Yamamoto M. The two locus control of Leber hereditary optic neuropathy and a high penetrance in Japanese pedigrees. *Hum Genet* 1993, 91: 339-341. (IF=5.069, CI=29)
4. Fujiwara Y, Nakamura M, Yokoo S. A new anticancer platinum compound, (-)-(R)-2-aminomethylpyrrolidine (1,1-cyclobutanedicarboxylato) platinum (II): DNA interstrand crosslinking, repair and lethal effects in normal human, Fanconi's anaemia and xeroderma pigmentosum cells. *Br J Cancer* 1993, 67:1285-1292. (IF=5.042, CI=10)
5. Nakamura M. Genetic analysis of Japanese pedigrees with Leber's hereditary optic neuropathy. *Kobe Journal of Medical Sciences* 1993, 39:171-182. (IF=0, CI=0)
6. Nakamura M, Yamamoto M. DNA interstrand crosslinking agents and human ocular fibroblasts: Differential sensitivity to Mitomycin-C and cis-Diaminedichloroplatinum (II). *Exp Eye Res* 1994, 59:53-62. (IF=3.259, CI=7)
7. Hotta Y, Fujiki Y, Hayakawa M, Nakajima A, Kanai A, Mashima Y, Hiida Y, Shinoda K, Yamada K, Oguchi Y, Ishida M, Yanashima K, Wakakura M, Ishikawa S, Nakamura M, Sakai J, Yamamoto M, Hayashi T, Mitani I, Miyazaki S, Shimo-oku M, Imachi J, Kuniyoshi N, Nagataki S, Isashiki Y, Ohba N. Clinical features of Japanese Leber's hereditary optic neuropathy with 11778 mutation of mitochondrial DNA. *Jpn J Ophthalmol* 1995, 39: 96-108. (IF= 0.924, CI=33)
8. Nakamura M, Sekiya Y, Yamamoto M. Preservation of photic blink reflex in Leber's hereditary optic neuropathy. *Invest Ophthalmol Vis Sci* 1996, 37: 2736-2743. (IF=3.597, CI=6)
9. Nakamura M, Sekiya Y, Yamamoto M. Evaluation of bilateral undefined optic neuropathy based on mitochondrial genetics. *Neuro-ophthalmology* 1996, 16: 91-97. (IF=0.256, CI=2)
10. Yamamoto M, Dogru M, Nakamura M, Shirabe H, Tsukahara Y, Sekiya Y. Visual function following congenital cataract surgery. *Jpn J Ophthalmol* 1998, 42: 411-416. (IF=0.924, CI=13)
11. Dogru M, Inoue M, Nakamura M, Yamamoto M. Modifying factors related to asymmetric diabetic retinopathy. *Eye* 1998, 12: 929-933. (IF=1.851, CI=14)

12. Shirabe H, Suda K, Mori Y, Dogru M, Nakamura M, Sekiya Y, Yamamoto M. Visual function following unilateral congenital cataract surgery. *American Orthoptic Journal* 1998, 48: 97-103. (IF=0, CI=0)
13. Yamada K, Oguchi Y, Hotta Y, Nakamura M, Isashiki Y, Mashima Y. Multicenter study on the frequency of three primary mutations of mitochondrial DNA in Japanese pedigrees with Leber's hereditary optic neuropathy: Comparison with American and British counterparts. *Neuro-ophthalmology* 1999, 22: 187-193. (IF=0.256, CI=9)
14. Dogru M, Nakamura M, Inoue M, Yamamoto M. Long-term visual outcome in proliferative diabetic retinopathy patients after panretinal photocoagulation. *Jpn J Ophthalmol* 1999, 43: 217-224. (IF=0.924, CI=8)
15. Maeda H, Tanaka Y, Nakamura M, Yamamoto M. Blue-on-Yellow perimetry using an Armaly glaucoma screening program. *Ophthalmologica* 1999, 213: 71-75. (IF=1.424, CI=7)
16. Maeda H, Nakamura M, Yamamoto M. Morphometric features of lamellar pores in lamina cribrosa observed by scanning laser ophthalmoscopy. *Jpn J Ophthalmol* 1999, 43: 415-421. (IF=0.924, CI=8)
17. Dogru M, Shirabe H, Nakamura M, Sekiya Y, Matsuo M, Taoka K, Nomura K, Yamamoto M. Development of grating acuity in infants with retinopathy of prematurity. *Acta Ophthalmol Scand* 1999, 77: 72-75. (IF=1.848, CI=4)
18. Nakamura M, Hara R, Kimura R, Ohgiya N, Yamamoto N, Morino I, Yamamoto M. Optic perineuritis not associated with syphilitic infection. *Neuro-ophthalmology* 1999, 21: 135-145. (IF=0.256, CI=2)
19. Maeda H, Eno A, Nakamura M, Negi A. Safe management of a late-onset bleb leak with a needling technique. *Eye* 2000, 14: 802-804. (IF=1.851, CI=6)
20. Maeda H, Nakamura M, Negi A. New perimetric threshold test algorithm with dynamic strategy and tendency oriented perimetry (TOP) in glaucomatous eyes. *Eye* 2000, 14: 747-751. (IF=1.851, CI=7)
21. Nakamura M, Yamamoto M. Variable pattern of visual recovery of Leber's hereditary optic neuropathy. *Br J Ophthalmol* 2000, 84: 534-535. (IF=2.902, CI=16)
22. Dogru M, Shirabe H, Nakamura M, Taoka K, Nomura K, Yamamoto M. Effect of retinopathy of prematurity on resolution acuity development in 1-to 3-year-old children. *J Pediatric Ophthalmol Strabismus* 2001, 38: 144-148. (IF=0.626, CI=0)
23. Maeda H, Nakamura M, Negi A. Selective reduction of the S-cone component of the electroretinogram in Posner-Schlossman syndrome. *Eye* 2001, 15: 163-167. (IF=1.851, CI=1)
24. Barber AJ, Nakamura M (equal contributor), Wolpert EB, Reiter CEN, Seigel GM, Antonetti DA, Gardner TW. Insulin rescues retinal neurons from apoptosis by a phosphatidylinositol

