

Caghan Kizil

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48
papers

1,691
citations

20
h-index

41
g-index

58
ext. papers

2,330
ext. citations

10.5
avg, IF

5.01
L-index

#	Paper	IF	Citations
48	Acute inflammation initiates the regenerative response in the adult zebrafish brain. <i>Science</i> , 2012 , 338, 1353-6	33.3	354
47	Adult neurogenesis and brain regeneration in zebrafish. <i>Developmental Neurobiology</i> , 2012 , 72, 429-61	3.2	231
46	Effects of inflammation on stem cells: together they strive?. <i>EMBO Reports</i> , 2015 , 16, 416-26	6.5	118
45	Regenerative neurogenesis from neural progenitor cells requires injury-induced expression of Gata3. <i>Developmental Cell</i> , 2012 , 23, 1230-7	10.2	104
44	IL4/STAT6 Signaling Activates Neural Stem Cell Proliferation and Neurogenesis upon Amyloid- β 2 Aggregation in Adult Zebrafish Brain. <i>Cell Reports</i> , 2016 , 17, 941-948	10.6	77
43	Neuroinflammation and central nervous system regeneration in vertebrates. <i>Trends in Cell Biology</i> , 2014 , 24, 128-35	18.3	70
42	The chemokine receptor <i>cxcr5</i> regulates the regenerative neurogenesis response in the adult zebrafish brain. <i>Neural Development</i> , 2012 , 7, 27	3.9	69
41	3D Culture Method for Alzheimer's Disease Modeling Reveals Interleukin-4 Rescues A β 2-Induced Loss of Human Neural Stem Cell Plasticity. <i>Developmental Cell</i> , 2018 , 46, 85-101.e8	10.2	69
40	Glia-neuron interactions underlie state transitions to generalized seizures. <i>Nature Communications</i> , 2019 , 10, 3830	17.4	52
39	Cerebroventricular microinjection (CVMI) into adult zebrafish brain is an efficient misexpression method for forebrain ventricular cells. <i>PLoS ONE</i> , 2011 , 6, e27395	3.7	46
38	The effects of aging on Amyloid- β 2-induced neurodegeneration and regeneration in adult zebrafish brain. <i>Neurogenesis (Austin, Tex)</i> , 2017 , 4, e1322666		42
37	Single-Cell Transcriptomics Analyses of Neural Stem Cell Heterogeneity and Contextual Plasticity in a Zebrafish Brain Model of Amyloid Toxicity. <i>Cell Reports</i> , 2019 , 27, 1307-1318.e3	10.6	42
36	Radial glia in the zebrafish brain: Functional, structural, and physiological comparison with the mammalian glia. <i>Glia</i> , 2020 , 68, 2451-2470	9	41
35	Simplex controls cell proliferation and gene transcription during zebrafish caudal fin regeneration. <i>Developmental Biology</i> , 2009 , 325, 329-40	3.1	40
34	Neural stem/progenitor cells in Alzheimer's disease. <i>Yale Journal of Biology and Medicine</i> , 2016 , 89, 23-35.4	3.4	39
33	Neuron-glia interaction through Serotonin-BDNF-NGFR axis enables regenerative neurogenesis in Alzheimer's model of adult zebrafish brain. <i>PLoS Biology</i> , 2020 , 18, e3000585	9.7	32
32	Modeling Amyloid- β 2 Toxicity and Neurodegeneration in Adult Zebrafish Brain. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	28

