Caghan Kizil

List of Publications by Year
in descending order

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Version: 2024-02-01

48 papers	2,688 citations	257101 24 h-index	264894 42 g-index
58 all docs	58 docs citations	58 times ranked	2791 citing authors

#	Article	IF	Citations
1	Admixture Mapping of Alzheimerâ€™s disease in Caribbean Hispanics identifies a new locus on 22q13.1. Molecular Psychiatry, 2022, 27, 2813-2820.	4.1	12
2	Single Cell/Nucleus Transcriptomics Comparison in Zebrafish and Humans Reveals Common and Distinct Molecular Responses to Alzheimerâ€™s Disease. Cells, 2022, 11, 1807.	1.8	19
3	FMNL2 regulates gliovascular interactions and is associated with vascular risk factors and cerebrovascular pathology in Alzheimerâ€™s disease. Acta Neuropathologica, 2022, 144, 59-79.	3.9	19
4	Locomotion dependent neuron-glia interactions control neurogenesis and regeneration in the adult zebrafish spinal cord. Nature Communications, 2021, 12, 4857.	5.8	22
5	Diversity and function of motile ciliated cell types within ependymal lineages of the zebrafish brain. Cell Reports, 2021, 37, 109775.	2.9	40
6	KYNA/Ahr Signaling Suppresses Neural Stem Cell Plasticity and Neurogenesis in Adult Zebrafish Model of Alzheimerâ€™s Disease. Cells, 2021, 10, 2748.	1.8	9
7	Neuron-glia interaction through Serotonin-BDNF-NGFR axis enables regenerative neurogenesis in Alzheimerâ€™s model of adult zebrafish brain. PLoS Biology, 2020, 18, e3000585.	2.6	73
8	Functional properties of habenular neurons are determined by developmental stage and sequential neurogenesis. Science Advances, 2020, 6, .	4.7	25
9	Radial glia in the zebrafish brain: Functional, structural, and physiological comparison with the mammalian glia. Glia, 2020, 68, 2451-2470.	2.5	96
10	Protocol for Dissection and Dissociation of Zebrafish Telencephalon for Single-Cell Sequencing. STAR Protocols, 2020, 1, 100042.	0.5	7
11	Type 1 Interleukin-4 Signaling Obliterates Mouse Astroglia in vivo but Not in vitro. Frontiers in Cell and Developmental Biology, 2020, 8, 114.	1.8	16
12	Alzheimerâ€™s disease, neural stem cells and neurogenesis: cellular phase at single-cell level. Neural Regeneration Research, 2020, 15, 824.	1.6	29
13	Glia-neuron interactions underlie state transitions to generalized seizures. Nature Communications, 2019, 10, 3830.	5.8	98
14	Single-Cell Transcriptomics Analyses of Neural Stem Cell Heterogeneity and Contextual Plasticity in a Zebrafish Brain Model of Amyloid Toxicity. Cell Reports, 2019, 27, 1307-1318.e3.	2.9	87
15	GATA3 Promotes the Neural Progenitor State but Not Neurogenesis in 3D Traumatic Injury Model of Primary Human Cortical Astrocytes. Frontiers in Cellular Neuroscience, 2019, 13, 23.	1.8	23
16	Dual Inhibition of GSK3Î² and CDK5 Protects the Cytoskeleton of Neurons from Neuroinflammatory-Mediated Degeneration InÂVitro and InÂVivo. Stem Cell Reports, 2019, 12, 502-517.	2.3	45
17	Turkish Medical Association central council detained for demanding peace. Lancet, The, 2018, 391, 532.	6.3	0
18	Is Alzheimerâ€™s Also a Stem Cell Disease? â€“ The Zebrafish Perspective. Frontiers in Cell and Developmental Biology, 2018, 6, 159.	1.8	30

