

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	Three-dimensional imaging of solvent-cleared organs using 3DISCO. <i>Nature Protocols</i> , 2012, 7, 1983-1995.	12.0	850
2	Shrinkage-mediated imaging of entire organs and organisms using uDISCO. <i>Nature Methods</i> , 2016, 13, 859-867.	19.0	522
3	Loss of TREM2 function increases amyloid seeding but reduces plaque-associated ApoE. <i>Nature Neuroscience</i> , 2019, 22, 191-204.	14.8	358
4	Tissue clearing and its applications in neuroscience. <i>Nature Reviews Neuroscience</i> , 2020, 21, 61-79.	10.2	350
5	Panoptic imaging of transparent mice reveals whole-body neuronal projections and meninges connections. <i>Nature Neuroscience</i> , 2019, 22, 317-327.	14.8	318
6	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
7	Machine learning analysis of whole mouse brain vasculature. <i>Nature Methods</i> , 2020, 17, 442-449.	19.0	203
8	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
9	Cellular and Molecular Probing of Intact Human Organs. <i>Cell</i> , 2020, 180, 796-812.e19.	28.9	187
10	Deep Learning Reveals Cancer Metastasis and Therapeutic Antibody Targeting in the Entire Body. <i>Cell</i> , 2019, 179, 1661-1676.e19.	28.9	142
11	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
12	Neuroimmune cardiovascular interfaces control atherosclerosis. <i>Nature</i> , 2022, 605, 152-159.	27.8	86
13	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
14	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
15	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
16	Tissue clearing. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	21.2	56
17	Deep learning-enabled multi-organ segmentation in whole-body mouse scans. <i>Nature Communications</i> , 2020, 11, 5626.	12.8	54
18	A guidebook for DISCO tissue clearing. <i>Molecular Systems Biology</i> , 2021, 17, e9807.	7.2	53

#	ARTICLE	IF	CITATIONS
19	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
20	Imaging Cleared Intact Biological Systems at a Cellular Level by 3DISCO. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	44
21	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
22	3D high resolution generative deep-learning network for fluorescence microscopy imaging. <i>Optics Letters</i> , 2020, 45, 1695.	3.3	22
23	Seeing whole-tumour heterogeneity. <i>Nature Biomedical Engineering</i> , 2017, 1, 772-774.	22.5	10
24	Tissue Clearing Approaches in Atherosclerosis. <i>Methods in Molecular Biology</i> , 2022, 2419, 747-763.	0.9	5
25	Mapping of neuroinflammation-induced hypoxia in the spinal cord using optoacoustic imaging. <i>Acta Neuropathologica Communications</i> , 2022, 10, 51.	5.2	5
26	METGAN: Generative Tumour Inpainting and Modality Synthesis in Light Sheet Microscopy. , 2022, , .		3
27	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