31	Dual Inhibition of GSK3 β and CDK5 Protects the Cytoskeleton of Neurons from Neuroinflammatory-Mediated Degeneration In Vitro and In Vivo. <i>Stem Cell Reports</i> , 2019 , 12, 502-517	8	23
30	Regeneration, Plasticity, and Induced Molecular Programs in Adult Zebrafish Brain. <i>BioMed Research International</i> , 2015 , 2015, 769763	3	23
29	Efficient Cargo Delivery into Adult Brain Tissue Using Short Cell-Penetrating Peptides. <i>PLoS ONE</i> , 2015 , 10, e0124073	3.7	22
28	Simplex/Fam53b is required for Wnt signal transduction by regulating β -catenin nuclear localization. <i>Development (Cambridge)</i> , 2014 , 141, 3529-39	6.6	19
27	Micromanipulation of gene expression in the adult zebrafish brain using cerebroventricular microinjection of morpholino oligonucleotides. <i>Journal of Visualized Experiments</i> , 2013 , e50415	1.6	19
26	Human TAU overexpression results in TAU hyperphosphorylation without neurofibrillary tangles in adult zebrafish brain. <i>Scientific Reports</i> , 2017 , 7, 12959	4.9	18
25	Alzheimer's disease, neural stem cells and neurogenesis: cellular phase at single-cell level. <i>Neural Regeneration Research</i> , 2020 , 15, 824-827	4.5	18
24	Mechanisms of Pathology-Induced Neural Stem Cell Plasticity and Neural Regeneration in Adult Zebrafish Brain. <i>Current Pathobiology Reports</i> , 2018 , 6, 71-77	2	15
23	GATA3 Promotes the Neural Progenitor State but Not Neurogenesis in 3D Traumatic Injury Model of Primary Human Cortical Astrocytes. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 23	6.1	14
22	Is Alzheimer's Also a Stem Cell Disease? - The Zebrafish Perspective. <i>Frontiers in Cell and Developmental Biology</i> , 2018 , 6, 159	5.7	13
21	Diversity and function of motile ciliated cell types within ependymal lineages of the zebrafish brain. <i>Cell Reports</i> , 2021 , 37, 109775	10.6	9
20	Type 1 Interleukin-4 Signaling Obliterates Mouse Astroglia but Not. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 114	5.7	8
19	Functional properties of habenular neurons are determined by developmental stage and sequential neurogenesis. <i>Science Advances</i> , 2020 , 6,	14.3	6
18	Instructive starPEG-Heparin biohybrid 3D cultures for modeling human neural stem cell plasticity, neurogenesis, and neurodegeneration		5
17	Functional properties of habenular neurons are determined by developmental stage and sequential neurogenesis		
16	Locomotion dependent neuron-glia interactions control neurogenesis and regeneration in the adult zebrafish spinal cord. <i>Nature Communications</i> , 2021 , 12, 4857	17.4	4
15	Re-Arrangements in the Cytoplasmic Distribution of Small RNAs Following the Maternal-to-Zygotic Transition in Drosophila Embryos. <i>Genes</i> , 2018 , 9,	4.2	3
14	Turkey must end violent response to protests. <i>Science</i> , 2013 , 341, 236	33.3	2

13	KYNA/Ahr Signaling Suppresses Neural Stem Cell Plasticity and Neurogenesis in Adult Zebrafish Model of Alzheimer's Disease. <i>Cells</i> , 2021 , 10,	7.9	2
12	Admixture Mapping of Alzheimer's disease in Caribbean Hispanics identifies a new locus on 22q13.1.. <i>Molecular Psychiatry</i> , 2022 ,	15.1	2
11	FMNL2 regulates gliovascular interactions and is associated with vascular risk factors and cerebrovascular pathology in Alzheimer's disease. <i>Acta Neuropathologica</i> ,	14.3	2
10	Government: Concern grows for Turkey's academics. <i>Nature</i> , 2016 , 529, 466	50.4	1
9	Academic autonomy: more freedom for Turkish science. <i>Nature</i> , 2011 , 477, 538	50.4	1
8	Single cell analyses of the effects of Amyloid-beta42 and Interleukin-4 on neural stem/progenitor cell plasticity in adult zebrafish brain		1
7	Interleukin-4 restores neurogenic plasticity of the primary human neural stem cells through suppression of Kynurenic acid production upon Amyloid-beta42 toxicity		1
6	Neuron-glia interaction through Serotonin-BDNF-NGFR axis enables regenerative neurogenesis in Alzheimer's model of adult zebrafish brain		1
5	Protocol for Dissection and Dissociation of Zebrafish Telencephalon for Single-Cell Sequencing. <i>STAR Protocols</i> , 2020 , 1, 100042	1.4	0
4	Single Cell/Nucleus Transcriptomics Comparison in Zebrafish and Humans Reveals Common and Distinct Molecular Responses to Alzheimer's Disease. <i>Cells</i> , 2022 , 11, 1807	7.9	0
3	Turkish Medical Association central council detained for demanding peace. <i>Lancet, The</i> , 2018 , 391, 532	40	
2	Turkish science seeks freedom. <i>Science</i> , 2011 , 334, 452-3	33.3	
1	Simplex/Fam53b is required for Wnt signal transduction by regulating Ectoderm nuclear localization. <i>Journal of Cell Science</i> , 2014 , 127, e1-e1	5.3	