

# Julietta U Frey

## List of Publications by Year in descending order

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36  
papers

3,237  
citations

257357

24  
h-index

345118

36  
g-index

36  
all docs

36  
docs citations

36  
times ranked

3074  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of acute swim stress and training in the water maze on hippocampal synaptic activity as well as plasticity in the dentate gyrus of freely moving rats: Revisiting swim-induced LTP reinforcement. <i>Hippocampus</i> , 2013, 23, 1291-1298.	0.9	11
2	Novelty exposure overcomes foot shock-induced spatial-memory impairment by processes of synaptic-tagging in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 953-958.	3.3	60
3	Identification of transmitter systems and learning tag molecules involved in behavioral tagging during memory formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12931-12936.	3.3	155
4	Nuclear Translocation of Jacob in Hippocampal Neurons after Stimuli Inducing Long-Term Potentiation but Not Long-Term Depression. <i>PLoS ONE</i> , 2011, 6, e17276.	1.1	46
5	Simultaneous recording of the field-EPSP as well as the population spike in the CA1 region in freely moving rats by using a fixed "double" recording electrode. <i>Journal of Neuroscience Methods</i> , 2010, 188, 1-6.	1.3	6
6	Functional Differences between and across Different Regions of the Apical Branch of Hippocampal CA1 Dendrites with Respect to Long-Term Depression Induction and Synaptic Cross-Tagging. <i>Journal of Neuroscience</i> , 2010, 30, 5118-5123.	1.7	25
7	Protein kinase MÅ is essential for the induction and maintenance of dopamine-induced long-term potentiation in apical CA1 dendrites. <i>Learning and Memory</i> , 2010, 17, 605-611.	0.5	30
8	Interfering with the Actin Network and Its Effect on Long-Term Potentiation and Synaptic Tagging in Hippocampal CA1 Neurons in Slices <i>In Vitro</i> . <i>Journal of Neuroscience</i> , 2009, 29, 12167-12173.	1.7	104
9	Modulation of extracellular monoamine transmitter concentrations in the hippocampus after weak and strong tetanization of the perforant path in freely moving rats. <i>Brain Research</i> , 2009, 1273, 29-38.	1.1	16
10	Synaptic plasticity and the analysis of the field-EPSP as well as the population spike using separate recording electrodes in the dentate gyrus in freely moving rats. <i>Journal of Neuroscience Methods</i> , 2009, 184, 79-87.	1.3	10
11	Stimulation of the nucleus raphe medialis modifies basal synaptic transmission at the dentate gyrus, but not long-term potentiation or its reinforcement by stimulation of the basolateral amygdala. <i>Neuroscience Letters</i> , 2009, 464, 179-183.	1.0	4
12	Chapter 7 "Synaptic tagging" and "cross-tagging" and related associative reinforcement processes of functional plasticity as the cellular basis for memory formation. <i>Progress in Brain Research</i> , 2008, 169, 117-143.	0.9	124
13	Spatial learning in the holeboard impairs an early phase of long-term potentiation in the rat hippocampal CA1-region. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 545-551.	1.0	11
14	Distinct single but not necessarily repeated tetanization is required to induce hippocampal late-LTP in the rat CA1: Figure 1.. <i>Learning and Memory</i> , 2008, 15, 46-49.	0.5	24
15	Novel Scenes Improve Recollection and Recall of Words. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1250-1265.	1.1	73
16	Identification of Compartment- and Process-Specific Molecules Required for "Synaptic Tagging" during Long-Term Potentiation and Long-Term Depression in Hippocampal CA1. <i>Journal of Neuroscience</i> , 2007, 27, 5068-5080.	1.7	177
17	Hormonal and monoamine signaling during reinforcement of hippocampal long-term potentiation and memory retrieval. <i>Learning and Memory</i> , 2007, 14, 160-166.	0.5	37
18	The late maintenance of hippocampal LTP: Requirements, phases, "synaptic tagging", "late-associativity" and implications. <i>Neuropharmacology</i> , 2007, 52, 24-40.	2.0	280

