

# Edgar R Kramer

## List of Publications by Year in descending order

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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	Mitotic Regulation of the APC Activator Proteins CDC20 and CDH1. <i>Molecular Biology of the Cell</i> , 2000, 11, 1555-1569.	2.1	405
2	Anaphase-Promoting Complex/Cyclosome-Dependent Proteolysis of Human Cyclin a Starts at the Beginning of Mitosis and Is Not Subject to the Spindle Assembly Checkpoint. <i>Journal of Cell Biology</i> , 2001, 153, 137-148.	5.2	380
3	Emi1 Is a Mitotic Regulator that Interacts with Cdc20 and Inhibits the Anaphase Promoting Complex. <i>Cell</i> , 2001, 105, 645-655.	28.9	362
4	Three-dimensional imaging of the unsectioned adult spinal cord to assess axon regeneration and glial responses after injury. <i>Nature Medicine</i> , 2012, 18, 166-171.	30.7	298
5	Accumulation of cyclin B1 requires E2F and cyclin-A-dependent rearrangement of the anaphase-promoting complex. <i>Nature</i> , 1999, 401, 815-818.	27.8	269
6	Cell cycle- and cell growth-regulated proteolysis of mammalian CDC6 is dependent on APC-CDH1. <i>Genes and Development</i> , 2000, 14, 2330-2343.	5.9	245
7	Cooperation between GDNF/Ret and ephrinA/EphA4 Signals for Motor-Axon Pathway Selection in the Limb. <i>Neuron</i> , 2006, 50, 35-47.	8.1	184
8	Expression of the CDH1-associated form of the anaphase-promoting complex in postmitotic neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 11317-11322.	7.1	179
9	Activation of the human anaphase-promoting complex by proteins of the CDC20/Fizzy family. <i>Current Biology</i> , 1998, 8, 1207-S4.	3.9	173
10	Absence of Ret Signaling in Mice Causes Progressive and Late Degeneration of the Nigrostriatal System. <i>PLoS Biology</i> , 2007, 5, e39.	5.6	166
11	Sonic Hedgehog Maintains Cellular and Neurochemical Homeostasis in the Adult Nigrostriatal Circuit. <i>Neuron</i> , 2012, 75, 306-319.	8.1	130
12	A Conserved Cyclin-Binding Domain Determines Functional Interplay between Anaphase-Promoting Complex-Cdh1 and Cyclin A-Cdk2 during Cell Cycle Progression. <i>Molecular and Cellular Biology</i> , 2001, 21, 3692-3703.	2.3	123
13	Nonperiodic Activity of the Human Anaphase-Promoting Complex-Cdh1 Ubiquitin Ligase Results in Continuous DNA Synthesis Uncoupled from Mitosis. <i>Molecular and Cellular Biology</i> , 2000, 20, 7613-7623.	2.3	102
14	GDNF-Ret signaling in midbrain dopaminergic neurons and its implication for Parkinson disease. <i>FEBS Letters</i> , 2015, 589, 3760-3772.	2.8	95
15	Ultramicroscopy: 3D reconstruction of large microscopical specimens. <i>Journal of Biophotonics</i> , 2008, 1, 36-42.	2.3	85
16	Ret is essential to mediate GDNF's neuroprotective and neuroregenerative effect in a Parkinson disease mouse model. <i>Cell Death and Disease</i> , 2016, 7, e2359-e2359.	6.3	67
17	Parkin cooperates with GDNF/RET signaling to prevent dopaminergic neuron degeneration. <i>Journal of Clinical Investigation</i> , 2015, 125, 1873-1885.	8.2	67
18	The Rab5 guanylate exchange factor Rin1 regulates endocytosis of the EphA4 receptor in mature excitatory neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12539-12544.	7.1	64

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19	RET signaling does not modulate MPTP toxicity but is required for regeneration of dopaminergic axon terminals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20049-20054.	7.1	53
20	Pro-Survival Role for Parkinson's Associated Gene DJ-1 Revealed in Trophically Impaired Dopaminergic Neurons. <i>PLoS Biology</i> , 2010, 8, e1000349.	5.6	51
21	Neuroprotective Effect of <i>Coptis chinensis</i> in MPP+ and MPTP-Induced Parkinson's Disease Models. <i>The American Journal of Chinese Medicine</i> , 2016, 44, 907-925.	3.8	31
22	The Protein Dendrite Arborization and Synapse Maturation 1 (Dasm-1) Is Dispensable for Dendrite Arborization. <i>Molecular and Cellular Biology</i> , 2008, 28, 2782-2791.	2.3	18
23	Image enhancement in ultramicroscopy by improved laser light sheets. <i>Journal of Biophotonics</i> , 2010, 3, 686-695.	2.3	17
24	GDNF/RET signaling in dopamine neurons in vivo. <i>Cell and Tissue Research</i> , 2020, 382, 135-146.	2.9	15
25	The Role of NEDD4 E3 Ubiquitin-Protein Ligases in Parkinson's Disease. <i>Genes</i> , 2022, 13, 513.	2.4	14
26	3D-Visualization of nerve fiber bundles by ultramicroscopy. <i>Medical Laser Application: International Journal for Laser Treatment and Research</i> , 2008, 23, 209-215.	0.3	11
27	Parkin deficiency perturbs striatal circuit dynamics. <i>Neurobiology of Disease</i> , 2020, 137, 104737.	4.4	7
28	Is activation of GDNF/RET signaling the answer for successful treatment of Parkinson's disease? A discussion of data from the culture dish to the clinic. <i>Neural Regeneration Research</i> , 2022, 17, 1462.	3.0	7
29	An Efficient and Versatile System for Visualization and Genetic Modification of Dopaminergic Neurons in Transgenic Mice. <i>PLoS ONE</i> , 2015, 10, e0136203.	2.5	6
30	The neuroprotective and regenerative potential of parkin and GDNF/Ret signaling in the midbrain dopaminergic system. <i>Neural Regeneration Research</i> , 2015, 10, 1752.	3.0	6
31	Developmental impact of glutamate transporter overexpression on dopaminergic neuron activity and stereotypic behavior. <i>Molecular Psychiatry</i> , 2022, 27, 1515-1526.	7.9	6
32	Polymorphisms in the receptor for GDNF (RET) are not associated with Parkinson's disease in Southern Germany. <i>Neurobiology of Aging</i> , 2010, 31, 167-168.	3.1	4
33	Crosstalk of parkin and Ret in dopaminergic neurons. <i>Oncotarget</i> , 2015, 6, 15704-15705.	1.8	3
34	27.2 Selective Overexpression of EAAT3 in Midbrain Dopamine Neurons Leads to Increased OCD-like Behaviors. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2020, 59, S202.	0.5	0