

# Geoffrey A Kerchner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12001722/publications.pdf>

Version: 2024-02-01

36  
papers

5,427  
citations

218677

26  
h-index

361022

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

7401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of CSF Biomarkers With Hippocampal-Dependent Memory in Preclinical Alzheimer Disease. <i>Neurology</i> , 2021, 96, e1470-e1481.	1.1	19
2	Substantia Nigra Volume Dissociates Bradykinesia and Rigidity from Tremor in Parkinson's Disease: A 7 Tesla Imaging Study. <i>Journal of Parkinson's Disease</i> , 2020, 10, 591-604.	2.8	16
3	Hippocampal and cortical mechanisms at retrieval explain variability in episodic remembering in older adults. <i>ELife</i> , 2020, 9, .	6.0	38
4	Hippocampal CA1 subfield predicts episodic memory impairment in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 23, 101824.	2.7	47
5	Safety, Tolerability, and Feasibility of Young Plasma Infusion in the Plasma for Alzheimer Symptom Amelioration Study. <i>JAMA Neurology</i> , 2019, 76, 35.	9.0	77
6	Individual differences in associative memory among older adults explained by hippocampal subfield structure and function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12075-12080.	7.1	62
7	A harmonized segmentation protocol for hippocampal and parahippocampal subregions: Why do we need one and what are the key goals?. <i>Hippocampus</i> , 2017, 27, 3-11.	1.9	130
8	The Role of Aging in Alzheimer's Disease. , 2016, , 197-227.		12
9	Quantitative comparison of 21 protocols for labeling hippocampal subfields and parahippocampal subregions in in vivo MRI: Towards a harmonized segmentation protocol. <i>NeuroImage</i> , 2015, 111, 526-541.	4.2	284
10	Optimization of Magnetization-Prepared 3-Dimensional Fluid Attenuated Inversion Recovery Imaging for Lesion Detection at 7 T. <i>Investigative Radiology</i> , 2014, 49, 290-298.	6.2	27
11	Noninvasive in vivo monitoring of tissue-specific global gene expression in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7361-7366.	7.1	275
12	Influenza-associated global amnesia and hippocampal imaging abnormality. <i>Neurocase</i> , 2014, 20, 446-451.	0.6	8
13	<i>APOE</i> $\epsilon$ 4 worsens hippocampal CA1 apical neuropil atrophy and episodic memory. <i>Neurology</i> , 2014, 82, 691-697.	1.1	75
14	Shared Vulnerability of Two Synaptically-Connected Medial Temporal Lobe Areas to Age and Cognitive Decline: A Seven Tesla Magnetic Resonance Imaging Study. <i>Journal of Neuroscience</i> , 2013, 33, 16666-16672.	3.6	41
15	Novel presenilin-1 Y159F sequence variant associated with early-onset Alzheimer's disease. <i>Neuroscience Letters</i> , 2012, 531, 142-144.	2.1	6
16	Hippocampal CA1 apical neuropil atrophy and memory performance in Alzheimer's disease. <i>NeuroImage</i> , 2012, 63, 194-202.	4.2	144
17	Cognitive Processing Speed in Older Adults: Relationship with White Matter Integrity. <i>PLoS ONE</i> , 2012, 7, e50425.	2.5	201
18	Amyloid imaging for Alzheimer's disease. <i>Expert Opinion on Medical Diagnostics</i> , 2011, 5, 527-538.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Ultra-High Field 7T MRI: A New Tool for Studying Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 91-95.	2.6	39
20	Abhorring the vacuum: use of Alzheimer's disease medications in frontotemporal dementia. <i>Expert Review of Neurotherapeutics</i> , 2011, 11, 709-717.	2.8	47
21	Bapineuzumab. <i>Expert Opinion on Biological Therapy</i> , 2010, 10, 1121-1130.	3.1	81
22	Silent synapses and the emergence of a postsynaptic mechanism for LTP. <i>Nature Reviews Neuroscience</i> , 2008, 9, 813-825.	10.2	519
23	Glutamate and the Presynaptic Control of Spinal Sensory Transmission. <i>Neuroscientist</i> , 2002, 8, 89-92.	3.5	29
24	Kainate Receptor Subunits Underlying Presynaptic Regulation of Transmitter Release in the Dorsal Horn. <i>Journal of Neuroscience</i> , 2002, 22, 8010-8017.	3.6	89
25	Presynaptic Suppression of Dorsal Horn Inhibitory Transmission by $\mu$ -Opioid Receptors. <i>Journal of Neurophysiology</i> , 2002, 88, 520-522.	1.8	27
26	Direct Presynaptic Regulation of GABA/Glycine Release by Kainate Receptors in the Dorsal Horn. <i>Neuron</i> , 2001, 32, 477-488.	8.1	116
27	Presynaptic Kainate Receptors Regulate Spinal Sensory Transmission. <i>Journal of Neuroscience</i> , 2001, 21, 59-66.	3.6	148
28	Genetic enhancement of inflammatory pain by forebrain NR2B overexpression. <i>Nature Neuroscience</i> , 2001, 4, 164-169.	14.8	305
29	Reply To "Do 'smart' mice feel more pain, or are they just better learners?". <i>Nature Neuroscience</i> , 2001, 4, 453-454.	14.8	11
30	Zn <sup>2+</sup> current is mediated by voltage-gated Ca <sup>2+</sup> channels and enhanced by extracellular acidity in mouse cortical neurones. <i>Journal of Physiology</i> , 2000, 528, 39-52.	2.9	97
31	Speaking Out of Turn: A Role for Silent Synapses in Pain. <i>IUBMB Life</i> , 1999, 48, 251-256.	3.4	19
32	AMPA receptor-PDZ interactions in facilitation of spinal sensory synapses. <i>Nature Neuroscience</i> , 1999, 2, 972-977.	14.8	180
33	Genetic enhancement of learning and memory in mice. <i>Nature</i> , 1999, 401, 63-69.	27.8	1,666
34	Speaking Out of Turn: A Role for Silent Synapses in Pain. <i>IUBMB Life</i> , 1999, 48, 251-256.	3.4	24
35	Endogenous voltage-gated potassium channels in human embryonic kidney (HEK293) cells. <i>Journal of Neuroscience Research</i> , 1998, 52, 612-617.	2.9	129
36	Measurement of Intracellular Free Zinc in Living Cortical Neurons: Routes of Entry. <i>Journal of Neuroscience</i> , 1997, 17, 9554-9564.	3.6	436