- 3-kinase/akt-mediated mechanism that reduces the activation of caspase-3. *J Biol Chem* 2001, 276: 32814-32821. (IF=4.773, CI=154)
25. Nakamura M, Barber AJ, Antonetti DA, LaNoue KF, Robinson KA, Buse MG, Gardner TW. Excessive hexosamines block the neuroprotective effect of insulin and induce apoptosis in retinal neurons. *J Biol Chem* 2001, 276: 43748-43755. (IF=4.773, CI=73)
26. Kanamori A, Escano MT, Eno A, Nakamura M, Maeda H, Seya R, Ishibashi K, Negi A. Evaluation of the effect of aging on retinal nerve fiber layer thickness measured by optical coherence tomography. *Ophthalmologica* 2003, 217: 273-278. (IF=1.424, CI=55)
27. Kanamori A, Nakamura M, Escano MFT, Seya R, Maeda H, Negi A. Evaluation of the glaucomatous damage on retinal nerve fiber layer thickness measured by optical coherence tomography. *Am J Ophthalmol* 2003, 135:513-520. (IF=4.223, CI=146)
28. Kanamori A, Nakamura M (corresponding author), Mukuno H, Maeda H, Negi A. Diabetes has an additive effect on neural apoptosis in rat retina with chronically elevated intraocular pressure. *Curr Eye Res* 2004, 28: 47-54. (IF=1.28, CI=35)
29. Kanamori A, Matsui N, Tatsumi Y, Nagai A, Nakanishi Y, Nakamura M, Negi A. Optical coherence tomography detects characteristic retinal nerve fiber layer thickness corresponding to band atrophy of the optic discs. *Ophthalmology* 2004, 111: 2278-2283. (IF=5.454, CI=38)
30. Kanamori A, Nakamura M (corresponding author), Nakanishi Y, Nagai A, Mukuno H, Yamada Y, Negi A. Akt is activated via insulin / IGF-1 receptor in rat retina with episcleral vein cauterization. *Brain Res* 2004, 1022: 195-204. (IF=2.728, CI=19)
31. Mukuno H, Nakamura M (corresponding author), Nagai A, Kanamori A, Negi A. Unoprostone isopropyl rescues retinal progenitor cells from apoptosis in vitro. *Curr Eye Res* 2004, 29: 457-464. (IF=1.28, CI=13)
32. Kanamori A, Nagai-Kusuhara A, Escano MF, Maeda H, Nakamura M, Negi A. Comparison of confocal scanning laser ophthalmoscopy, scanning laser polarimetry and optical coherence tomography to discriminate ocular hypertension and glaucoma at an early stage. *Graefes Arch Clin Exp Ophthalmol* 2005, 26: 1-11. (IF=2.17, CI=46)
33. Kanamori A, Nakamura M (corresponding author), Nakanishi Y, Yamada Y, Negi A. Long-term glial reactivity in rat retinas ipsilateral and contralateral to experimental glaucoma. *Exp Eye Res* 2005, 81: 48-56. (IF=3.259, CI=26)
34. Reiter CE, Wu X, Sandirasegarane L, Nakamura M, Gilbert KA, Singh RS, Fort PE, Antonetti DA, Gardner TW. Diabetes reduces basal retinal insulin receptor signaling: reversal with systemic and local insulin. *Diabetes* 2006, 55: 1148-1156. (IF=8.286, CI=48)
35. Nakanishi Y, Nakamura M (corresponding author), Tatsumi Y, Nagai-Kusuhara A, Negi A. Quantification of retinal nerve fiber thickness reduction associated with a relative afferent pupillary defect. *Graefes Arch Clin Exp Ophthalmol* 2006, 244:1480-1484. (IF=2.17 CI=4)

36. Kusahara S, Nakamura M, Nagai-Kusahara A, Nakanishi Y, Kanamori A, Negi A. Macular thickness reduction in eyes with unilateral optic atrophy detected with optical coherence tomography. *Eye* 2006, 20: 882-887. (IF=1.851, CI=6)
37. Nakanishi Y, Nakamura M (**corresponding author**), Mukuno H, Kanamori A, Seigel GM, Negi A. Latanoprost rescues retinal neuro-glial cells from apoptosis by inhibiting caspase-3, which is mediated by p44/p42 mitogen-activated protein kinase. *Exp Eye Res* 2006, 83:1108-1117. (IF=3.259, CI=19)
38. Nakamura M, Darhad U, Tatsumi Y, Fujioka M, Kusahara A, Maeda H, Negi A. Agreement of rebound tonometer in measuring intraocular pressure with three types of applanation tonometers. *Am J Ophthalmol* 2006, 142: 332-334. (IF=4.223, CI=32)
39. Nagai-Kusahara A, Nakamura M (**corresponding author**), Mukuno H, Kanamori A, Negi A, Seigel GM. cAMP-responsive element binding protein mediates a cGMP/protein kinase G-dependent anti-apoptotic signal induced by nitric oxide in retinal neuro-glial progenitor cells. *Exp Eye Res*. 2007, 84: 152-162. (IF=3.259, CI=13)
40. Fujioka M, Nakamura M (**corresponding author**), Tatsumi Y, Kusahara A, Maeda H, Negi A. Comparison of Pentacam Scheimpflug camera with ultrasound pachymetry and noncontact specular microscopy in measuring central corneal thickness. *Curr Eye Res* 2007, 32: 89-94. (IF=1.28, CI=21)
41. Tatsumi Y, Nakamura M (**corresponding author**), Fujioka M, Nakanishi Y, Kusahara A, Maeda H, Negi A. Quantification of retinal nerve fiber layer thickness reduction associated with a relative afferent pupillary defect in asymmetric glaucoma. *Br J Ophthalmol* 2007, 91: 633-637. (IF=2.902, CI=7)
42. Nagai-Kusahara A, Nakamura M (**corresponding author**), Kanamori A, Nakanishi Y, Kusahara S, Negi A. Evaluation of optic nerve head configuration in various types of optic neuropathy with Heidelberg Retina Tomograph. *Eye*. 2008, 22: 1154-1160. (IF=1.851, CI=7)
43. Nagai-Kusahara A, Nakamura M (**corresponding author**), Fujioka M, Tatsumi Y, Negi A. Association of retinal nerve fiber layer thickness measured by confocal scanning laser ophthalmoscopy and optical coherence tomography with disc size and axial length. *Br J Ophthalmol* 2008, 92: 186-190. (IF=2.902, CI=26)
44. Nagai-Kusahara A, Nakamura M (**corresponding author**), Fujioka M, Negi A. Long-term results of amniotic membrane transplantation-assisted bleb revision for leaking blebs. *Graefes Arch Clin Exp Ophthalmol*. 2008, 246: 567-571. (IF=2.17, CI=6)
45. Shibuya E, Meguro A, Ota M, Kashiwagi K, Mabuchi F, Iijima H, Kawase K, Yamamoto T, Nakamura M, Negi A, Sagara T, Nishida T, Inatani M, Tanihara H, Aihara M, Araie M, Fukuchi T, Abe H, Higashide T, Sugiyama K, Kanamoto T, Kiuchi Y, Iwase A, Ohno S, Inoko H, Mizuki

