

# Caghan Kizil

## List of Publications by Year in descending order

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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	Acute Inflammation Initiates the Regenerative Response in the Adult Zebrafish Brain. <i>Science</i> , 2012, 338, 1353-1356.	6.0	480
2	Adult neurogenesis and brain regeneration in zebrafish. <i>Developmental Neurobiology</i> , 2012, 72, 429-461.	1.5	314
3	Effects of inflammation on stem cells: together they strive?. <i>EMBO Reports</i> , 2015, 16, 416-426.	2.0	171
4	Regenerative Neurogenesis from Neural Progenitor Cells Requires Injury-Induced Expression of Gata3. <i>Developmental Cell</i> , 2012, 23, 1230-1237.	3.1	146
5	IL4/STAT6 Signaling Activates Neural Stem Cell Proliferation and Neurogenesis upon Amyloid- $\beta$ 242 Aggregation in Adult Zebrafish Brain. <i>Cell Reports</i> , 2016, 17, 941-948.	2.9	136
6	3D Culture Method for Alzheimer's Disease Modeling Reveals Interleukin-4 Rescues A $\beta$ 242-Induced Loss of Human Neural Stem Cell Plasticity. <i>Developmental Cell</i> , 2018, 46, 85-101.e8.	3.1	118
7	Glia-neuron interactions underlie state transitions to generalized seizures. <i>Nature Communications</i> , 2019, 10, 3830.	5.8	98
8	Radial glia in the zebrafish brain: Functional, structural, and physiological comparison with the mammalian glia. <i>Glia</i> , 2020, 68, 2451-2470.	2.5	96
9	Neuroinflammation and central nervous system regeneration in vertebrates. <i>Trends in Cell Biology</i> , 2014, 24, 128-135.	3.6	90
10	The chemokine receptor cxcr5 regulates the regenerative neurogenesis response in the adult zebrafish brain. <i>Neural Development</i> , 2012, 7, 27.	1.1	88
11	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.	2.9	87
12	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.	2.6	73
13	The effects of aging on Amyloid- $\beta$ 242-induced neurodegeneration and regeneration in adult zebrafish brain. <i>Neurogenesis (Austin, Tex)</i> , 2017, 4, e1322666.	1.5	60
14	Cerebroventricular Microinjection (CVMI) into Adult Zebrafish Brain Is an Efficient Misexpression Method for Forebrain Ventricular Cells. <i>PLoS ONE</i> , 2011, 6, e27395.	1.1	53
15	Modeling Amyloid- $\beta$ 242 Toxicity and Neurodegeneration in Adult Zebrafish Brain. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	52
16	Neural stem/progenitor cells in Alzheimer's disease. <i>Yale Journal of Biology and Medicine</i> , 2016, 89, 23-35.	0.2	47
17	Simplex controls cell proliferation and gene transcription during zebrafish caudal fin regeneration. <i>Developmental Biology</i> , 2009, 325, 329-340.	0.9	45
18	Dual Inhibition of GSK3 $\beta$ 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.	2.3	45

