

# Charles A Hoeffler

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

3,526  
citations

516710

16  
h-index

642732

23  
g-index

30  
all docs

30  
docs citations

30  
times ranked

5980  
citing authors

#	ARTICLE	IF	CITATIONS
1	mTOR signaling: At the crossroads of plasticity, memory and disease. <i>Trends in Neurosciences</i> , 2010, 33, 67-75.	8.6	953
2	The maternal interleukin-17a pathway in mice promotes autism-like phenotypes in offspring. <i>Science</i> , 2016, 351, 933-939.	12.6	844
3	Dysregulation of mTOR Signaling in Fragile X Syndrome. <i>Journal of Neuroscience</i> , 2010, 30, 694-702.	3.6	497
4	Removal of FKBP12 Enhances mTOR-Raptor Interactions, LTP, Memory, and Perseverative/Repetitive Behavior. <i>Neuron</i> , 2008, 60, 832-845.	8.1	201
5	Nicotine reverses hypofrontality in animal models of addiction and schizophrenia. <i>Nature Medicine</i> , 2017, 23, 347-354.	30.7	142
6	Removal of S6K1 and S6K2 leads to divergent alterations in learning, memory, and synaptic plasticity. <i>Learning and Memory</i> , 2008, 15, 29-38.	1.3	132
7	mGluR-Dependent Long-Term Depression Is Associated with Increased Phosphorylation of S6 and Synthesis of Elongation Factor 1A but Remains Expressed in S6K-Deficient Mice. <i>Molecular and Cellular Biology</i> , 2008, 28, 2996-3007.	2.3	100
8	The Down Syndrome Critical Region Protein RCAN1 Regulates Long-Term Potentiation and Memory via Inhibition of Phosphatase Signaling. <i>Journal of Neuroscience</i> , 2007, 27, 13161-13172.	3.6	98
9	Tau pathology induces loss of GABAergic interneurons leading to altered synaptic plasticity and behavioral impairments. <i>Acta Neuropathologica Communications</i> , 2013, 1, 34.	5.2	98
10	Maternal IL-17A in autism. <i>Experimental Neurology</i> , 2018, 299, 228-240.	4.1	90
11	AKT isoforms have distinct hippocampal expression and roles in synaptic plasticity. <i>ELife</i> , 2017, 6, .	6.0	76
12	Antipsychotics Activate mTORC1-Dependent Translation to Enhance Neuronal Morphological Complexity. <i>Science Signaling</i> , 2014, 7, ra4.	3.6	62
13	RCAN1 overexpression promotes age-dependent mitochondrial dysregulation related to neurodegeneration in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2015, 130, 829-843.	7.7	61
14	Affinity of Tau antibodies for solubilized pathological Tau species but not their immunogen or insoluble Tau aggregates predicts in vivo and ex vivo efficacy. <i>Molecular Neurodegeneration</i> , 2016, 11, 62.	10.8	54
15	Multiple components of eIF4F are required for protein synthesis-dependent hippocampal long-term potentiation. <i>Journal of Neurophysiology</i> , 2013, 109, 68-76.	1.8	30
16	Isoform-specific roles for AKT in affective behavior, spatial memory, and extinction related to psychiatric disorders. <i>ELife</i> , 2020, 9, .	6.0	20
17	cGMP-dependent protein kinase type II knockout mice exhibit working memory impairments, decreased repetitive behavior, and increased anxiety-like traits. <i>Neurobiology of Learning and Memory</i> , 2014, 114, 32-39.	1.9	19
18	Regulator of Calcineurin 1 Modulates Expression of Innate Anxiety and Anxiogenic Responses to Selective Serotonin Reuptake Inhibitor Treatment. <i>Journal of Neuroscience</i> , 2013, 33, 16930-16944.	3.6	16

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19	Upregulation of eIF4E, but not other translation initiation factors, in dendritic spines during memory formation. <i>Journal of Comparative Neurology</i> , 2021, 529, 3112-3126.	1.6	12
20	Immunohistological Examination of AKT Isoforms in the Brain: Cell-Type Specificity That May Underlie AKT's Role in Complex Brain Disorders and Neurological Disease. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab036.	1.6	7
21	The Role of A Priori-Identified Addiction and Smoking Gene Sets in Smoking Behaviors. <i>Nicotine and Tobacco Research</i> , 2020, 22, 1310-1315.	2.6	5
22	Novel characterization of the multivariate genetic architecture of internalizing psychopathology and alcohol use. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2021, 186, 353-366.	1.7	5
23	RCAN1 knockout and overexpression recapitulate an ensemble of rest-activity and circadian disruptions characteristic of Down syndrome, Alzheimer's disease, and normative aging. <i>Journal of Neurodevelopmental Disorders</i> , 2022, 14, .	3.1	2
24	Epigenetic dysregulation via regulator of calcineurin 1 (RCAN1) in Alzheimer's disease. <i>FASEB Journal</i> , 2012, 26, 928.8.	0.5	0