- N. Association of Toll-like receptor 4 gene polymorphisms with normal tension glaucoma. *Invest Ophthalmol Vis Sci.* 2008, 49: 4453-4457. (IF=3.597, CI=25)
46. Nagai-Kusuhara A, Nakamura M (**corresponding author**), Tatsumi Y, Nakanishi Y, Negi A. Disagreement between Heidelberg Retina Tomograph and optical coherence tomography in assessing optic nerve head configuration of eyes with band atrophy and normal eyes. *Br J Ophthalmol.* 2008, 92: 1382-1386. (IF=2.902, CI=8)
47. Tatsumi Y, Kanamori A, Nagai-Kusuhara A, Nakanishi Y, Agarwal N, Negi A, Nakamura M (**corresponding author**). Nipradilol protects rat retinal ganglion cells from apoptosis induced by serum deprivation in vitro and by diabetes in vivo. *Curr Eye Res.* 2008, 33: 683-692. (IF=1.28, CI=2)
48. Akiyama M, Yatsu K, Ota M, Katsuyama Y, Kashiwagi K, Mabuchi F, Iijima H, Kawase K, Yamamoto T, Nakamura M, Negi A, Sagara T, Kumagai N, Nishida T, Inatani M, Tanihara H, Ohno S, Inoko H, Mizuki N. Microsatellite analysis of the GLC1B locus on chromosome 2 points to NCK2 as a new candidate gene for normal tension glaucoma. *Br J Ophthalmol.* 2008, 92: 1293-1296. (IF=2.902, CI=4)
49. Darhad U, Nakamura M (**corresponding author**), Fujioka M, Tatsumi Y, Nagai-Kusuhara A, Maeda H, Negi A. Intraocular pressure lowering effect of once daily versus once weekly latanoprost instillation in the same normal individuals. *Kobe J Med Sci.* 2008, 53:297-304. (IF=0, CI=0)
50. Kanamori A, Naka M, Nagai-Kusuhara A, Yamada Y, Nakamura M, Negi A. Regional relationship between retinal nerve fiber layer thickness and corresponding visual field sensitivity in glaucomatous eyes. *Arch Ophthalmol.* 2008, 126: 1500-1506. (IF=3.711, CI=14)
51. Murakami Y, Ikeda Y, Yonemitsu Y, Onimaru M, Nakagawa K, Kohno R, Miyazaki M, Hisatomi T, Nakamura M, Yabe T, Hasegawa M, Ishibashi T, Sueishi K. Inhibition of nuclear translocation of apoptosis-inducing factor is an essential mechanism of the neuroprotective activity of pigment epithelium-derived factor in a rat model of retinal degeneration. *Am J Pathol* 2008, 173: 1326-1338. (IF=4.89, CI=30)
52. Nakamura M, Kanamori A, Nagai-Kusuhara A, Kusuhara S, Yamada Y, Negi A. Serous macular detachment due to diabetic papillopathy detected using optical coherence tomography. *Arch Ophthalmol* 2009, 127: 105-107. (IF=3.711, CI=0)
53. Nagai-Kusuhara A, Nakamura M (**corresponding author**), Kanamori A, Negi A. Association of optic disc configuration and clustered visual field sensitivity in glaucomatous eyes with hemifield visual field defects. *J Glaucoma* 2009, 18: 62-68. (IF=1.776, CI=2)
54. Kanamori A, Naka M, Fukuda M, Nakamura M, Negi A. Latanoprost protects rat retinal ganglion cells from apoptosis in vitro and in vivo. *Exp Eye Res.* 2009, 88: 535-541. (IF=3.259, CI=9)

55. Arimura N, Ki-I Y, Hashiguchi T, Kawahara K, Biswas KK, Nakamura M, Sonoda Y, Yamakiri K, Okubo A, Sakamoto T, Maruyama I. Intraocular expression and release of high-mobility group box 1 protein in retinal detachment. *Lab Invest* 2009, 89: 278-289. (IF=3.641, CI=17)
56. Nakamura J, Meguro A, Ota M, Nomura E, Nishide T, Kashiwagi K, Mabuchi F, Iijima H, Kawase K, Yamamoto T, Nakamura M, Negi A, Sagara T, Nishida T, Inatani M, Tanihara H, Aihara M, Araie M, Fukuchi T, Abe H, Higashide T, Sugiyama K, Kanamoto T, Kiuchi Y, Iwase A, Ohno S, Inoko H, Mizuki N. Association of toll-like receptor 2 gene polymorphisms with normal tension glaucoma. *Mol Vis* 2009, 15: 2905-2910. (IF=2.205, CI=2)
57. Kanamori A, Naka M, Fukuda M, Nakamura M, Negi A. Tafluprost protects rat retinal ganglion cells from apoptosis in vitro and in vivo. *Graefes Arch Clin Exp Ophthalmol.* 2009, 247: 1353-1360. (IF=2.17, CI=6)
58. Nakamura K, Ota M, Meguro A, Nomura N, Kashiwagi K, Mabuchi F, Iijima H, Kawase K, Yamamoto T, Nakamura M, Negi A, Sagara T, Nishida T, Inatani M, Tanihara H, Aihara M, Araie M, Fukuchi T, Abe H, Higashide T, Sugiyama K, Kanamoto T, Kiuchi Y, Iwase A, Ohno S, Inoko H, Mizuki N. Association of microsatellite polymorphisms of the GPDS1 locus with normal tension glaucoma in the Japanese population. *Clin Ophthalmol* 2009, 3: 307-312. (IF=0, CI=0)
59. Kamino M, Meguro A, Nomura N, Kashiwagi K, Mabuchi F, Iijima H, Kawase K, Yamamoto T, Nakamura M, Negi A, Sagara T, Nishida T, Inatani M, Tanihara H, Aihara M, Araie M, Fukuchi T, Abe H, Higashide T, Sugiyama K, Kanamoto T, Kiuchi Y, Iwase A, Ohno S, Inoko H, Mizuki N. Investigation of the association between the GLC3A locus and normal tension glaucoma in Japanese patients with microsatellite analysis. *Clin Ophthalmol* 2009, 3: 183-188. (IF=0, CI=0)
60. Naka M, Kanamori A, Tatsumi Y, Fujioka M, Nagai-Kusuhara A, Nakamura M, Negi A. Comparison of mean deviation with AGIS and CIGTS scores in association with structural parameters in glaucomatous eyes. *J Glaucoma* 2009, 18: 379-384. (IF=1.776, CI=1)
61. Suzuki M, Meguro A, Ota M, Nomura E, Kato T, Nomura N, Kashiwagi K, Mabuchi F, Iijima H, Kawase K, Yamamoto T, Nakamura M, Negi A, Sagara T, Nishida T, Inatani M, Tanihara H, Aihara M, Araie M, Fukuchi T, Abe H, Higashide T, Sugiyama K, Kanamoto T, Kiuchi. Genotyping HLA-DRB1 and HLA-DQB1 alleles in Japanese patients with normal tension glaucoma. *Mol Vis* 2010, 16: 1874-1879. (IF=2.205, CI=0)
62. The writing committee for the normal tension glaucoma genetic study group of Japan Glaucoma Society. Genome-wide association study of normal tension glaucoma: Common variants in SRBD1 and ELOLV5 contribute to disease susceptibility. *Ophthalmology* 2010, 117: 1331-1338. (IF=5.454, CI=20)
63. Murakami K, Meguro A, Ota M, Shiota T, Nomura N, Kashiwagi K, Mabuchi F, Iijima H, Kawase K, Yamamoto T, Nakamura M, Negi A, Sagara T, Nishida T, Inatani M, Tanihara H,

