

James D Foster

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,519
citations

471509

17
h-index

610901

24
g-index

25
all docs

25
docs citations

25
times ranked

1675
citing authors

#	ARTICLE	IF	CITATIONS
1	Sodium hydrogen exchanger (NHE1) palmitoylation and potential functional regulation. <i>Life Sciences</i> , 2022, 288, 120142.	4.3	2
2	A network of phosphatidylinositol (4,5)-bisphosphate (PIP2) binding sites on the dopamine transporter regulates amphetamine behavior in <i>Drosophila Melanogaster</i> . <i>Molecular Psychiatry</i> , 2021, 26, 4417-4430.	7.9	26
3	Palmitoylation by Multiple DHHC Enzymes Enhances Dopamine Transporter Function and Stability. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2707-2717.	3.5	16
4	Model systems for analysis of dopamine transporter function and regulation. <i>Neurochemistry International</i> , 2019, 123, 13-21.	3.8	20
5	Dephosphorylation of human dopamine transporter at threonine 48 by protein phosphatase PP1/2A up-regulates transport velocity. <i>Journal of Biological Chemistry</i> , 2019, 294, 3419-3431.	3.4	11
6	MPP+ decreases store-operated calcium entry and TRPC1 expression in Mesenchymal Stem Cell derived dopaminergic neurons. <i>Scientific Reports</i> , 2018, 8, 11715.	3.3	13
7	Subcellular Distribution of the Dopamine Transporter Phosphorylated on Threonine 53. <i>FASEB Journal</i> , 2018, 32, 1b196.	0.5	0
8	Palmitoylation mechanisms in dopamine transporter regulation. <i>Journal of Chemical Neuroanatomy</i> , 2017, 83-84, 3-9.	2.1	33
9	Dopamine transporter phosphorylation site threonine 53 is stimulated by amphetamines and regulates dopamine transport, efflux, and cocaine analog binding. <i>Journal of Biological Chemistry</i> , 2017, 292, 19066-19075.	3.4	24
10	Inhibitor mechanisms in the S1 binding site of the dopamine transporter defined by multi-site molecular tethering of photoactive cocaine analogs. <i>Biochemical Pharmacology</i> , 2017, 142, 204-215.	4.4	4
11	Phosphorylation mechanisms in dopamine transporter regulation. <i>Journal of Chemical Neuroanatomy</i> , 2017, 83-84, 10-18.	2.1	56
12	Reciprocal Phosphorylation and Palmitoylation Control Dopamine Transporter Kinetics. <i>Journal of Biological Chemistry</i> , 2015, 290, 29095-29105.	3.4	46
13	Antagonist-induced conformational changes in dopamine transporter extracellular loop two involve residues in a potential salt bridge. <i>Neurochemistry International</i> , 2014, 73, 16-26.	3.8	7
14	Computational and Biochemical Docking of the Irreversible Cocaine Analog RTI 82 Directly Demonstrates Ligand Positioning in the Dopamine Transporter Central Substrate-binding Site. <i>Journal of Biological Chemistry</i> , 2014, 289, 29712-29727.	3.4	24
15	Mechanisms of dopamine transporter regulation in normal and disease states. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 489-496.	8.7	323
16	SLC6 transporters: Structure, function, regulation, disease association and therapeutics. <i>Molecular Aspects of Medicine</i> , 2013, 34, 197-219.	6.4	232
17	Phosphorylation of Dopamine Transporter Serine 7 Modulates Cocaine Analog Binding. <i>Journal of Biological Chemistry</i> , 2013, 288, 20-32.	3.4	47
18	Dopamine Transporter Phosphorylation Site Threonine 53 Regulates Substrate Reuptake and Amphetamine-stimulated Efflux. <i>Journal of Biological Chemistry</i> , 2012, 287, 29702-29712.	3.4	79

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19	Palmitoylation Controls Dopamine Transporter Kinetics, Degradation, and Protein Kinase C-dependent Regulation. <i>Journal of Biological Chemistry</i> , 2011, 286, 5175-5186.	3.4	63
20	Proline-Directed Phosphorylation of the Dopamine Transporter N-Terminal Domain. <i>Biochemistry</i> , 2009, 48, 1067-1076.	2.5	49
21	Phorbol ester induced trafficking-independent regulation and enhanced phosphorylation of the dopamine transporter associated with membrane rafts and cholesterol. <i>Journal of Neurochemistry</i> , 2008, 105, 1683-1699.	3.9	115
22	Psychoactive Substrates Stimulate Dopamine Transporter Phosphorylation and Down-regulation by Cocaine-sensitive and Protein Kinase C-dependent Mechanisms. <i>Journal of Biological Chemistry</i> , 2005, 280, 40442-40449.	3.4	113
23	Dopamine transporters are dephosphorylated in striatal homogenates and in vitro by protein phosphatase 1. <i>Molecular Brain Research</i> , 2003, 110, 100-108.	2.3	36
24	Dopamine Transporters Are Phosphorylated on N-terminal Serines in Rat Striatum. <i>Journal of Biological Chemistry</i> , 2002, 277, 25178-25186.	3.4	130
25	The Biochemistry and Molecular Biology of the Glucose-6-Phosphatase System ¹ . <i>Experimental Biology and Medicine</i> , 2002, 227, 601-608.	2.4	50