Edgar R Kramer

List of Publications by Year
in descending order

34 papers	3,646 citations	331670 21 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	4370 citing authors

#	Article	IF	Citations
1	Developmental impact of glutamate transporter overexpression on dopaminergic neuron activity and stereotypic behavior. Molecular Psychiatry, 2022, 27, 1515-1526.	7.9	6
2	Is activation of GDNF/RET signaling the answer for successful treatment of Parkinsonâ€™s disease? A discussion of data from the culture dish to the clinic. Neural Regeneration Research, 2022, 17, 1462.	3.0	7
3	The Role of NEDD4 E3 Ubiquitinâ€“Protein Ligases in Parkinsonâ€™s Disease. Genes, 2022, 13, 513.	2.4	14
4	27.2 Selective Overexpression of EAAT3 in Midbrain Dopamine Neurons Leads to Increased OCD-like Behaviors. Journal of the American Academy of Child and Adolescent Psychiatry, 2020, 59, S202.	0.5	0
5	GDNF/RET signaling in dopamine neurons in vivo. Cell and Tissue Research, 2020, 382, 135-146.	2.9	15
6	Parkin deficiency perturbs striatal circuit dynamics. Neurobiology of Disease, 2020, 137, 104737.	4.4	7
7	Ret is essential to mediate GDNFâ€™s neuroprotective and neuroregenerative effect in a Parkinson disease mouse model. Cell Death and Disease, 2016, 7, e2359-e2359.	6.3	67
8	Neuroprotective Effect of<i>Coptis chinensis</i>in MPP+ and MPTP-Induced Parkinsonâ€™s Disease Models. The American Journal of Chinese Medicine, 2016, 44, 907-925.	3.8	31
9	An Efficient and Versatile System for Visualization and Genetic Modification of Dopaminergic Neurons in Transgenic Mice. PLoS ONE, 2015, 10, e0136203.	2.5	6
10	GDNFâ€“Ret signaling in midbrain dopaminergic neurons and its implication for Parkinson disease. FEBS Letters, 2015, 589, 3760-3772.	2.8	95
11	Parkin cooperates with GDNF/RET signaling to prevent dopaminergic neuron degeneration. Journal of Clinical Investigation, 2015, 125, 1873-1885.	8.2	67
12	Crosstalk of parkin and Ret in dopaminergic neurons. Oncotarget, 2015, 6, 15704-15705.	1.8	3
13	The neuroprotective and regenerative potential of parkin and GDNF/Ret signaling in the midbrain dopaminergic system. Neural Regeneration Research, 2015, 10, 1752.	3.0	6
14	Sonic Hedgehog Maintains Cellular and Neurochemical Homeostasis in the Adult Nigrostriatal Circuit. Neuron, 2012, 75, 306-319.	8.1	130
15	Three-dimensional imaging of the unsectioned adult spinal cord to assess axon regeneration and glial responses after injury. Nature Medicine, 2012, 18, 166-171.	30.7	298
16	Image enhancement in ultramicroscopy by improved laser light sheets. Journal of Biophotonics, 2010, 3, 686-695.	2.3	17
17	Pro-Survival Role for Parkinson's Associated Gene DJ-1 Revealed in Trophically Impaired Dopaminergic Neurons. PLoS Biology, 2010, 8, e1000349.	5.6	51
18	Polymorphisms in the receptor for GDNF (RET) are not associated with Parkinson's disease in Southern Germany. Neurobiology of Aging, 2010, 31, 167-168.	3.1	4

#	Article	IF	Citations
19	Ultramicroscopy: 3D reconstruction of large microscopical specimens. Journal of Biophotonics, 2008, 1, 36-42.	2.3	85
20	3D-Visualization of nerve fiber bundles by ultramicroscopy. Medical Laser Application: International Journal for Laser Treatment and Research, 2008, 23, 209-215.	0.3	11
21	The Rab5 guanylate exchange factor Rin1 regulates endocytosis of the EphA4 receptor in mature excitatory neurons. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12539-12544.	7.1	64
22	The Protein Dendrite Arborization and Synapse Maturation 1 (Dasm-1) Is Dispensable for Dendrite Arborization. Molecular and Cellular Biology, 2008, 28, 2782-2791.	2.3	18
23	RET signaling does not modulate MPTP toxicity but is required for regeneration of dopaminergic axon terminals. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20049-20054.	7.1	53
24	Absence of Ret Signaling in Mice Causes Progressive and Late Degeneration of the Nigrostriatal System. PLoS Biology, 2007, 5, e39.	5.6	166
25	Cooperation between GDNF/Ret and ephrinA/EphA4 Signals for Motor-Axon Pathway Selection in the Limb. Neuron, 2006, 50, 35-47.	8.1	184
26	Emi1 Is a Mitotic Regulator that Interacts with Cdc20 and Inhibits the Anaphase Promoting Complex. Cell, 2001, 105, 645-655.	28.9	362
27	Anaphase-Promoting Complex/Cyclosomeâ€"Dependent Proteolysis of Human Cyclin a Starts at the Beginning of Mitosis and Is Not Subject to the Spindle Assembly Checkpoint. Journal of Cell Biology, 2001, 153, 137-148.	5.2	380
28	A Conserved Cyclin-Binding Domain Determines Functional Interplay between Anaphase-Promoting Complexâ€"Cdh1 and Cyclin A-Cdk2 during Cell Cycle Progression. Molecular and Cellular Biology, 2001, 21, 3692-3703.	2.3	123
29	Cell cycle- and cell growth-regulated proteolysis of mammalian CDC6 is dependent on APC-CDH1. Genes and Development, 2000, 14, 2330-2343.	5.9	245
30	Mitotic Regulation of the APC Activator Proteins CDC20 and CDH1. Molecular Biology of the Cell, 2000, 11, 1555-1569.	2.1	405
31	Nonperiodic Activity of the Human Anaphase-Promoting Complexâ€"Cdh1 Ubiquitin Ligase Results in Continuous DNA Synthesis Uncoupled from Mitosis. Molecular and Cellular Biology, 2000, 20, 7613-7623.	2.3	102
32	Expression of the CDH1-associated form of the anaphase-promoting complex in postmitotic neurons. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 11317-11322.	7.1	179
33	Accumulation of cyclin B1 requires E2F and cyclin-A-dependent rearrangement of the anaphase-promoting complex. Nature, 1999, 401, 815-818.	27.8	269
34	Activation of the human anaphase-promoting complex by proteins of the CDC20/Fizzy family. Current Biology, 1998, 8, 1207-S4.	3.9	173