- Aihara M, Araie M, Fukuchi T, Abe H, Higashide T, Sugiyama K, Kanamoto T, Kiuchi Y, Iwase A, Ohno S, Inoko H, Mizuki N. Analysis of microsatellite polymorphisms within the GLC1F locus in Japanese patients with normal tension glaucoma. *Mol Vis* 2010, 16: 462-466. (IF=2.205, CI=0)
64. Fukuda M, Nakanishi Y, Fuse M, Yokoi N, Hamada Y, Fukagawa M, Negi A, Nakamura M (**corresponding author**). Altered expression of aquaporins 1 and 4 coincides with neurodegenerative events in retinas of spontaneously diabetic Torii rats. *Exp Eye Res* 2010, 90: 17-25. (IF=3.259, CI=5)
65. Naka M, Kanamori A, Negi A, Nakamura M (**corresponding author**). Reduced expression of aquaporin-9 in rat optic nerve head and retina following elevated intraocular pressure. *Invest Ophthalmol Vis Sci* 2010, 51: 4618-4626. (IF=3.597, CI=7)
66. Otsuka H, Arimura N, Sonoda S, Nakamura M, Hashiguchi T, Maruyama I, Nakao S, Hafezi-Moghadam A, Sakamoto T. Stromal cell-derived factor 1 is essential for photoreceptor cell protection in retinal detachment. *Am J Pathol* 2010, 177: 2268-2277. (IF=4.89, CI=7)
67. Ishikawa K, Nagai T, Yamada Y, Negi A, Nakamura M (**corresponding author**). Optimal conditions for multifocal VEP recording for normal Japanese population established by receiver operating characteristic analysis. *Doc Ophthalmol* 2011, 122: 29-37. (IF=2.107, CI=2)
68. Fukuda M, Naka M, Mizokami J, Negi A, Nakamura M (**corresponding author**). Diabetes induces expression of aquaporin-0 in the retinal nerve fibers of spontaneously diabetic Torii rats. *Exp Eye Res* 2011, 91: 195-201 (IF=3.259, CI=1).
69. Yamamoto T, Kuwayama Y, The Collaborative Bleb-related Infection Incidence and Treatment Study Group. Interim clinical outcomes in the collaborative bleb-related infection incidence and treatment study. *Ophthalmology* 2011, 118: 453-458. (IF=5.454, CI=5)
70. Yasumura R, Meguro A, Ota M, Nomura E, Uemoto R, Kashiwagi K, Mabuchi F, Iijima H, Kawase K, Yamamoto T, Nakamura M, Negi A, Sagara T, Nishida T, Inatani M, Tanihara H, Aihara M, Araie M, Fukuchi T, Abe H, Higashide T, Sugiyama K, Kanamoto T, Kiuchi Y, Iwase A, Ohno S, Inoko H, Mizuki N. Investigation of the association between SLC1A3 gene polymorphisms and normal tension glaucoma. *Mol Vis* 2011, 17: 792-796. (IF=2.205, CI=1)
71. Mizokami J, Yamada Y, Negi A, Nakamura M (**corresponding author**). Postural changes in intraocular pressure are associated with asymmetrical retinal nerve fiber thinning in treated patients with primary open-angle glaucoma. *Graefes Arch Clin Exp Ophthalmol*, 2011, 249:879-885. (IF=2.17, CI=3)
72. Fort PE, Losiewicz MK, Reiter CEN, Singh RSJ, Nakamura M, Abcouwer SF, Barber AJ, Gardner TW. Differential roles of hyperglycemia and hypoinsulinemia in diabetes induced retinal cell death: Evidence for retinal insulin resistance. *PloS One* 2011, 6: e26498. (IF=4.092, CI=1)

73. Nakamura M, Ishikawa K, Nagai T, Negi A. Receiver-operating characteristic analysis of multifocal VEPs to diagnose and quantify glaucomatous functional damage. *Doc Ophthalmol* 2011, 123: 93-108. (IF=2.107, CI=0)
74. Mizokami J, Kanamori A, Negi A, Nakamura M (corresponding author). A preliminary study of reduced expression of aquaporin-9 in the optic nerve of primate and human eyes with glaucoma. *Curr Eye Res* 2011, 36: 1064-1067. (IF=1.28, CI=1)
75. Nakamura M, Naka M, Tatsumi Y, Nagai-Kusuhara A, Kanamori A, Yamada Y, Negi A. Filtering bleb structure associated with long-term intraocular pressure control after amniotic membrane-assisted trabeculectomy. *Curr Eye Res* 2012, 37: 239-250. (IF=1.28, CI=0)
76. Kanamori A, Nakamura M, Tabuchi K, Yamada Y, Negi A. Effects of ocular rotation on parapapillary retinal nerve fiber layer thickness analysis measured with spectral-domain optical coherence tomography. *Jpn J Ophthalmol*. 2012, 56:354-361. (IF=0.924, CI=1)
77. Kanamori A, Nakamura M, Tomioka M, Kawaka Y, Yamada Y, Negi A. Agreement among three types of spectral-domain optical coherent tomography instruments in measuring parapapillary retinal nerve fibre layer thickness. *Br J Ophthalmol* 2012, 96: 832-837. (IF=2.902, CI=1)
78. Kanamori A, Nakamura M, Yamada Y, Negi A. Longitudinal study of retinal nerve fiber layer thickness and ganglion cell complex in traumatic optic neuropathy. *Arch Ophthalmol*. 2012, 130:1067-1069. (IF=3.711, CI=0)
79. Nakamura M, Ishikawa-Tabuchi K, Kanamori A, Yamada Y, Negi A. Better performance of RTVue than Cirrus spectral-domain optical coherence tomography in detecting band atrophy of the optic nerve. *Graefes Arch Clin Exp Ophthalmol*. 2012, 250: 1499-1507. (IF=2.17, CI=0)
80. Kanamori A, Nakamura M, Yamada Y, Negi A. Spectral-domain optical coherence tomography detects optic atrophy due to optic tract syndrome. *Graefes Arch Clin Exp Ophthalmol* 2013, 251: 591-595. (IF=2.17, CI=0)
81. Otsuka H, Kawano H, Sonoda S, Nakamura M, Sakamoto T: Particle-induced endophthalmitis: Possible mechanisms of sterile endophthalmitis after intravitreal triamcinolone. *Invest Ophthalmol Vis Sci* 2013; 54: 1758-1766. (IF=3.597, CI=3)
82. Miki A, Kanamori A, Negi A, Naka M, Nakamura M (corresponding author). The loss of aquaporin 9 expression adversely affects the survival of retinal ganglion cells. *Am J Pathol* 2013, 182: 1727-1739 (IF=4.89, CI=0)
83. Sakamoto M, Kanamori A, Fujihara M, Yamada Y, Nakamura M, Negi A. Assessment of IcareOne rebound tonometer for self-measuring intraocular pressure. *Acta Ophthalmol* 2013, Epub ahead of print (IF=2.629, CI=0)
84. Kanamori A, Nakamura M, Tomioka M, Kawaka Y, Yamada Y, Negi A. Structure-function relationship among three types of spectral-domain optical coherent tomography instruments in

