

James D Foster

List of Publications by Year in descending order

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25
papers

1,519
citations

471061

17
h-index

610482

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.	2.0	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.	4.1	26
3	Palmitoylation by Multiple DHHC Enzymes Enhances Dopamine Transporter Function and Stability. <i>ACS Chemical Neuroscience</i> , 2019, 10, 2707-2717.	1.7	16
4	Model systems for analysis of dopamine transporter function and regulation. <i>Neurochemistry International</i> , 2019, 123, 13-21.	1.9	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.	1.6	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.	1.6	13
7	Subcellular Distribution of the Dopamine Transporter Phosphorylated on Threonine 53. <i>FASEB Journal</i> , 2018, 32, 1b196.	0.2	0
8	Palmitoylation mechanisms in dopamine transporter regulation. <i>Journal of Chemical Neuroanatomy</i> , 2017, 83-84, 3-9.	1.0	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.	1.6	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.	2.0	4
11	Phosphorylation mechanisms in dopamine transporter regulation. <i>Journal of Chemical Neuroanatomy</i> , 2017, 83-84, 10-18.	1.0	56
12	Reciprocal Phosphorylation and Palmitoylation Control Dopamine Transporter Kinetics. <i>Journal of Biological Chemistry</i> , 2015, 290, 29095-29105.	1.6	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.	1.9	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.	1.6	24
15	Mechanisms of dopamine transporter regulation in normal and disease states. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 489-496.	4.0	323
16	SLC6 transporters: Structure, function, regulation, disease association and therapeutics. <i>Molecular Aspects of Medicine</i> , 2013, 34, 197-219.	2.7	232
17	Phosphorylation of Dopamine Transporter Serine 7 Modulates Cocaine Analog Binding. <i>Journal of Biological Chemistry</i> , 2013, 288, 20-32.	1.6	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.	1.6	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.	1.6	63
20	Proline-Directed Phosphorylation of the Dopamine Transporter N-Terminal Domain. <i>Biochemistry</i> , 2009, 48, 1067-1076.	1.2	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.	2.1	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.	1.6	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.	2.5	36
24	Dopamine Transporters Are Phosphorylated on N-terminal Serines in Rat Striatum. <i>Journal of Biological Chemistry</i> , 2002, 277, 25178-25186.	1.6	130
25	The Biochemistry and Molecular Biology of the Glucose-6-Phosphatase System ¹ . <i>Experimental Biology and Medicine</i> , 2002, 227, 601-608.	1.1	50