# Hanspeter E Killer

List of Publications by Year
in descending order



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|---|---|---|---|
| 23 papers | 551 citations | 567281 15 h-index | 794594 19 g-index |
| 23 all docs | 23 docs citations | 23 times ranked | 350 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cerebrospinal fluid exchange in the optic nerve in normal-tension glaucoma. British Journal of Ophthalmology, 2012, 96, 544-548. | 3.9 | 112 |
| 2 | Compartmentalized Cerebrospinal Fluid. International Ophthalmology Clinics, 2014, 54, 95-102. | 0.7 | 48 |
| 3 | Cerebrospinal fluid segregation optic neuropathy: an experimental model and a hypothesis. British Journal of Ophthalmology, 2010, 94, 1088-1093. | 3.9 | 45 |
| 4 | Meningothelial Cells React to Elevated Pressure and Oxidative Stress. PLoS ONE, 2011, 6, e20142. | 2.5 | 45 |
| 5 | Is openâ€angle glaucoma caused by impaired cerebrospinal fluid circulation: around the optic nerve?. Clinical and Experimental Ophthalmology, 2008, 36, 308-311. | 2.6 | 42 |
| 6 | Translaminar pressure in Caucasian normal tension glaucoma patients. Acta Ophthalmologica, 2017, 95, e524-e531. | 1.1 | 38 |
| 7 | L-PGDS (Betatrace Protein) Inhibits Astrocyte Proliferation and Mitochondrial ATP Production in Vitro. Journal of Molecular Neuroscience, 2009, 39, 366-371. | 2.3 | 32 |
| 8 | Production and Circulation of Cerebrospinal Fluid With Respect to the Subarachnoid Space of the Optic Nerve. Journal of Glaucoma, 2013, 22, S8-S10. | 1.6 | 27 |
| 9 | Current concepts of cerebrospinal fluid dynamics and the translaminar cribrosa pressure gradient: a paradigm of optic disk disease. Survey of Ophthalmology, 2020, 65, 48-66. | 4.0 | 25 |
| 10 | Meningothelial cells as part of the central nervous system host defence. Biology of the Cell, 2013, 105, 304-315. | 2.0 | 22 |
| 11 | Meningothelial cells participate in immunological processes in the cerebrospinal fluid. Journal of Neuroimmunology, 2012, 244, 45-50. | 2.3 | 20 |
| 12 | Flow dynamics of cerebrospinal fluid between the intracranial cavity and the subarachnoid space of the optic nerve measured with a diffusion magnetic resonance imaging sequence in patients with normal tension glaucoma. Clinical and Experimental Ophthalmology, 2018, 46, 511-518. | 2.6 | 20 |
| 13 | Impaired cerebrospinal fluid dynamics along the entire optic nerve in normalâ€tension glaucoma. Acta Ophthalmologica, 2018, 96, e562-e569. | 1.1 | 19 |
| 14 | Cerebrospinal fluid and optic nerve sheath compartment syndrome: A common pathophysiological mechanism in five different cases?. Clinical and Experimental Ophthalmology, 2020, 48, 212-219. | 2.6 | 18 |
| 15 | Perioptic Cerebrospinal Fluid Dynamics in Idiopathic Intracranial Hypertension. Frontiers in Neurology, 2018, 9, 506. | 2.4 | 16 |
| 16 | Anti-inflammatory response following uptake of apoptotic bodies by meningothelial cells. Journal of Neuroinflammation, 2014, 11, 35. | 7.2 | 13 |
| 17 | Pressure and velocity in intraocular and subarachnoid space fluid chambers: an inseparable couple. Eye, 2019, 33, 343-346. | 2.1 | 4 |
| 18 | What is the optimal glaucoma treatment: reducing aqueous humour production or facilitating its outflow?. Eye, 2020, 34, 1719-1721. | 2.1 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Cerebrospinal fluid production rate: response. Clinical and Experimental Ophthalmology, 2009, 37, 827-828. | 2.6 | 1 |
| 20 | Papilledema revisited: is its pathophysiology really understood? Corrections and comments. Clinical and Experimental Ophthalmology, 2010, 38, 325-326. | 2.6 | 0 |
| 21 | Response to: â€˜Comment on: Pressure and velocity in intraocular and subarachnoid space fluid chambers: an inseparable coupleâ€™. Eye, 2019, 33, 1515-1516. | 2.1 | 0 |
| 22 | Is the optic nerve compartment syndrome implicated in the pathogenesis of the highâ€tension form of primary openâ€angle glaucoma? Response. Clinical and Experimental Ophthalmology, 2020, 48, 272-273. | 2.6 | 0 |
| 23 | Comment on: The role of intracranial pressure in glaucoma. Eye, 2021, 35, 1793-1793. | 2.1 | 0 |