- measuring parapapillary retinal nerve fiber layer thickness. *Acta Ophthalmol* 2013, 91:e196-202 (IF=2.629, CI=0)
85. Akashi A, Kanamori A, Nakamura M, Fujihara M, Yamada Y, Negi A. Comparative assessment for the ability of Cirrus, RTVue, and 3D-OCT to diagnose glaucoma. *Invest Ophthalmol Vis Sci* 2013; 54: 4478-4484. (IF=3.597, CI=0).
 86. Kato T, Meguro A, Nomura E, Uemoto R, Nomura N, Ota M, Kashiwagi K, Mabuchi F, Iijima H, Kawase K, Yamamoto T, Nakamura M, Negi A, Sagara T, Nishida K, Inatani M, Tanihira H, Aihara M, Araie M, Fukuchi T, Abe H, Higashide T, Sugiyama K, Kanamoto T, Kiuchi Y, Iwase A, Chin S, Inoko H, Mizuki N. Association study of genetic variants on chromosome 7q31 with susceptibility to normal tension glaucoma in a Japanese population. *Eye* 2013; 27: 979-983. (IF=1.851, CI=0).
 87. Akashi A, Kanamori A, Nakamura M, Fujihara M, Yamada Y, Negi A. The ability of macular parameters and circumpapillary retinal nerve fiber layer by three SD-OCT instruments to diagnose highly myopic glaucoma. *Invest Ophthalmol Vis Sci* 2013, 54(9):6025-32. (IF=3.597, CI=0).
 88. Kanamori A, Naka M, Akashi A, Fujihara M, Yamada Y, Nakamura M. Cluster analyses of grid-pattern display in macular parameters using optical coherence tomography for glaucoma diagnosis. *Invest Ophthalmol Vis Sci*. 2013, 54(9):6401-8.
 89. Matsumoto Y, Kanamori A, Nakamura M, Takahashi T, Nakashima I, Negi A. Sera from patients with seropositive neuromyelitis optica spectral disorders caused the degeneration of rodent optic nerve. *Exp Eye Res*. 2014,119:61-9.
 90. Yamamoto T, Sawada A, Mayama C, Araie M, Ohkubo S, Sugiyama K, Kuwayama Y; Collaborative Bleb-Related Infection Incidence and Treatment Study Group. The 5-year incidence of bleb-related infection and its risk factors after filtering surgeries with adjunctive mitomycin C: collaborative bleb-related infection incidence and treatment study 2. *Ophthalmology*. 2014,121(5):1001-6.
 91. Matsumoto Y, Fujihara M, Kanamori A, Yamada Y, Nakamura M (corresponding author). Effect of axial length reduction after trabeculectomy on the development of hypotony maculopathy. *Jpn J Ophthalmol*. 2014, 58(3):267-75.
 92. Matsumoto Y, Kanamori A, Nakamura M, Negi A. Rat chronic glaucoma model induced by intracameral injection of microbeads suspended in sodium sulfate-sodium hyaluronate. *Jpn J Ophthalmol*. 2014 May, (3):290-7.
 93. Kawano H, Ito T, Yamada S, Hashiguchi T, Maruyama I, Hisatomi T, Nakamura M, Sakamoto T. Toxic effects of extracellular histones and their neutralization by vitreous in retinal detachment. *Lab Invest*. 2014, 94(5):569-85.

94. Nakamura M, Kato K, Kamata S, Ishikawa K, Nagai T. Effect of refractive errors on multifocal VEP responses and standard automated perimetry tests in a single population. *Doc Ophthalmol*. 2014, 128(3):179-89.
95. Akashi A, Kanamori A, Ueda K, Matsumoto Y, Yamada Y, Nakamura M. The detection of macular analysis by SD-OCT for optic chiasmal compression neuropathy and nasotemporal overlap. *Invest Ophthalmol Vis Sci*. 2014,55(7) :4667-72.
96. Sakamoto M, Kanamori A, Fujihara M, Yamada Y, Nakamura M, Negi A. Assessment of IcareONE rebound tonometer for self-measuring intraocular pressure. *Acta Ophthalmol*. 2014;92:243-8
97. Miki A, Kanamori A, Nakamura M, Matsumoto Y, Mizokami J, Negi A. The expression of syntaphilin is down-regulated in the optic nerve after axonal injury. *Exp Eye Res*. 2014;129:38-47.
98. Hirose M, Matsumiya W, Honda S, Nakamura M. Efficacy and visual prognostic factors of intravitreal bevacizumab as needed for macular edema secondary to central retinal vein occlusion. *Clin Ophthalmol*. 2014;8:2301-5.
99. Akashi A, Kanamori A, Ueda K, Inoue Y, Yamada Y, Nakamura M. The Ability of SD-OCT to Differentiate Early Glaucoma With High Myopia From Highly Myopic Controls and Nonhighly Myopic Controls. *Invest Ophthalmol Vis Sci*. 2015;56: 6573-80.
100. Ueda K, Kanamori A, Akashi A, Matsumoto Y, Yamada Y, Nakamura M. Evaluation of the distribution pattern of the circumpapillary retinal nerve fibre layer from the nasal hemiretina. *Br J Ophthalmol*. 2015;99:1419-23.
101. Inoue Y, Kato K, Kamata S, Ishikawa K, Nakamura M. Reproducibility in the global indices for multifocal visual evoked potentials and Humphrey visual fields in controls and glaucomatous eyes within a 2-year period. *Doc Ophthalmol*. 2015;131:115-24.
102. Ueda K, Kanamori A, Akashi A, Kawaka Y, Yamada Y, Nakamura M. Difference in correspondence between visual field defect and inner macular layer thickness measured using three types of spectral-domain OCT instruments. *Jpn J Ophthalmol*. 2015;59:55-64
103. Akashi A, Miki A, Kanamori A, Nakamura M. Aquaporin 9 expression is required for l-lactate to maintain retinal neuronal survival. *Neurosci Lett*. 2015;589:185-90.
104. Matsumiya W, Honda S, Otsuka K, Miki A, Nagai T, Imai H, Kusuhara S, Nakamura M. Comparison of the Effectiveness and Prognostic Factors of Intravitreal Ranibizumab between Typical Neovascular Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy over 24 Months of Follow-Up. *Ophthalmologica*. 2015;234:33-9.
105. Ueda K, Kanamori A, Akashi A, Tomioka M, Kawaka Y, Nakamura M. Effects of Axial Length and Age on Circumpapillary Retinal Nerve Fiber Layer and Inner Macular Parameters Measured by 3 Types of SD-OCT Instruments. *J Glaucoma*. 2016;25(4):383-9.
106. Nishisako M, Meguro A, Nomura E, Yamane T, Takeuchi M, Ota M, Kashiwagi K, Mabuchi F, Iijima H, Kawase K, Yamamoto T, Nakamura M, Negi A, Sagara T, Nishida T, Inatani M, Tanihara H, Aihara M, Araie M, Fukuchi T, Abe H, Higashide T, Sugiyama K, Kanamoto T, Kiuchi Y, Iwase A, Chin S, Ohno S, Inoko H, Mizuki N. SLC1A1 Gene

