# Peter Wieghofer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9555312/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 29 papers | 6,334 citations | 430442 18 h-index | 500791 28 g-index |
| 31 all docs | 31 docs citations | 31 times ranked | 9621 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Time- and Stimulus-Dependent Characteristics of Innate Immune Cells in Organ-Cultured Human Corneal Tissue. Journal of Innate Immunity, 2022, 14, 98-111. | 1.8 | 5 |
| 2 | Subretinal fibrosis in neovascular age-related macular degeneration: current concepts, therapeutic avenues, and future perspectives. Cell and Tissue Research, 2022, 387, 361-375. | 1.5 | 39 |
| 3 | Guardians of the eye: new tales about retinal microglia and other ocular macrophages. Neural Regeneration Research, 2022, 17, 1275. | 1.6 | 5 |
| 4 | Comparative transcriptome analysis of human and murine choroidal neovascularization identifies fibroblast growth factor inducible-14 as phylogenetically conserved mediator of neovascular age-related macular degeneration. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166340. | 1.8 | 11 |
| 5 | Transcriptional and Distributional Profiling of Microglia in Retinal Angiomatous Proliferation. International Journal of Molecular Sciences, 2022, 23, 3443. | 1.8 | 1 |
| 6 | In-Depth Molecular Profiling Specifies Human Retinal Microglia Identity. Frontiers in Immunology, 2022, 13, 863158. | 2.2 | 8 |
| 7 | Deciphering the Molecular Signature of Human Hyalocytes in Relation to Other Innate Immune Cell Populations. , 2022, 63, 9. | | 13 |
| 8 | The Role of Osteopontin in Microglia Biology: Current Concepts and Future Perspectives. Biomedicines, 2022, 10, 840. | 1.4 | 30 |
| 9 | Mapping the origin and fate of myeloid cells in distinct compartments of the eye by singleâ€cell profiling. EMBO Journal, 2021, 40, e105123. | 3.5 | 60 |
| 10 | Adipocyte death triggers a pro-inflammatory response and induces metabolic activation of resident macrophages. Cell Death and Disease, 2021, 12, 579. | 2.7 | 47 |
| 11 | The role of interferon regulatory factor 8 for retinal tissue homeostasis and development of choroidal neovascularisation. Journal of Neuroinflammation, 2021, 18, 215. | 3.1 | 10 |
| 12 | Immunosenescence in Choroidal Neovascularization (CNV)â€"Transcriptional Profiling of NaÃ¯ve and CNV-Associated Retinal Myeloid Cells during Aging. International Journal of Molecular Sciences, 2021, 22, 13318. | 1.8 | 7 |
| 13 | Transcriptional Profiling Uncovers Human Hyalocytes as a Unique Innate Immune Cell Population. Frontiers in Immunology, 2020, 11, 567274. | 2.2 | 27 |
| 14 | Detection of Synaptic Proteins in Microglia by Flow Cytometry. Frontiers in Molecular Neuroscience, 2020, 13, 149. | 1.4 | 20 |
| 15 | Temporospatial distribution and transcriptional profile of retinal microglia in the oxygenâ€induced retinopathy mouse model. Glia, 2020, 68, 1859-1873. | 2.5 | 40 |
| 16 | Transcriptomic Characterization of Human Choroidal Neovascular Membranes Identifies Calprotectin as a Novel Biomarker for Patients with Age-Related Macular Degeneration. American Journal of Pathology, 2020, 190, 1632-1642. | 1.9 | 38 |
| 17 | Secreted Phosphoprotein 1 Expression in Retinal Mononuclear Phagocytes Links Murine to Human Choroidal Neovascularization. Frontiers in Cell and Developmental Biology, 2020, 8, 618598. | 1.8 | 22 |
| 18 | Single-cell mass cytometry reveals distinct populations of brain myeloid cells in mouse neuroinflammation and neurodegeneration models. Nature Neuroscience, 2018, 21, 541-551. | 7.1 | 249 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A20 critically controls microglia activation and inhibits inflammasome-dependent neuroinflammation. Nature Communications, 2018, 9, 2036. | 5.8 | 152 |
| 20 | Genetic manipulation of microglia during brain development and disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 299-309. | 1.8 | 49 |
| 21 | Origin, fate and dynamics of macrophages at central nervous system interfaces. Nature Immunology, 2016, 17, 797-805. | 7.0 | 872 |
| 22 | Transcriptomeâ€based profiling of yolk sacâ€derived macrophages reveals a role for Irf8 in macrophage maturation. EMBO Journal, 2016, 35, 1730-1744. | 3.5 | 108 |
| 23 | Self-renewing resident arterial macrophages arise from embryonic CX3CR1+ precursors and circulating monocytes immediately after birth. Nature Immunology, 2016, 17, 159-168. | 7.0 | 275 |
| 24 | Host microbiota constantly control maturation and function of microglia in the CNS. Nature Neuroscience, 2015, 18, 965-977. | 7.1 | 2,340 |
| 25 | Infiltration of circulating myeloid cells through CD95L contributes to neurodegeneration in mice. Journal of Experimental Medicine, 2015, 212, 469-480. | 4.2 | 37 |
| 26 | Genetic targeting of microglia. Glia, 2015, 63, 1-22. | 2.5 | 116 |
| 27 | A pain-mediated neural signal induces relapse in murine autoimmune encephalomyelitis, a multiple sclerosis model. ELife, 2015, 4, . | 2.8 | 57 |
| 28 | A new type of microglia gene targeting shows TAK1 to be pivotal in CNS autoimmune inflammation. Nature Neuroscience, 2013, 16, 1618-1626. | 7.1 | 574 |
| 29 | Microglia emerge from erythromyeloid precursors via Pu.1- and Irf8-dependent pathways. Nature Neuroscience, 2013, 16, 273-280. | 7.1 | 1,121 |