

Ali Ertürk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/78235/publications.pdf>

Version: 2024-02-01

27
papers

4,187
citations

331670

21
h-index

526287

27
g-index

33
all docs

33
docs citations

33
times ranked

5825
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Tissue Clearing Approaches in Atherosclerosis. <i>Methods in Molecular Biology</i> , 2022, 2419, 747-763. | 0.9 | 5 |
| 2 | METGAN: Generative Tumour Inpainting and Modality Synthesis in Light Sheet Microscopy. , 2022, , . | | 3 |
| 3 | Mapping of neuroinflammation-induced hypoxia in the spinal cord using optoacoustic imaging. <i>Acta Neuropathologica Communications</i> , 2022, 10, 51. | 5.2 | 5 |
| 4 | Neuroimmune cardiovascular interfaces control atherosclerosis. <i>Nature</i> , 2022, 605, 152-159. | 27.8 | 86 |
| 5 | Selective plasticity of callosal neurons in the adult contralesional cortex following murine traumatic brain injury. <i>Nature Communications</i> , 2022, 13, 2659. | 12.8 | 3 |
| 6 | A guidebook for DISCO tissue clearing. <i>Molecular Systems Biology</i> , 2021, 17, e9807. | 7.2 | 53 |
| 7 | Obesity-associated hyperleptinemia alters the gliovascular interface of the hypothalamus to promote hypertension. <i>Cell Metabolism</i> , 2021, 33, 1155-1170.e10. | 16.2 | 68 |
| 8 | Tissue clearing. <i>Nature Reviews Methods Primers</i> , 2021, 1, . | 21.2 | 56 |
| 9 | Tissue clearing and its applications in neuroscience. <i>Nature Reviews Neuroscience</i> , 2020, 21, 61-79. | 10.2 | 350 |
| 10 | Deep learning-enabled multi-organ segmentation in whole-body mouse scans. <i>Nature Communications</i> , 2020, 11, 5626. | 12.8 | 54 |
| 11 | Machine learning analysis of whole mouse brain vasculature. <i>Nature Methods</i> , 2020, 17, 442-449. | 19.0 | 203 |
| 12 | Cellular and Molecular Probing of Intact Human Organs. <i>Cell</i> , 2020, 180, 796-812.e19. | 28.9 | 187 |
| 13 | 3D high resolution generative deep-learning network for fluorescence microscopy imaging. <i>Optics Letters</i> , 2020, 45, 1695. | 3.3 | 22 |
| 14 | Deep Learning Reveals Cancer Metastasis and Therapeutic Antibody Targeting in the Entire Body. <i>Cell</i> , 2019, 179, 1661-1676.e19. | 28.9 | 142 |
| 15 | Panoptic imaging of transparent mice reveals whole-body neuronal projections and skull meninges connections. <i>Nature Neuroscience</i> , 2019, 22, 317-327. | 14.8 | 318 |
| 16 | Loss of TREM2 function increases amyloid seeding but reduces plaque-associated ApoE. <i>Nature Neuroscience</i> , 2019, 22, 191-204. | 14.8 | 358 |
| 17 | Whole-Brain Analysis of Cells and Circuits by Tissue Clearing and Light-Sheet Microscopy. <i>Journal of Neuroscience</i> , 2018, 38, 9330-9337. | 3.6 | 45 |
| 18 | An inhibitory antibody targeting carbonic anhydrase XII abrogates chemoresistance and significantly reduces lung metastases in an orthotopic breast cancer model <i>in vivo</i> . <i>International Journal of Cancer</i> , 2018, 143, 2065-2075. | 5.1 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Seeing whole-tumour heterogeneity. <i>Nature Biomedical Engineering</i> , 2017, 1, 772-774. | 22.5 | 10 |
| 20 | The choroid plexus is a key cerebral invasion route for T cells after stroke. <i>Acta Neuropathologica</i> , 2017, 134, 851-868. | 7.7 | 87 |
| 21 | Interfering with the Chronic Immune Response Rescues Chronic Degeneration After Traumatic Brain Injury. <i>Journal of Neuroscience</i> , 2016, 36, 9962-9975. | 3.6 | 79 |
| 22 | Shrinkage-mediated imaging of entire organs and organisms using uDISCO. <i>Nature Methods</i> , 2016, 13, 859-867. | 19.0 | 522 |
| 23 | Microglia in action: how aging and injury can change the brain's guardians. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 54. | 3.7 | 74 |
| 24 | Local Pruning of Dendrites and Spines by Caspase-3-Dependent and Proteasome-Limited Mechanisms. <i>Journal of Neuroscience</i> , 2014, 34, 1672-1688. | 3.6 | 190 |
| 25 | Imaging Cleared Intact Biological Systems at a Cellular Level by 3DISCO. <i>Journal of Visualized Experiments</i> , 2014, , . | 0.3 | 44 |
| 26 | Three-dimensional imaging of the unsectioned adult spinal cord to assess axon regeneration and glial responses after injury. <i>Nature Medicine</i> , 2012, 18, 166-171. | 30.7 | 298 |
| 27 | Three-dimensional imaging of solvent-cleared organs using 3DISCO. <i>Nature Protocols</i> , 2012, 7, 1983-1995. | 12.0 | 850 |