- Variants and Normal Tension Glaucoma: An Association Study. *Ophthalmic Genet.* 2016;15:1-7.
107. Nobuyoshi S, Kanamori A, Matsumoto Y, Nakamura M. Rescue effects of intravenous immunoglobulin on optic nerve degeneration in a rat model of neuromyelitis optica. *Jpn J Ophthalmol.* 2016 Sep;60(5):419-23
 108. Sakamoto M, Mori S, Ueda K, Akashi A, Inoue Y, Kurimoto T, Kanamori A, Yamada Y, Nakamura M. Diagnostic utility of combined retinal ganglion cell count estimates in Japanese glaucoma patients. *Jpn J Ophthalmol.* 2018 ;62(1):31-40.
 109. Nakai S, Honda S, Matsumiya W, Miki A, Nakamura M. ARMS2 variants may predict the 3-year outcome of photodynamic therapy for wet age-related macular degeneration. *Mol Vis.* 2017 ;23:514-519. eCollection 2017.
 110. Ueda K, Morizane Y, Shiraga F, Shikishima K, Ishikawa H, Wakakura M, Nakamura M. Nationwide epidemiological survey of Leber hereditary optic neuropathy in Japan. *J Epidemiol.* 2017;27(9):447-450.
 111. Nakai S, Honda S, Miki A, Matsumiya W, Nakamura M. Comparison of the 12-month outcomes of intravitreal ranibizumab between two angiographic subtypes of polypoidal choroidal vasculopathy. *Ophthalmologica.* 2017;237(3):123-127.
 112. Matsumoto Y, Mori S, Ueda K, Kurimoto T, Kanamori A, Yamada Y, Nakashima I, Nakamura M. Impact of the anti-aquaporin-4 autoantibody on inner retinal structure, function and structure-function associations in Japanese patients with optic neuritis. *PLoS One.* 2017 Feb 15;12(2):e0171880.
 113. Honda S, Miki A, Kusuhara S, Imai H, Nakamura M. Choroidal thickness of central serous chorioretinopathy secondary to corticosteroid use. *Retina.* 2017;37(8):1562-1567.
 114. Matsumiya W, Honda S, Otsuka K, Miki A, Nagai T, Imai H, Kusuhara S, Nakamura M. One-year outcome of combination therapy with intravitreal aflibercept and verteporfin photodynamic therapy for polypoidal choroidal vasculopathy. *Graefes Arch Clin Exp Ophthalmol.* 2017;255(3):541-548.
 115. Sakamoto M, Mori S, Ueda K, Akashi A, Inoue Y, Kurimoto T, Kanamori A, Yamada Y, Nakamura M. Diagnostic utility of combined retinal ganglion cell count estimates in Japanese glaucoma patients. *Jpn J Ophthalmol.* 2018 ;62(1):31-40.
 116. Ueda K, Onishi A, Ito SI, Nakamura M, Takahashi M. Generation of three-dimensional retinal organoids expressing rhodopsin and S- and M-cone opsins from mouse stem cells. *Biochem Biophys Res Commun.* 2018;495(4):2595-2601.
 117. Sakamoto M, Matsumoto Y, Mori S, Ueda K, Inoue Y, Kurimoto T, Kanamori A, Yamada Y, Nakamura M. Excessive scleral shrinkage, rather than choroidal thickening, is a major contributor to the development of hypotony maculopathy after trabeculectomy. *PLoS One.* 2018;13(1):e0191862..
 118. (Shiga Y), Nakamura M, et al. Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. *Hum Mol Genet.* 2018;27(8):1486-1496.

119. Kusahara S, Katsuyama A, Matsumiya W, Nakamura M. Efficacy and safety of ripasudil, a Rho-associated kinase inhibitor, in eyes with uveitic glaucoma. *Graefes Arch Clin Exp Ophthalmol*. 2018;256(4):809-814.
120. Mori S, Kurimoto T, Ueda K, Nakamura M. Short-term effect of additional apheresis on visual acuity changes in patients with steroid-resistant optic neuritis in neuromyelitis optica spectrum disorders. *Jpn J Ophthalmol*. 2018;62(4):525-530.
121. (Hosoda Y), Honda S, Miki A, Nakamura M; Nagahama Study Group. CFH and VIPR2 as susceptibility loci in choroidal thickness and pachychoroid disease central serous chorioretinopathy. *Proc Natl Acad Sci U S A*. 2018;115(24):6261-6266.
122. Mori S, Sakamoto M, Kurimoto T, Kanamori A, Ueda K, Inoue Y, Yamada Y, Nakamura M. Effectiveness and safety of sulcus fixation of Baerveldt glaucoma implants in glaucomatous eyes in patients who underwent multiple intraocular surgeries. *Graefes Arch Clin Exp Ophthalmol*. 2018. 256(10):1953-1960
123. Sakamoto M, Mori S, Ueda K, Kurimoto T, Kusahara S, Yamada-Nakanishi Y, Nakamura M. En Face Slab Images Visualize Nerve Fibers With Residual Visual Sensitivity in Significantly Thinned Macular Areas of Advanced Glaucomatous Eyes. *Invest Ophthalmol Vis Sci*. 2019;60(8):2811-2821.
124. Kurimoto T, Ueda K, Mori S, Sakamoto M, Yamada-Nakanishi Y, Matsumiya W, Nakamura M. A study protocol for evaluating the efficacy and safety of skin electrical stimulation for Leber hereditary optic neuropathy: a single-arm, open-label, non-randomized prospective exploratory study. *Clin Ophthalmol*. 2019;13:897-904.
125. Ishikawa H, Kezuka T, Shikishima K, Yamagami A, Hiraoka M, Chuman H, Nakamura M, Hoshi K, Goseki T, Mashimo K, Mimura O, Yoshitomi T, Tanaka K; Working Group on Diagnostic Criteria for Refractory Optic Neuritis Based on Neuroimmunological Perspective. Epidemiologic and Clinical Characteristics of Optic Neuritis in Japan. *Ophthalmology*. 2019 126(10):1385-1398.
126. Tetsumoto A, Imai H, Otsuka K, Matsumiya W, Miki A, Nakamura M. Clinical factors contributing to postoperative aqueous flare intensity after 27-gauge pars plana vitrectomy for the primary rhegmatogenous retinal detachment. *Jpn J Ophthalmol*. 2019 63(4):317-321.
127. Katsuyama A, Kusahara S, Nishisho R, Matsumiya W, Azumi A, Nakamura M. Long-term efficacy and safety of infliximab and cyclosporine combination therapy for refractory uveoretinitis in Behçet's disease. *Clin Ophthalmol*. 2019;13:521-527.
128. Mori S, Kurimoto T, Kanamori A, Sakamoto M, Ueda K, Yamada-Nakanishi Y, Nakamura M. Discordance of Disc-Fovea Raphe Angles Determined by Optical Coherence Tomography and MP-3 Microperimetry in Eyes With a Glaucomatous Hemifield Defect. *Invest Ophthalmol Vis Sci*. 2019;60(5):1403-1411.
129. Nakai S, Matsumiya W, Otsuka K, Miki A, Nakamura M, Honda S. The 24-month outcomes of intravitreal aflibercept combined with photodynamic therapy for polypoidal choroidal vasculopathy. *Jpn J Ophthalmol*. 2019;63(1):100-108.
130. Nakai S, Matsumiya W, Miki A, Honda S, Nakamura M. Association of an age-related maculopathy susceptibility 2 gene variant with the 12-month outcomes of intravitreal

