Kaj Fried

List of Publications by Year
in descending order

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29 papers	2,354 citations	394421 19 h-index	501196 28 g-index
32 all docs	32 docs citations	32 times ranked	3151 citing authors

#	Article	IF	Citations
1	Surface flow for colonial integration in reef-building corals. Current Biology, 2022, 32, 2596-2609.e7.	3.9	10
2	Serotonin limits generation of chromaffin cells during adrenal organ development. Nature Communications, 2022, 13, .	12.8	8
3	Schwann cell precursors represent a neural crestâ€like state with biased multipotency. EMBO Journal, 2022, 41, .	7.8	28
4	Single-cell transcriptomics of human embryos identifies multiple sympathoblast lineages with potential implications for neuroblastoma origin. Nature Genetics, 2021, 53, 694-706.	21.4	90
5	Schwann cell precursors generate sympathoadrenal system during zebrafish development. Journal of Neuroscience Research, 2021, 99, 2540-2557.	2.9	6
6	Dental cell type atlas reveals stem and differentiated cell types in mouse and human teeth. Nature Communications, 2020, 11, 4816.	12.8	126
7	Animal models of trigeminal neuralgia: A commentary. Molecular Pain, 2020, 16, 174480692098053.	2.1	9
8	Secondary ossification center induces and protects growth plate structure. ELife, 2020, 9, .	6.0	29
9	Schwann cell precursors contribute to skeletal formation during embryonic development in mice and zebrafish. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15068-15073.	7.1	51
10	Schwann Cell Precursors Generate the Majority of Chromaffin Cells in Zuckerkandl Organ and Some Sympathetic Neurons in Paraganglia. Frontiers in Molecular Neuroscience, 2019, 12, 6.	2.9	65
11	Spatiotemporal structure of cell fate decisions in murine neural crest. Science, 2019, 364, .	12.6	345
12	A radical switch in clonality reveals a stem cell niche in the epiphyseal growth plate. Nature, 2019, 567, 234-238.	27.8	153
13	Signals from the brain and olfactory epithelium control shaping of the mammalian nasal capsule cartilage. ELife, 2018, 7, .	6.0	28
14	Multipotent peripheral glial cells generate neuroendocrine cells of the adrenal medulla. Science, 2017, 357, .	12.6	251
15	Oriented clonal cell dynamics enables accurate growth and shaping of vertebrate cartilage. ELife, 2017, 6, .	6.0	46
16	The Nervous System Orchestrates and Integrates Craniofacial Development: A Review. Frontiers in Physiology, 2016, 7, 49.	2.8	39
17	Analysis of neural crestâ€“derived clones reveals novel aspects of facial development. Science Advances, 2016, 2, e1600060.	10.3	68
18	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. Molecular Pain, 2015, 11, s12990-015-0044.	2.1	18

#	Article	IF	Citations
19	Molecular differences between stromal cell populations from deciduous and permanent human teeth. Stem Cell Research and Therapy, 2015, 6, 59.	5.5	19
20	Glial origin of mesenchymal stem cells in a tooth model system. Nature, 2014, 513, 551-554.	27.8	347
21	Parasympathetic neurons originate from nerve-associated peripheral glial progenitors. Science, 2014, 345, 82-87.	12.6	181
22	Tooth pulp tissue promotes neurite outgrowth from rat trigeminal ganglia in vitro. Journal of Neurocytology, 1999, 28, 663-670.	1.5	30
23	Structural basis of sympathetic-sensory coupling in rat and human dorsal root ganglia following peripheral nerve injury. Journal of Neurocytology, 1999, 28, 743-761.	1.5	115
24	Sodium channel expression in NGF-overexpressing transgenic mice. , 1999, 57, 39-47.		60
25	Sodium channel expression in NGFâ€overexpressing transgenic mice. Journal of Neuroscience Research, 1999, 57, 39-47.	2.9	2
26	NGF, BDNF, NT3, NT4 and GDNF in tooth development. European Journal of Oral Sciences, 1998, 106, 94-99.	1.5	90
27	Cellular expression of neurotrophin mRNAs during tooth development. Cell and Tissue Research, 1997, 290, 569-580.	2.9	79
28	trkC-like Immunoreactivity in the Primate Descending Serotoninergic System. European Journal of Neuroscience, 1994, 6, 230-236.	2.6	18
29	Growth of ascending spinal axons in CNS scar tissue. International Journal of Developmental Neuroscience, 1993, 11, 461-475.	1.6	38