

Lynette C Daws

List of Publications by Year in descending order

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93
papers

3,621
citations

147801

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#	ARTICLE	IF	CITATIONS
1	Ethanol Inhibits Dopamine Uptake and Augments Rewarding Effects of Cocaine via Organic Cation Transporter 3. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
2	Expression of Key Modulators of Serotonergic Neurotransmission after Chronic Metformin Treatment. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
3	High Salt Intake Increases Contextual Fear Retrieval and Synaptic Inhibition of Medial Entorhinal Cortex-Projecting Neurons of the Basolateral Amygdala. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
4	Hypertension and Fear-Related Neuropsychiatric Disorder Co-Morbidity: Is Body Fluid Hyperosmolality a Required Link?. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
5	Role of Organic Cation Transporter 3 in the Locomotor Sensitizing Effects and Rewarding Properties of Amphetamine in Male and Female Mice. <i>FASEB Journal</i> , 2021, 35, .	0.5	2
6	The Interaction of Organic Cation Transporters 1-3 and PMAT with Psychoactive Substances. <i>Handbook of Experimental Pharmacology</i> , 2021, 266, 199-214.	1.8	13
7	Organic Cation Transporters in Psychiatric Disorders. <i>Handbook of Experimental Pharmacology</i> , 2021, 266, 215-239.	1.8	9
8	Neurotransmitter Transporters and Their Role in the Pharmacological Actions of Therapeutic and Abused Drugs. , 2021, , .		0
9	Role of Organic Cation Transporter 3 and Plasma Membrane Monoamine Transporter in the Rewarding Properties and Locomotor Sensitizing Effects of Amphetamine in Male and Female Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13420.	4.1	11
10	Histamine Receptors Regulate the Activity, Surface Expression, and Phosphorylation of Serotonin Transporters. <i>ACS Chemical Neuroscience</i> , 2020, 11, 466-476.	3.5	13
11	Serotonin Transporter and Plasma Membrane Monoamine Transporter Are Necessary for the Antidepressant-Like Effects of Ketamine in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7581.	4.1	23
12	Effect of concurrent organic cation transporter blockade on norepinephrine clearance inhibiting- and antidepressant-like actions of desipramine and venlafaxine. <i>European Journal of Pharmacology</i> , 2020, 883, 173285.	3.5	8
13	Glucagon-like peptide-1 receptor regulation of basal dopamine transporter activity is species-dependent. <i>Neurochemistry International</i> , 2020, 138, 104772.	3.8	11
14	Extreme enhancement or depletion of serotonin transporter function and serotonin availability in autism spectrum disorder. <i>Pharmacological Research</i> , 2019, 140, 85-99.	7.1	60
15	Targeting Serotonin Transporters in the Treatment of Juvenile and Adolescent Depression. <i>Frontiers in Neuroscience</i> , 2019, 13, 156.	2.8	22
16	Age- and Sex-Specific Plasticity in Dopamine Transporter Function Revealed by Food Restriction and Exercise in a Rat Activity-Based Anorexia Paradigm. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 371, 268-277.	2.5	7
17	High Salt Intake Lowers Behavioral Inhibition. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 271.	2.0	13
18	Neuroinflammation Contributes to High Salt Intake-Augmented Neuronal Activation and Active Coping Responses to Acute Stress. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 137-142.	2.1	11