#	ARTICLE	IF	CITATIONS
19	Regeneration, Plasticity, and Induced Molecular Programs in Adult Zebrafish Brain. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	43
20	Diversity and function of motile ciliated cell types within ependymal lineages of the zebrafish brain. <i>Cell Reports</i> , 2021, 37, 109775.	2.9	40
21	Simplex/Fam53b is required for Wnt signal transduction by regulating $\beta$ -catenin nuclear localization. <i>Development (Cambridge)</i> , 2014, 141, 3529-3539.	1.2	35
22	Mechanisms of Pathology-Induced Neural Stem Cell Plasticity and Neural Regeneration in Adult Zebrafish Brain. <i>Current Pathobiology Reports</i> , 2018, 6, 71-77.	1.6	32
23	Is Alzheimer's Also a Stem Cell Disease? The Zebrafish Perspective. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 159.	1.8	30
24	Human TAUP301L overexpression results in TAU hyperphosphorylation without neurofibrillary tangles in adult zebrafish brain. <i>Scientific Reports</i> , 2017, 7, 12959.	1.6	29
25	Alzheimer's disease, neural stem cells and neurogenesis: cellular phase at single-cell level. <i>Neural Regeneration Research</i> , 2020, 15, 824.	1.6	29
26	Efficient Cargo Delivery into Adult Brain Tissue Using Short Cell-Penetrating Peptides. <i>PLoS ONE</i> , 2015, 10, e0124073.	1.1	27
27	Functional properties of habenular neurons are determined by developmental stage and sequential neurogenesis. <i>Science Advances</i> , 2020, 6, .	4.7	25
28	Micromanipulation of Gene Expression in the Adult Zebrafish Brain Using Cerebroventricular Microinjection of Morpholino Oligonucleotides. <i>Journal of Visualized Experiments</i> , 2013, , e50415.	0.2	24
29	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.	1.8	23
30	Locomotion dependent neuron-glia interactions control neurogenesis and regeneration in the adult zebrafish spinal cord. <i>Nature Communications</i> , 2021, 12, 4857.	5.8	22
31	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.	1.8	19
32	FMNL2 regulates gliovascular interactions and is associated with vascular risk factors and cerebrovascular pathology in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2022, 144, 59-79.	3.9	19
33	Type 1 Interleukin-4 Signaling Obliterates Mouse Astroglia in vivo but Not in vitro. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 114.	1.8	16
34	Admixture Mapping of Alzheimer's disease in Caribbean Hispanics identifies a new locus on 22q13.1. <i>Molecular Psychiatry</i> , 2022, 27, 2813-2820.	4.1	12
35	KYNA/Ahr Signaling Suppresses Neural Stem Cell Plasticity and Neurogenesis in Adult Zebrafish Model of Alzheimer's Disease. <i>Cells</i> , 2021, 10, 2748.	1.8	9
36	Protocol for Dissection and Dissociation of Zebrafish Telencephalon for Single-Cell Sequencing. <i>STAR Protocols</i> , 2020, 1, 100042.	0.5	7

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37	Re-Arrangements in the Cytoplasmic Distribution of Small RNAs Following the Maternal-to-Zygotic Transition in <i>Drosophila</i> Embryos. <i>Genes</i> , 2018, 9, 82.	1.0	4
38	Effects of Low Doses of Bisphenol A on Primordial Germ Cells in Zebrafish ( <i>Danio rerio</i> ) Embryos and Larvae. <i>Kafkas Universitesi Veteriner Fakultesi Dergisi</i> , 2013, , .	0.0	2
39	Turkey Must End Violent Response to Protests. <i>Science</i> , 2013, 341, 236-236.	6.0	2
40	More freedom for Turkish science. <i>Nature</i> , 2011, 477, 538-538.	13.7	1
41	Concern grows for Turkey's academics. <i>Nature</i> , 2016, 529, 466-466.	13.7	1
42	An existential threat. <i>New Scientist</i> , 2017, 234, 24-25.	0.0	1
43	19-P017 Simplet controls cell proliferation and gene transcription during zebrafish caudal fin regeneration. <i>Mechanisms of Development</i> , 2009, 126, S296.	1.7	0
44	Turkish Science Seeks Freedom. <i>Science</i> , 2011, 334, 452-453.	6.0	0
45	Degrees of freedom. <i>New Scientist</i> , 2016, 231, 20-21.	0.0	0
46	Turkish Medical Association central council detained for demanding peace. <i>Lancet, The</i> , 2018, 391, 532.	6.3	0
47	Use of Zebrafish As a Model for Understanding the Interplay Between Inflammation and Stem Cells. <i>Turkish Journal of Immunology</i> , 2014, 1, 90-94.	0.1	0
48	Simplet/Fam53b is required for Wnt signal transduction by regulating $\beta^2$ -catenin nuclear localization. <i>Journal of Cell Science</i> , 2014, 127, e1-e1.	1.2	0