

Pradeep Kurup

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11668153/publications.pdf>

Version: 2024-02-01

24
papers

1,599
citations

471509

17
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	Extrasynaptic NMDA Receptors Couple Preferentially to Excitotoxicity via Calpain-Mediated Cleavage of STEP. <i>Journal of Neuroscience</i> , 2009, 29, 9330-9343.	3.6	256
2	A β -Mediated NMDA Receptor Endocytosis in Alzheimer's Disease Involves Ubiquitination of the Tyrosine Phosphatase STEP ₆₁ . <i>Journal of Neuroscience</i> , 2010, 30, 5948-5957.	3.6	198
3	Genetic reduction of striatal-enriched tyrosine phosphatase (STEP) reverses cognitive and cellular deficits in an Alzheimer's disease mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19014-19019.	7.1	179
4	The Tyrosine Phosphatase STEP Mediates AMPA Receptor Endocytosis after Metabotropic Glutamate Receptor Stimulation. <i>Journal of Neuroscience</i> , 2008, 28, 10561-10566.	3.6	169
5	Therapeutic Implications for Striatal-Enriched Protein Tyrosine Phosphatase (STEP) in Neuropsychiatric Disorders. <i>Pharmacological Reviews</i> , 2012, 64, 65-87.	16.0	152
6	Inhibitor of the Tyrosine Phosphatase STEP Reverses Cognitive Deficits in a Mouse Model of Alzheimer's Disease. <i>PLoS Biology</i> , 2014, 12, e1001923.	5.6	119
7	Knockout of Striatal enriched protein tyrosine phosphatase in mice results in increased ERK1/2 phosphorylation. <i>Synapse</i> , 2009, 63, 69-81.	1.2	84
8	Striatal-enriched Protein-tyrosine Phosphatase (STEP) Regulates Pyk2 Kinase Activity. <i>Journal of Biological Chemistry</i> , 2012, 287, 20942-20956.	3.4	77
9	Status Epilepticus-Induced Somatostatinergic Hilar Interneuron Degeneration Is Regulated by Striatal Enriched Protein Tyrosine Phosphatase. <i>Journal of Neuroscience</i> , 2007, 27, 2999-3009.	3.6	75
10	Reduced levels of the tyrosine phosphatase STEP block beta amyloid-mediated GluA1/GluA2 receptor internalization. <i>Journal of Neurochemistry</i> , 2011, 119, 664-672.	3.9	49
11	Striatal-enriched protein tyrosine phosphatase regulates the PTP β /Fyn signaling pathway. <i>Journal of Neurochemistry</i> , 2015, 134, 629-641.	3.9	34
12	Inhibition of the tyrosine phosphatase STEP61 restores BDNF expression and reverses motor and cognitive deficits in phencyclidine-treated mice. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1503-1514.	5.4	30
13	The role of STEP in Alzheimer's disease. <i>Channels</i> , 2010, 4, 347-350.	2.8	27
14	BDNF Induces Striatal-Enriched Protein Tyrosine Phosphatase 61 Degradation Through the Proteasome. <i>Molecular Neurobiology</i> , 2016, 53, 4261-4273.	4.0	22
15	Major Vault Protein is Expressed along the Nucleus-Neurite Axis and Associates with mRNAs in Cortical Neurons. <i>Cerebral Cortex</i> , 2009, 19, 1666-1677.	2.9	21
16	Striatal-Enriched Protein Tyrosine Phosphatase in Alzheimer's Disease. <i>Advances in Pharmacology</i> , 2012, 64, 303-325.	2.0	20
17	Glutathione-Responsive Selenosulfide Prodrugs as a Platform Strategy for Potent and Selective Mechanism-Based Inhibition of Protein Tyrosine Phosphatases. <i>ACS Central Science</i> , 2017, 3, 1322-1328.	11.3	18
18	A STEP forward in neural function and degeneration. <i>Communicative and Integrative Biology</i> , 2010, 3, 419-422.	1.4	16

#	ARTICLE	IF	CITATIONS
19	Molecular underpinnings of neurodegenerative disorders: striatal-enriched protein tyrosine phosphatase signaling and synaptic plasticity. F1000Research, 2016, 5, 2932.	1.6	15
20	Downregulation of BDNF in cell and animal models increases striatal-enriched protein tyrosine phosphatase 61 (STEP₆₁) levels. Journal of Neurochemistry, 2016, 136, 285-294.	3.9	14
21	Synaptic NMDA Receptor Activation Induces Ubiquitination and Degradation of STEP61. Molecular Neurobiology, 2018, 55, 3096-3111.	4.0	12
22	STEP inhibition prevents A β -mediated damage in dendritic complexity and spine density in Alzheimer's disease. Experimental Brain Research, 2021, 239, 881-890.	1.5	10
23	Striatal-Enriched Protein-Tyrosine Phosphatase (STEP). , 2016, , 1-16.		0
24	Striatal-Enriched Protein-Tyrosine Phosphatase (STEP). , 2018, , 5188-5203.		0