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19	Prenatal metformin exposure or organic cation transporter 3 knock-out curbs social interaction preference in male mice. <i>Pharmacological Research</i> , 2019, 140, 21-32.	7.1	14
20	Comparative analysis of novel decynium-22 analogs to inhibit transport by the low-affinity, high-capacity monoamine transporters, organic cation transporters 2 and 3, and plasma membrane monoamine transporter. <i>European Journal of Pharmacology</i> , 2019, 842, 351-364.	3.5	30
21	“Polytox” synthetic cathinone abuse: A potential role for organic cation transporter 3 in combined cathinone-induced efflux. <i>Neurochemistry International</i> , 2019, 123, 7-12.	3.8	16
22	Investigating the Role of Serotonin Transporter, Plasma Membrane Monoamine Transporter, and Organic Cation Transporter 3 in the Antidepressant-Like Effects of Ketamine. <i>FASEB Journal</i> , 2019, 33, 807.6.	0.5	0
23	Effects of the antidepressants desipramine and fluvoxamine on latency to immobility and duration of immobility in the forced swim test in adult male C57BL/6J mice. <i>Behavioural Pharmacology</i> , 2018, 29, 453-456.	1.7	9
24	An unsuspected role for organic cation transporter 3 in the actions of amphetamine. <i>Neuropsychopharmacology</i> , 2018, 43, 2408-2417.	5.4	42
25	Biphasic effects of selective serotonin reuptake inhibitors on anxiety: rapid reversal of escitalopram’s anxiogenic effects in the novelty-induced hypophagia test in mice?. <i>Behavioural Pharmacology</i> , 2018, 29, 365-369.	1.7	2
26	Constitutive plasma membrane monoamine transporter (PMAT, <i>Slc29a4</i>) deficiency subtly affects anxiety-like and coping behaviours. <i>European Journal of Neuroscience</i> , 2018, 48, 1706-1716.	2.6	20
27	PICK1-Deficient Mice Exhibit Impaired Response to Cocaine and Dysregulated Dopamine Homeostasis. <i>ENeuro</i> , 2018, 5, ENEURO.0422-17.2018.	1.9	14
28	An Unsuspected Role for Organic Cation Transporter 3 in the Actions of Amphetamine. <i>FASEB Journal</i> , 2018, 32, 820.8.	0.5	0
29	High Salt Intake Enhances Stress Coping Behaviors: Role for Vasopressin Signaling from PVN to Amygdala. <i>FASEB Journal</i> , 2018, 32, 890.4.	0.5	0
30	Dopaminergic Perturbations from Food Restriction and Exercise are Sex-Dependently Amplified During Adolescence. <i>FASEB Journal</i> , 2018, 32, 682.6.	0.5	0
31	Investigating Organic Cation Transporter 3 (OCT3) and Plasma Membrane Monoamine Transporter (PMAT) as Targets for Development of New Antidepressant Treatments for Juveniles and Adolescents. <i>FASEB Journal</i> , 2018, 32, 680.3.	0.5	0
32	Evaluation of the antidepressant therapeutic potential of isocyanine and pseudoisocyanine analogues of the organic cation decynium-22. <i>European Journal of Medicinal Chemistry</i> , 2017, 137, 476-487.	5.5	11
33	Ca ²⁺ dependent surface trafficking of norepinephrine transporters depends on threonine 30 and Ca ²⁺ calmodulin kinases. <i>Journal of Chemical Neuroanatomy</i> , 2017, 83-84, 19-35.	2.1	4
34	Ontogeny of Norepinephrine Transporter Expression and Antidepressant-Like Response to Desipramine in Wild-Type and Serotonin Transporter Mutant Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 360, 84-94.	2.5	5
35	The sigma-1 receptor modulates methamphetamine dysregulation of dopamine neurotransmission. <i>Nature Communications</i> , 2017, 8, 2228.	12.8	92
36	Ontogeny of SERT Expression and Antidepressant-like Response to Escitalopram in Wild-Type and SERT Mutant Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 271-281.	2.5	20