- aflibercept combined with photodynamic therapy for polypoidal choroidal vasculopathy. *Jpn J Ophthalmol.* 2019 63(5):389-395.
131. Miki A, Yamada Y, Nakamura M. The Size of the Foveal Avascular Zone Is Associated with Foveal Thickness and Structure in Premature Children. *J Ophthalmol.* 2019 Jul 2;2019:8340729.
132. Hayashida M, Miki A, Imai H, Otsuka K, Azumi A, Nakamura M. Impact of Early Vitrectomy for Dense Vitreous Hemorrhage of Unknown Etiology. *Ophthalmologica.*2019;242(4):234-238.
133. Mori S, Kurimoto T, Maeda H, Nakamura M. Dimethyl Fumarate Promotes the Survival of Retinal Ganglion Cells after Optic Nerve Injury, Possibly through the Nrf2/HO-1 Pathway. *Int J Mol Sci* 2020; 22(1): 297
134. Imai H, Tetsumoto A, Yamada H, Nakamura M. Impact of different manufacturers and gauge sizes on the performance of backflush needle. *Sci Rep* 2020; 10(1): 21452
135. Hayashida M, Miki A, Nakai S, Matsumiya W, Imai H, Kusahara S, Nakamura M. Predictive factors of metamorphopsia after reduced-fluence photodynamic therapy in patients with central serous chorioretinopathy with good baseline visual acuity. *PLoS One* 2020; 15(10): e0240557
136. Mori S, Kurimoto T, Miki A, Maeda H, Kusahara S, Nakamura M. Aqp9 Gene Deletion Enhances Retinal Ganglion Cell (RGC) Death and Dysfunction Induced by Optic Nerve Crush: Evidence that Aquaporin 9 Acts as an Astrocyte-to-Neuron Lactate Shuttle in Concert with Monocarboxylate Transporters To Support RGC Function and Survival. *Mol Neurobiol* 2020; 57(11): 4530-4548
137. Hayashida M, Miki A, Nakai S, Matsumiya W, Imai H, Kusahara S, Honda S, Nakamura M. Genetic factors associated with treatment response to reduced-fluence photodynamic therapy for chronic central serous chorioretinopathy. *Mol Vis* 2020; 26: 505-509
138. Kurimoto T, Ueda K, Mori S, Kamada S, Sakamoto M, Yamada-Nakanishi Y, Matsumiya W, Nakamura M. A Single-Arm, Prospective, Exploratory Study to Preliminarily Test Effectiveness and Safety of Skin Electrical Stimulation for Leber Hereditary Optic Neuropathy. *J Clin Med* 2020; 9(5): 1359
139. Mori S, Murai Y, Ueda K, Sakamoto M, Kurimoto T, Yamada-Nakanishi Y, Nakamura M. A comparison of the 1-year surgical outcomes of ab externo trabeculectomy and microhook ab interno trabeculectomy using propensity score analysis. *BMJ Open Ophthalmol* 2020; 5(1): e000446
140. Katsuyama A, Kusahara S, Asahara SI, Nakai SI, Mori S, Matsumiya W, Miki A, Kurimoto T, Imai H, Kido Y, Ogawa W, Nakamura M. En face slab optical coherence tomography imaging successfully monitors progressive degenerative changes in the innermost layer of the diabetic retina. *BMJ Open Diabetes Res Care* 2020; 8(1): e001120
141. Ueda K, Miki A, Nakai S, Yanagisawa S, Nomura K, Nakamura M. Prediction of severe retinopathy of prematurity using the weight gain, insulin-like growth factor 1, and neonatal retinopathy of prematurity algorithm in a Japanese population of preterm infants. *Jpn J Ophthalmol* 2020; 64(2): 223-227

142. Imai H, Otsuka K, Tetsumoto A, Miki A, Nakamura M. EFFECTIVENESS OF EN BLOC REMOVAL OF FIBRINOGEN-RICH COMPONENT OF CYSTOID LESION FOR THE TREATMENT OF CYSTOID MACULAR EDEMA. *Retina* 2020; 40(1): 154-159
143. Tetsumoto A, Imai H, Hayashida M, Otsuka K, Matsumiya W, Miki A, Nakamura M. The comparison of the surgical outcome of 27-gauge pars plana vitrectomy for primary rhegmatogenous retinal detachment between air and SF6 gas tamponade. *Eye (Lond)* 2020; 34(2): 299-306
144. Hayashida M, Miki A, Honda S, Nakamura M. Comparison between the outcomes of fluorescein angiography-guided and indocyanine green angiography-guided half-time photodynamic therapy for central serous chorioretinopathy. *Photodiagnosis Photodyn Ther* 2020; Sep;31:101955
145. Nishisho R, Kusuhara S, Sotani N, Kim KW, Katsuyama-Yoshikawa A, Matsumiya W, Akashi K, Morinobu A, Nakamura M. Changes in choroidal imaging parameters following adalimumab therapy for refractory noninfectious uveitis. *Graefes Arch Clin Exp Ophthalmol* 2021; 259(5): 1273-80.
146. Imai H, Tetsumoto A, Yamada H, Hayashida M, Otsuka K, Miki A, Kusuhara S, Nakamura M. The long-term effect of cystotomy with or without the fibrinogen clot removal for the refractory cystoid macular edema secondary to diabetic retinopathy. *Retina* 2021; 41(4):844-851
147. Imai H, Tetsumoto A, Inoue S, Takano F, Yamada H, Hayashida M, Otsuka K, Miki A, Kusuhara S, Nakamura M. Intraoperative Three-Dimensional Fluorescein Angiography-Guided Pars Plana Vitrectomy for the Treatment of Proliferative Diabetic Retinopathy: The Maximized Utility of the Digital Assisted Vitrectomy. *Retina* 2020; Online ahead of print
148. Sakai D, Takagi S, Hiram Y, Nakamura M, Kurimoto Y. Correlation between tangential distortion of the outer retinal layer and metamorphopsia in patients with epiretinal membrane. *Graefes Arch Clin Exp Ophthalmol* 2020; Online ahead of print

II. Case Reports

1. Nakamura M, Tanigawa M, Yamamoto M. A case of Leber's hereditary optic neuropathy with a mitochondrial DNA mutation at nucleotide position 3460. *Jpn J Ophthalmol* 1994, 38:267-271. (IF=0.924, CI=6)
2. Nakamachi Y, Nakamura M, Fujii S, Yamamoto M, Okubo K. Oguchi disease with sectoral retinitis pigmentosa harboring adenine deletion at position 1147 in the arrestin gene. *Am J Ophthalmol* 1998, 125: 249-251. (IF=4.223, CI=22)
3. Nakamura M, Tanabe M, Yamada Y, Azumi A. Zoster sine herpette with bilateral ocular involvement. *Am J Ophthalmol* 2000, 129:809-810. (IF=4.223, CI=8)
4. Nakamura M, Kanamori A, Seya R, Maeda H, Negi A. A case of occult macular dystrophy accompanying normal-tension glaucoma. *Am J Ophthalmol* 2003, 135:715-717. (IF=4.223, CI=4)
5. Kanamori A, Nakamura M, Matsui N, Tomimori H, Tanase M, Seya R, Maeda H, Negi A. Goniosynechialysis with lens aspiration and posterior chamber intraocular lens implantation for

