Johannes GrÃ¤ff

List of Publications by Year
in descending order

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43 papers	5,923 citations	257450 24 h-index	289244 40 g-index
48 all docs	48 docs citations	48 times ranked	8068 citing authors

#	Article	IF	Citations
1	Epigenetic Transmission of the Impact of Early Stress Across Generations. Biological Psychiatry, 2010, 68, 408-415.	1.3	991
2	A novel pathway regulates memory and plasticity via SIRT1 and miR-134. Nature, 2010, 466, 1105-1109.	27.8	864
3	An epigenetic blockade of cognitive functions in the neurodegenerating brain. Nature, 2012, 483, 222-226.	27.8	733
4	Histone acetylation: molecular mnemonics on the chromatin. Nature Reviews Neuroscience, 2013, 14, 97-111.	10.2	512
5	Epigenetic Priming of Memory Updating during Reconsolidation to Attenuate Remote Fear Memories. Cell, 2014, 156, 261-276.	28.9	318
6	Epigenetic Regulation of Gene Expression in Physiological and Pathological Brain Processes. Physiological Reviews, 2011, 91, 603-649.	28.8	315
7	The Potential of HDAC Inhibitors as Cognitive Enhancers. Annual Review of Pharmacology and Toxicology, 2013, 53, 311-330.	9.4	253
8	Epigenetic codes in cognition and behaviour. Behavioural Brain Research, 2008, 192, 70-87.	2.2	245
9	Protein Phosphatase 1 Regulates the Histone Code for Long-Term Memory. Journal of Neuroscience, 2009, 29, 13079-13089.	3.6	189
10	Autism spectrum disorder susceptibility gene TAOK2 affects basal dendrite formation in the neocortex. Nature Neuroscience, 2012, 15, 1022-1031.	14.8	149
11	Epigenetic Alterations in Alzheimerâ€™s Disease. Frontiers in Behavioral Neuroscience, 2015, 9, 347.	2.0	143
12	Epigenetic dysregulation in cognitive disorders. European Journal of Neuroscience, 2009, 30, 1-8.	2.6	141
13	The neural circuits of innate fear: detection, integration, action, and memorization. Learning and Memory, 2016, 23, 544-555.	1.3	129
14	A Dietary Regimen of Caloric Restriction or Pharmacological Activation of SIRT1 to Delay the Onset of Neurodegeneration. Journal of Neuroscience, 2013, 33, 8951-8960.	3.6	113
15	Dynamic histone marks in the hippocampus and cortex facilitate memory consolidation. Nature Communications, 2012, 3, 991.	12.8	104
16	Reactivation of recall-induced neurons contributes to remote fear memory attenuation. Science, 2018, 360, 1239-1242.	12.6	96
17	A cFos activation map of remote fear memory attenuation. Psychopharmacology, 2019, 236, 369-381.	3.1	86
18	PM20D1 is aÂquantitative trait locus associated with Alzheimerâ€™s disease. Nature Medicine, 2018, 24, 598-603.	30.7	73

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19	Basolateral amygdala bidirectionally modulates stress-induced hippocampal learning and memory deficits through a p25/Cdk5-dependent pathway. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7291-7296.	7.1	62
20	Protein phosphatase 1-dependent transcriptional programs for long-term memory and plasticity. Learning and Memory, 2010, 17, 355-363.	1.3	55
21	A thalamo-amygdalar circuit underlying the extinction of remote fear memories. Nature Neuroscience, 2021, 24, 964-974.	14.8	44
22	The mysteries of remote memory. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170029.	4.0	37
23	Cognitive epigenetic priming: leveraging histone acetylation for memory amelioration. Current Opinion in Neurobiology, 2021, 67, 75-84.	4.2	33
24	Synaptic Deficits Are Rescued in the p25/Cdk5 Model of Neurodegeneration by the Reduction of Î²-Secretase (BACE1). Journal of Neuroscience, 2011, 31, 15751-15756.	3.6	29
25	Cortical neurons gradually attain a post-mitotic state. Cell Research, 2016, 26, 1033-1047.	12.0	24
26	The Medial Prefrontal Cortex and Fear Memory: Dynamics, Connectivity, and Engrams. International Journal of Molecular Sciences, 2021, 22, 12113.	4.1	20
27	Structural, Synaptic, and Epigenetic Dynamics of Enduring Memories. Neural Plasticity, 2016, 2016, 1-11.	2.2	19
28	Amygdala GluN2B-NMDAR dysfunction is critical in abnormal aggression of neurodevelopmental origin induced by St8sia2 deficiency. Molecular Psychiatry, 2020, 25, 2144-2161.	7.9	18
29	On the resilience of remote traumatic memories against exposure therapyâ€mediated attenuation. EMBO Reports, 2014, 15, 853-861.	4.5	17
30	Comprehensive analysis of PM20D1 QTL in Alzheimerâ€™s disease. Clinical Epigenetics, 2020, 12, 20.	4.1	16
31	Reactivation of Recall-Induced Neurons in the Infralimbic Cortex and the Basolateral Amygdala After Remote Fear Memory Attenuation. Frontiers in Molecular Neuroscience, 2019, 12, 70.	2.9	14
32	Whole genome grey and white matter DNA methylation profiles in dorsolateral prefrontal cortex. Synapse, 2017, 71, e21959.	1.2	13
33	Brain-wide screen of prelimbic cortex inputs reveals a functional shift during early fear memory consolidation. ELife, 0, 11, .	6.0	13
34	A molecular memory booster. Nature, 2011, 469, 474-475.	27.8	12
35	The HDAC inhibitor CI-994 acts as a molecular memory aid by facilitating synaptic and intracellular communication after learning. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	11
36	Neurogenetic and Neuroepigenetic Mechanisms in Cognitive Health and Disease. Frontiers in Molecular Neuroscience, 2020, 13, 205.	2.9	7

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37	Balancing family with a successful career in neuroscience. European Journal of Neuroscience, 2016, 44, 1797-1803.	2.6	5
38	Psychotropic drug-induced genetic-epigenetic modulation of CRTC1 gene is associated with early weight gain in a prospective study of psychiatric patients. Clinical Epigenetics, 2019, 11, 198.	4.1	5
39	Epigenetics of Brain Disorders. , 2011, , 553-567.		4
40	FORMIN g a link between PTSD and AD. EMBO Journal, 2017, 36, 2809-2811.	7.8	4
41	Engram Excitement. Neuron, 2019, 101, 198-200.	8.1	3
42	Enhanced plasticity of mature granule cells reduces survival of newborn neurons in the adult mouse hippocampus. Matters Select, 0, , .	3.0	0
43	La mÃ©moire dans les gÃ¨nes. , 2021, NÂ° 134, 32-38.		0