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19	Cholinergic afferents to the locus coeruleus and noradrenergic afferents to the medial septum mediate LTP-reinforcement in the dentate gyrus by stimulation of the amygdala. <i>Neurobiology of Learning and Memory</i> , 2007, 88, 331-341.	1.0	58
20	Cognitive and emotional information processing: protein synthesis and gene expression. <i>Journal of Physiology</i> , 2007, 584, 389-400.	1.3	20
21	Search for a two-input model for future investigations of "synaptic tagging"™ in freely moving animals in vivo. <i>Journal of Neuroscience Methods</i> , 2006, 152, 220-228.	1.3	6
22	Long-Term Effects of Brief Acute Stress on Cellular Signaling and Hippocampal LTP. <i>Journal of Neuroscience</i> , 2006, 26, 3951-3958.	1.7	101
23	Bidirectional Modulation of Hippocampal Long-Term Potentiation under Stress and No-Stress Conditions in Basolateral Amygdala-Lesioned and Intact Rats. <i>Journal of Neuroscience</i> , 2005, 25, 7393-7400.	1.7	55
24	Reinforcement of rat hippocampal LTP by holeboard training. <i>Learning and Memory</i> , 2005, 12, 165-171.	0.5	79
25	Reward-Related fMRI Activation of Dopaminergic Midbrain Is Associated with Enhanced Hippocampus-Dependent Long-Term Memory Formation. <i>Neuron</i> , 2005, 45, 459-467.	3.8	579
26	Plasticity-specific phosphorylation of CaMKII, MAP-kinases and CREB during late-LTP in rat hippocampal slices in vitro. <i>Neuropharmacology</i> , 2005, 49, 477-492.	2.0	96
27	Long-term potentiation in the dentate gyrus in freely moving rats is reinforced by intraventricular application of norepinephrine, but not oxotremorine. <i>Neurobiology of Learning and Memory</i> , 2005, 83, 72-78.	1.0	42
28	Activation of Midbrain Structures by Associative Novelty and the Formation of Explicit Memory in Humans. <i>Learning and Memory</i> , 2004, 11, 383-387.	0.5	105
29	Emotional and cognitive reinforcement of rat hippocampal long-term potentiation by different learning paradigms. <i>Neuron Glia Biology</i> , 2004, 1, 253-261.	2.0	22
30	Late-associativity, synaptic tagging, and the role of dopamine during LTP and LTD. <i>Neurobiology of Learning and Memory</i> , 2004, 82, 12-25.	1.0	291
31	LTP in cultured hippocampal "entorhinal cortex slices from young adult (P25-30) rats. <i>Journal of Neuroscience Methods</i> , 2003, 130, 19-32.	1.3	45
32	Anisomycin inhibits the late maintenance of long-term depression in rat hippocampal slices in vitro. <i>Neuroscience Letters</i> , 2003, 338, 147-150.	1.0	65
33	Bidirectional modulation of long-term potentiation by novelty-exploration in rat dentate gyrus. <i>Neuroscience Letters</i> , 2003, 344, 5-8.	1.0	97
34	Behavioral reinforcement of long-term potentiation in rat dentate gyrus in vivo is protein synthesis-dependent. <i>Neuroscience Letters</i> , 2003, 351, 56-58.	1.0	22
35	Stress-Related Modulation of Hippocampal Long-Term Potentiation in Rats: Involvement of Adrenal Steroid Receptors. <i>Journal of Neuroscience</i> , 2003, 23, 7281-7287.	1.7	142
36	Does cAMP Response Element-Binding Protein Have a Pivotal Role in Hippocampal Synaptic Plasticity and Hippocampus-Dependent Memory?. <i>Journal of Neuroscience</i> , 2003, 23, 6304-6314.	1.7	219