- glaucoma in spherophakia. *J Cataract Refract Surg* 2004, 30: 513-516. (IF=2.2264, CI=4)
6. Nagai A, Kanamori A, Kusuhara S, Nakamura M, Negi A. Unilateral manifestation of Leber's hereditary optic neuropathy after blunt ocular trauma. *Jpn J Ophthalmol* 2005, 49: 65-67. (IF=0.924, CI=1)
 7. Nakamura M, Kanamori A, Kusuhara S, Ishibashi K, Negi A. Alternate total ophthalmoplegia and optic neuropathy associated with ulcerative colitis. *Eye* 2005, 19: 235-237. (IF=1.851, CI=0)
 8. Tatsumi Y, Kanamori A, Kusuhara A, Nakanishi Y, Kusuhara S, Nakamura M (corresponding author). Retinal nerve fiber layer thickness in optic tract syndrome. *Jpn J Ophthalmol* 2005, 49: 294-296. (IF=0.924, CI=7)
 9. Kakutani Y, Nakamura M (corresponding author), Nagai-Kusuhara A, Kanamori A, Negi A. Marked cup reversal presumably associated with scleral biomechanics in a case of adult glaucoma. *Arch Ophthalmol* 2010, 128: 139-141. (IF=3.711, CI=3)
 10. Nakano S, Kanamori A, Nakamura M, Mizukawa K, Negi A. Paraneoplastic optic neuropathy associated with cerebellar choroid meningioma. *Eye* 2013, Epub ahead of print (IF=1.851, CI=0)
 11. Tagami M, Honda S, Morioka I, Iijima K, Yamada H, Nakamura M. An unusual case of congenital cytomegalovirus infection-related retinopathy. *BMC Ophthalmol*. 2016;16:81
 12. Nakano Y, Miki A, Honda S, Nakamura M. Polypoidal Choroidal Vasculopathy Associated with Optic Disc Coloboma. *Case Rep Ophthalmol*. 2018;9(1):92-95.
 13. Obata S, Miki A, Imai H, Nakamura M. Bilateral corneal denting after surgery under general anesthesia: A case report. *Am J Ophthalmol Case Rep*. 2018;10:290-292.
 14. Miki A, Fujihara M, Yoshida A, Nakamura M, Azumi A. A case of bilateral vasculitis associated with pineal germinoma. *Am J Ophthalmol Case Rep*. 2018;11:142-145.
 15. Mori S, Kurimoto T, Ueda K, Enomoto H, Sakamoto M, Keshi Y, Yamada Y, Nakamura M. Optic Neuritis Possibly Induced by Anti-PD-L1 Antibody Treatment in a Patient with Non-Small Cell Lung Carcinoma. *Case Rep Ophthalmol*. 2018;9(2):348-356.
 16. Sakamoto M, Kurimoto T, Mori S, Ueda K, Keshi Y, Yamada Y, Azumi A, Shimono T, Nakamura M. Vasculitis with superior ophthalmic vein thrombosis compatible with neuro-neutrophilic disease. *Am J Ophthalmol Case Rep*. 2018;12:39-44.
 17. Mori S, Kurimoto T, Kawara K, Ueda K, Sakamoto M, Keshi Y, Yamada-Nakanishi Y, Tachibana H, Nakamura M. The Difficulty of Diagnosing Invasive Aspergillosis Initially Manifesting as Optic Neuropathy. *Case Rep Ophthalmol*. 2019;10(1):11-18.
 18. Yamada H, Kurimoto T, Mori S, Sakamoto M, Ueda K, Yamada-Nakanishi Y, Uozumi Y, Shose H, Taniguchi M, Toyoda M, Minami H, Nakamura M. A Case of Multi-System Langerhans Cell Histiocytosis with Local Invasion of the Orbital Apex. *Case Rep Ophthalmol*. 2019;10(3):319-326.
 19. Katsuyama A, Kusuhara S, Awano H, Nagase H, Matsumiya W, Nakamura M. A case of probable Vogt-Koyanagi-Harada disease in a 3-year-old girl. *BMC Ophthalmol*. 2019 13;19(1):179.
 20. Kimura M, Kusuhara S, Tagami M, Nakamura M. Impaired Retinal Circulation during

Axitinib Treatment for Metastatic Renal Cell Carcinoma. Case Rep Ophthalmol. 2019;10(1):5-10.

21. Inoue S, Imai H, Tetsumoto A, Otsuka K, Nakamura M. A Rare Case of Lens-Induced Uveitis with Proliferative Vitreoretinopathy and Massive Encapsulation of Fallen Nuclear Material Case Rep Ophthalmol 2020; 11(2): 436-441
22. Mori S, Kurimoto T, Ueda K, Sakamoto M, Chihara N, Satake W, Yamada-Nakanishi Y, Nakamura M. A case of neurosarcoidosis presenting with multiple cranial neuropathies. Am J Ophthalmol Case Rep 2020; 19: 100796
23. Sakai D, Matsumiya W, Kusuhara S, Nakamura M. The choroidal structure changes in a case with hypertensive choroidopathy. Am J Ophthalmol Case Rep 2020; 18: 100710
24. Tetsumoto A, Imai H, Miki A, Nakamura M. A CASE OF RETINAL METASTASIS OF LARYNGEAL SQUAMOUS CELL CARCINOMA WITH HISTOPATHOLOGIC CONFIRMATION BY VITRECTOMY-ASSISTED EN BLOCK EXTRACTION. Retin Cases Brief Rep 2020; 14(2): 127-130
25. Maki H, Imai H, Yamada H, Tetsumoto A, Hayashida M, Otsuka K, Miki A, Nakamura M. The long-term effect of cystotomy with fibrinogen clot removal for a cystoid macular edema secondary to idiopathic macular telangiectasia type 1: a case report. Retin Cases Brief Rep 2020; Publish ahead of print

III. Review

1. Fujiwara Y, Nakamura A, Yokoo S, Nakamura M. Senescence of normal human and progeroid cells as a potential model of aging. In, New horizons in aging science. Eds., Orimo H, Fukuchi Y, Kuramoto K, Iriki M. The University of Tokyo Press, Tokyo, 1992, 87-88.
2. Gardner TW, Antonetti DA, Barber AJ, LaNoue KF, Nakamura M. New insights into the pathophysiology of diabetic retinopathy: potential cell-specific therapeutic targets. Diabet Technol & Ther 2000, 2: 601-608. (IF=1.931, CI=25).
3. Barber AJ, Nakamura M, Penn State Retina Research Group. Apoptosis and neurodegeneration in diabetes: Lessons from the retina. In, Diabetic renal-retinal syndrome. Eds., Friedman EA, L'Esperance FA Jr. Kluwer Academic Publishers, Netherlands, 2002, 35-45.
4. Nakamura M, Kanamori A, Negi A. Diabetes mellitus as a risk factor for glaucomatous optic neuropathy. Ophthalmologica 2005, 219: 1-10 (IF=1.424, CI=29).
5. Kusuhara S, Nakamura M. Ripasudil Hydrochloride Hydrate in the Treatment of Glaucoma: Safety, Efficacy, and Patient Selection. Clin Ophthalmol 2020; 14: 1229-1236