

Kaj Fried

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,354
citations

393982

19
h-index

500791

28
g-index

32
all docs

32
docs citations

32
times ranked

3151
citing authors

#	ARTICLE	IF	CITATIONS
1	Glial origin of mesenchymal stem cells in a tooth model system. <i>Nature</i> , 2014, 513, 551-554.	13.7	347
2	Spatiotemporal structure of cell fate decisions in murine neural crest. <i>Science</i> , 2019, 364, .	6.0	345
3	Multipotent peripheral glial cells generate neuroendocrine cells of the adrenal medulla. <i>Science</i> , 2017, 357, .	6.0	251
4	Parasympathetic neurons originate from nerve-associated peripheral glial progenitors. <i>Science</i> , 2014, 345, 82-87.	6.0	181
5	A radical switch in clonality reveals a stem cell niche in the epiphyseal growth plate. <i>Nature</i> , 2019, 567, 234-238.	13.7	153
6	Dental cell type atlas reveals stem and differentiated cell types in mouse and human teeth. <i>Nature Communications</i> , 2020, 11, 4816.	5.8	126
7	Structural basis of sympathetic-sensory coupling in rat and human dorsal root ganglia following peripheral nerve injury. <i>Journal of Neurocytology</i> , 1999, 28, 743-761.	1.6	115
8	NGF, BDNF, NT3, NT4 and GDNF in tooth development. <i>European Journal of Oral Sciences</i> , 1998, 106, 94-99.	0.7	90
9	Single-cell transcriptomics of human embryos identifies multiple sympathoblast lineages with potential implications for neuroblastoma origin. <i>Nature Genetics</i> , 2021, 53, 694-706.	9.4	90
10	Cellular expression of neurotrophin mRNAs during tooth development. <i>Cell and Tissue Research</i> , 1997, 290, 569-580.	1.5	79
11	Analysis of neural crest-derived clones reveals novel aspects of facial development. <i>Science Advances</i> , 2016, 2, e1600060.	4.7	68
12	Schwann Cell Precursors Generate the Majority of Chromaffin Cells in Zuckerkandl Organ and Some Sympathetic Neurons in Paraganglia. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 6.	1.4	65
13	Sodium channel expression in NGF-overexpressing transgenic mice. , 1999, 57, 39-47.		60
14	Schwann cell precursors contribute to skeletal formation during embryonic development in mice and zebrafish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15068-15073.	3.3	51
15	Oriented clonal cell dynamics enables accurate growth and shaping of vertebrate cartilage. <i>ELife</i> , 2017, 6, .	2.8	46
16	The Nervous System Orchestrates and Integrates Craniofacial Development: A Review. <i>Frontiers in Physiology</i> , 2016, 7, 49.	1.3	39
17	Growth of ascending spinal axons in CNS scar tissue. <i>International Journal of Developmental Neuroscience</i> , 1993, 11, 461-475.	0.7	38
18	Tooth pulp tissue promotes neurite outgrowth from rat trigeminal ganglia in vitro. <i>Journal of Neurocytology</i> , 1999, 28, 663-670.	1.6	30

#	ARTICLE	IF	CITATIONS
19	Secondary ossification center induces and protects growth plate structure. <i>ELife</i> , 2020, 9, .	2.8	29
20	Signals from the brain and olfactory epithelium control shaping of the mammalian nasal capsule cartilage. <i>ELife</i> , 2018, 7, .	2.8	28
21	Schwann cell precursors represent a neural crest-like state with biased multipotency. <i>EMBO Journal</i> , 2022, 41, .	3.5	28
22	Molecular differences between stromal cell populations from deciduous and permanent human teeth. <i>Stem Cell Research and Therapy</i> , 2015, 6, 59.	2.4	19
23	trkC-like Immunoreactivity in the Primate Descending Serotonergic System. <i>European Journal of Neuroscience</i> , 1994, 6, 230-236.	1.2	18
24	G Protein-Gated Inwardly Rectifying Potassium Channel Subunits 1 and 2 are Down-Regulated in Rat Dorsal Root Ganglion Neurons and Spinal Cord after Peripheral Axotomy. <i>Molecular Pain</i> , 2015, 11, s12990-015-0044.	1.0	18
25	Surface flow for colonial integration in reef-building corals. <i>Current Biology</i> , 2022, 32, 2596-2609.e7.	1.8	10
26	Animal models of trigeminal neuralgia: A commentary. <i>Molecular Pain</i> , 2020, 16, 174480692098053.	1.0	9
27	Serotonin limits generation of chromaffin cells during adrenal organ development. <i>Nature Communications</i> , 2022, 13, .	5.8	8
28	Schwann cell precursors generate sympathoadrenal system during zebrafish development. <i>Journal of Neuroscience Research</i> , 2021, 99, 2540-2557.	1.3	6
29	Sodium channel expression in NGF-overexpressing transgenic mice. <i>Journal of Neuroscience Research</i> , 1999, 57, 39-47.	1.3	2