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19	3D Culture Method for Alzheimer's Disease Modeling Reveals Interleukin-4 Rescues AÎ²42-Induced Loss of Human Neural Stem Cell Plasticity. Developmental Cell, 2018, 46, 85-101.e8.	3.1	118
20	Re-Arrangements in the Cytoplasmic Distribution of Small RNAs Following the Maternal-to-Zygotic Transition in Drosophila Embryos. Genes, 2018, 9, 82.	1.0	4
21	Mechanisms of Pathology-Induced Neural Stem Cell Plasticity and Neural Regeneration in Adult Zebrafish Brain. Current Pathobiology Reports, 2018, 6, 71-77.	1.6	32
22	The effects of aging on Amyloid-Î²42-induced neurodegeneration and regeneration in adult zebrafish brain. Neurogenesis (Austin, Tex), 2017, 4, e1322666.	1.5	60
23	An existential threat. New Scientist, 2017, 234, 24-25.	0.0	1
24	Modeling Amyloid-β42 Toxicity and Neurodegeneration in Adult Zebrafish Brain. Journal of Visualized Experiments, 2017, , .	0.2	52
25	Human TAUP301L overexpression results in TAU hyperphosphorylation without neurofibrillary tangles in adult zebrafish brain. Scientific Reports, 2017, 7, 12959.	1.6	29
26	Degrees of freedom. New Scientist, 2016, 231, 20-21.	0.0	0
27	IL4/STAT6 Signaling Activates Neural Stem Cell Proliferation and Neurogenesis upon Amyloid-Î²42 Aggregation in Adult Zebrafish Brain. Cell Reports, 2016, 17, 941-948.	2.9	136
28	Concern grows for Turkey's academics. Nature, 2016, 529, 466-466.	13.7	1
29	Neural stem/progenitor cells in Alzheimer's disease. Yale Journal of Biology and Medicine, 2016, 89, 23-35.	0.2	47
30	Regeneration, Plasticity, and Induced Molecular Programs in Adult Zebrafish Brain. BioMed Research International, 2015, 2015, 1-10.	0.9	43
31	Efficient Cargo Delivery into Adult Brain Tissue Using Short Cell-Penetrating Peptides. PLoS ONE, 2015, 10, e0124073.	1.1	27
32	Effects of inflammation on stem cells: together they strive?. EMBO Reports, 2015, 16, 416-426.	2.0	171
33	Neuroinflammation and central nervous system regeneration in vertebrates. Trends in Cell Biology, 2014, 24, 128-135.	3.6	90
34	Simplet/Fam53b is required for Wnt signal transduction by regulating Î²-catenin nuclear localization. Development (Cambridge), 2014, 141, 3529-3539.	1.2	35
35	Use of Zebrafish As a Model for Understanding the Interplay Between Inflammation and Stem Cells. Turkish Journal of Immunology, 2014, 1, 90-94.	0.1	0
36	Simplet/Fam53b is required for Wnt signal transduction by regulating Î²-catenin nuclear localization. Journal of Cell Science, 2014, 127, e1-e1.	1.2	0

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37	Effects of Low Doses of Bisphenol A on Primordial Germ Cells in Zebrafish (Danio rerio) Embryos and Larvae. Kafkas Universitesi Veteriner Fakultesi Dergisi, 2013, , .	0.0	2
38	Micromanipulation of Gene Expression in the Adult Zebrafish Brain Using Cerebroventricular Microinjection of Morpholino Oligonucleotides. Journal of Visualized Experiments, 2013, , e50415.	0.2	24
39	Turkey Must End Violent Response to Protests. Science, 2013, 341, 236-236.	6.0	2
40	Regenerative Neurogenesis from Neural Progenitor Cells Requires Injury-Induced Expression of Gata3. Developmental Cell, 2012, 23, 1230-1237.	3.1	146
41	Acute Inflammation Initiates the Regenerative Response in the Adult Zebrafish Brain. Science, 2012, 338, 1353-1356.	6.0	480
42	The chemokine receptor cxcr5 regulates the regenerative neurogenesis response in the adult zebrafish brain. Neural Development, 2012, 7, 27.	1.1	88
43	Adult neurogenesis and brain regeneration in zebrafish. Developmental Neurobiology, 2012, 72, 429-461.	1.5	314
44	More freedom for Turkish science. Nature, 2011, 477, 538-538.	13.7	1
45	Turkish Science Seeks Freedom. Science, 2011, 334, 452-453.	6.0	0
46	Cerebroventricular Microinjection (CVMI) into Adult Zebrafish Brain Is an Efficient Misexpression Method for Forebrain Ventricular Cells. PLoS ONE, 2011, 6, e27395.	1.1	53
47	Simplet controls cell proliferation and gene transcription during zebrafish caudal fin regeneration. Developmental Biology, 2009, 325, 329-340.	0.9	45
48	19-P017 Simplet controls cell proliferation and gene transcription during zebrafish caudal fin regeneration. Mechanisms of Development, 2009, 126, S296.	1.7	0