

Stephen M Fitzjohn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4243794/publications.pdf>

Version: 2024-02-01

19
papers

1,503
citations

623734

14
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

2145
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential roles of NR2A and NR2B-containing NMDA receptors in LTP and LTD in the CA1 region of two-week old rat hippocampus. <i>Neuropharmacology</i> , 2007, 52, 60-70.	4.1	246
2	Metabotropic Glutamate Receptor-Mediated Long-Term Depression: Molecular Mechanisms. <i>Pharmacological Reviews</i> , 2009, 61, 395-412.	16.0	194
3	The JAK/STAT Pathway Is Involved in Synaptic Plasticity. <i>Neuron</i> , 2012, 73, 374-390.	8.1	185
4	Tyrosine Phosphatases Regulate AMPA Receptor Trafficking during Metabotropic Glutamate Receptor-Mediated Long-Term Depression. <i>Journal of Neuroscience</i> , 2006, 26, 2544-2554.	3.6	162
5	A characterisation of long-term depression induced by metabotropic glutamate receptor activation in the rat hippocampus in vitro. <i>Journal of Physiology</i> , 2001, 537, 421-430.	2.9	158
6	DHPG-induced LTD in area CA1 of juvenile rat hippocampus; characterisation and sensitivity to novel mGlu receptor antagonists. <i>Neuropharmacology</i> , 1999, 38, 1577-1583.	4.1	152
7	Co-activation of p38 mitogen-activated protein kinase and protein tyrosine phosphatase underlies metabotropic glutamate receptor-dependent long-term depression. <i>Journal of Physiology</i> , 2008, 586, 2499-2510.	2.9	92
8	Different NMDA receptor subtypes mediate induction of long-term potentiation and two forms of short-term potentiation at CA1 synapses in rat hippocampus <i>in vitro</i> . <i>Journal of Physiology</i> , 2013, 591, 955-972.	2.9	83
9	A systematic investigation of the protein kinases involved in NMDA receptor-dependent LTD: evidence for a role of GSK-3 but not other serine/threonine kinases. <i>Molecular Brain</i> , 2009, 2, 22.	2.6	82
10	Study of Novel Selective mGlu2 Agonist in the Temporo-Ammonic Input to CA1 Neurons Reveals Reduced mGlu2 Receptor Expression in a Wistar Substrain with an Anxiety-Like Phenotype. <i>Journal of Neuroscience</i> , 2011, 31, 6721-6731.	3.6	33
11	Antagonists reversibly reverse chemical LTD induced by group I, group II and group III metabotropic glutamate receptors. <i>Neuropharmacology</i> , 2013, 74, 135-146.	4.1	26
12	Promiscuous Interactions between AMPA-Rs and MAGUKs. <i>Neuron</i> , 2006, 52, 222-224.	8.1	17
13	The use of the hippocampal slice preparation in the study of Alzheimer's disease. <i>European Journal of Pharmacology</i> , 2008, 585, 50-59.	3.5	17
14	mGlu1 Receptor-Induced LTD of NMDA Receptor Transmission Selectively at Schaffer Collateral-CA1 Synapses Mediates Metaplasticity. <i>Journal of Neuroscience</i> , 2014, 34, 12223-12229.	3.6	16
15	A study of long-term potentiation in transgenic mice over-expressing mutant forms of both amyloid precursor protein and presenilin-1. <i>Molecular Brain</i> , 2010, 3, 21.	2.6	13
16	Differences in kainate receptor involvement in hippocampal mossy fibre long-term potentiation depending on slice orientation. <i>Neurochemistry International</i> , 2012, 61, 482-489.	3.8	13
17	Modulation of synaptic transmission in the rat ventral septal area by the pharmacological activation of metabotropic glutamate receptors. <i>European Journal of Neuroscience</i> , 2000, 12, 1843-1847.	2.6	9
18	Endocannabinoids. <i>Neuron</i> , 2004, 43, 762-764.	8.1	3

#	ARTICLE	IF	CITATIONS
19	BRAGging about Mechanisms of Long-Term Depression. Neuron, 2010, 66, 627-630.	8.1	2