

Michael A Wheeler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2725021/publications.pdf>

Version: 2024-02-01

24
papers

4,018
citations

361413

20
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

5226
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Microglial control of astrocytes in response to microbial metabolites. <i>Nature</i> , 2018, 557, 724-728. | 27.8 | 693 |
| 2 | Negative feedback control of neuronal activity by microglia. <i>Nature</i> , 2020, 586, 417-423. | 27.8 | 520 |
| 3 | Astrocyte Crosstalk in CNS Inflammation. <i>Neuron</i> , 2020, 108, 608-622. | 8.1 | 423 |
| 4 | Control of tumor-associated macrophages and T cells in glioblastoma via AHR and CD39. <i>Nature Neuroscience</i> , 2019, 22, 729-740. | 14.8 | 327 |
| 5 | MAFG-driven astrocytes promote CNS inflammation. <i>Nature</i> , 2020, 578, 593-599. | 27.8 | 282 |
| 6 | Microglia and Central Nervous Systemâ€™Associated Macrophagesâ€™From Origin to Disease Modulation. <i>Annual Review of Immunology</i> , 2021, 39, 251-277. | 21.8 | 228 |
| 7 | Genetically targeted magnetic control of the nervous system. <i>Nature Neuroscience</i> , 2016, 19, 756-761. | 14.8 | 211 |
| 8 | Gut-licensed IFNÎ³+ NK cells drive LAMP1+TRAIL+ anti-inflammatory astrocytes. <i>Nature</i> , 2021, 590, 473-479. | 27.8 | 178 |
| 9 | Function and therapeutic value of astrocytes in neurological diseases. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 339-358. | 46.4 | 160 |
| 10 | Environmental Control of Astrocyte Pathogenic Activities in CNS Inflammation. <i>Cell</i> , 2019, 176, 581-596.e18. | 28.9 | 150 |
| 11 | Barcoded viral tracing of single-cell interactions in central nervous system inflammation. <i>Science</i> , 2021, 372, . | 12.6 | 127 |
| 12 | Metabolic Control of Astrocyte Pathogenic Activity via cPLA2-MAVS. <i>Cell</i> , 2019, 179, 1483-1498.e22. | 28.9 | 120 |
| 13 | Role of AHR and HIF-1Î± in Glioblastoma Metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 428-436. | 7.1 | 89 |
| 14 | Glial and myeloid heterogeneity in the brain tumour microenvironment. <i>Nature Reviews Cancer</i> , 2021, 21, 786-802. | 28.4 | 83 |
| 15 | Control of immune-mediated pathology via the aryl hydrocarbon receptor. <i>Journal of Biological Chemistry</i> , 2017, 292, 12383-12389. | 3.4 | 76 |
| 16 | TNF-Î±/TNFR1 Signaling Is Required for the Development and Function of Primary Nociceptors. <i>Neuron</i> , 2014, 82, 587-602. | 8.1 | 75 |
| 17 | Regulation of Astrocyte Functions in Multiple Sclerosis. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2019, 9, a029009. | 6.2 | 69 |
| 18 | Role of sphingolipid metabolism in neurodegeneration. <i>Journal of Neurochemistry</i> , 2021, 158, 25-35. | 3.9 | 63 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | AHR is a Zika virus host factor and a candidate target for antiviral therapy. <i>Nature Neuroscience</i> , 2020, 23, 939-951. | 14.8 | 57 |
| 20 | Functional immune cell-astrocyte interactions. <i>Journal of Experimental Medicine</i> , 2021, 218, . | 8.5 | 49 |
| 21 | TNF α /TNFR2 signaling is required for glial ensheathment at the dorsal root entry zone. <i>PLoS Genetics</i> , 2017, 13, e1006712. | 3.5 | 18 |
| 22 | Reply to: Magneto is ineffective in controlling electrical properties of cerebellar Purkinje cells, Assessing the utility of Magneto to control neuronal excitability in the somatosensory cortex and Reevaluation of magnetic properties of Magneto. <i>Nature Neuroscience</i> , 2020, 23, 1051-1054. | 14.8 | 7 |
| 23 | Protocol for inducing inflammation and acute myelin degeneration in larval zebrafish. <i>STAR Protocols</i> , 2022, 3, 101134. | 1.2 | 1 |
| 24 | TAMI-35. DETECTING SINGLE-CELL INTERACTIONS IN ORGANOTYPIC CULTURES OF GLIOBLASTOMA USING BARCODED RABIES VIRUS. <i>Neuro-Oncology</i> , 2021, 23, vi205-vi205. | 1.2 | 0 |