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37	Using High-Speed Chronoamperometry to Measure Biogenic Amine Release and Uptake In Vivo. <i>Neuromethods</i> , 2016, , 53-81.	0.3	6
38	Antidepressant-like effects and basal immobility depend on age and serotonin transporter genotype. <i>Genes, Brain and Behavior</i> , 2015, 14, 543-549.	2.2	12
39	Eating High Fat Chow Decreases Dopamine Clearance in Adolescent and Adult Male Rats but Selectively Enhances the Locomotor Stimulating Effects of Cocaine in Adolescents. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyv024-pyv024.	2.1	37
40	Acute dietary tryptophan manipulation differentially alters social behavior, brain serotonin and plasma corticosterone in three inbred mouse strains. <i>Neuropharmacology</i> , 2015, 90, 1-8.	4.1	50
41	Mechanisms Contributing to Lack of Antidepressant Efficacy in Juveniles and Adolescents. <i>FASEB Journal</i> , 2015, 29, 932.3.	0.5	0
42	Differential Activity of Decynium-22 Analogs: Novel Targets for Probing Low-Affinity/High-Capacity Biogenic Amine Transporters. <i>FASEB Journal</i> , 2015, 29, .	0.5	0
43	Ethanol effects on multiple fixed-interval, fixed-ratio responding in mice with deletions of the serotonin transporter gene. <i>Behavioural Pharmacology</i> , 2014, 25, 92-95.	1.7	2
44	5-HT1B receptor modulation of the serotonin transporter in vivo: Studies using KO mice. <i>Neurochemistry International</i> , 2014, 73, 127-131.	3.8	29
45	Catecholamine/Serotonin Interactions. <i>Advances in Pharmacology</i> , 2013, 68, 167-197.	2.0	59
46	Membrane-permeable C-terminal Dopamine Transporter Peptides Attenuate Amphetamine-evoked Dopamine Release*. <i>Journal of Biological Chemistry</i> , 2013, 288, 27534-27544.	3.4	27
47	Revisiting Serotonin Reuptake Inhibitors and the Therapeutic Potential of Uptake-2 in Psychiatric Disorders. <i>ACS Chemical Neuroscience</i> , 2013, 4, 16-21.	3.5	51
48	What's Old is New. <i>ACS Chemical Neuroscience</i> , 2013, 4, 1-2.	3.5	0
49	Decynium-22 Enhances SSRI-Induced Antidepressant-Like Effects in Mice: Uncovering Novel Targets to Treat Depression. <i>Journal of Neuroscience</i> , 2013, 33, 10534-10543.	3.6	83
50	Antidepressant-like drug effects in juvenile and adolescent mice in the tail suspension test: Relationship with hippocampal serotonin and norepinephrine transporter expression and function. <i>Frontiers in Pharmacology</i> , 2013, 4, 131.	3.5	21
51	Inhibition of Dopamine Transporter Activity by G Protein $\beta\gamma$ Subunits. <i>PLoS ONE</i> , 2013, 8, e59788.	2.5	31
52	Electrochemical Techniques and Advances in Psychopharmacology. , 2013, , 1-6.		0
53	Unraveling mechanisms contributing to lack of antidepressant efficacy in juveniles and adolescents. <i>FASEB Journal</i> , 2013, 27, 1099.1.	0.5	0
54	Uncovering interactions between organic cation transporters and monamine systems: implications for novel antidepressant therapies. <i>FASEB Journal</i> , 2013, 27, 1100.1.	0.5	0

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55	Rescue of Dopamine Transporter Function in Hypoinsulinemic Rats by a D2 Receptor-ERK-Dependent Mechanism. <i>Journal of Neuroscience</i> , 2012, 32, 2637-2647.	3.6	41
56	Autism gene variant causes hyperserotonemia, serotonin receptor hypersensitivity, social impairment and repetitive behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5469-5474.	7.1	278
57	Decyniumâ€22 enhances SSRÎ€induced antidepressant effects in mice: Uncovering new targets to treat depression. <i>FASEB Journal</i> , 2012, 26, 844.2.	0.5	0
58	Insulin signaling and addiction. <i>Neuropharmacology</i> , 2011, 61, 1123-1128.	4.1	74
59	Density and function of central serotonin (5-HT) transporters, 5-HT1A and 5-HT2A receptors, and effects of their targeting on BTBR T+tf/J mouse social behavior. <i>Journal of Neurochemistry</i> , 2011, 116, 291-303.	3.9	117
60	Ontogeny and regulation of the serotonin transporter: Providing insights into human disorders. , 2011, 131, 61-79.		94
61	Transgenic elimination of high-affinity antidepressant and cocaine sensitivity in the presynaptic serotonin transporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3785-3790.	7.1	56
62	Repeated Swim Impairs Serotonin Clearance via a Corticosterone-Sensitive Mechanism: Organic Cation Transporter 3, the Smoking Gun. <i>Journal of Neuroscience</i> , 2010, 30, 15185-15195.	3.6	67
63	Insulin Reveals Akt Signaling as a Novel Regulator of Norepinephrine Transporter Trafficking and Norepinephrine Homeostasis. <i>Journal of Neuroscience</i> , 2010, 30, 11305-11316.	3.6	71
64	Interleukin-1 Receptor Activation by Systemic Lipopolysaccharide Induces Behavioral Despair Linked to MAPK Regulation of CNS Serotonin Transporters. <i>Neuropsychopharmacology</i> , 2010, 35, 2510-2520.	5.4	256
65	Reduced effectiveness of escitalopram in the forced swimming test is associated with increased serotonin clearance rate in food-restricted rats. <i>International Journal of Neuropsychopharmacology</i> , 2009, 12, 731.	2.1	16
66	Unfaithful neurotransmitter transporters: Focus on serotonin uptake and implications for antidepressant efficacy. , 2009, 121, 89-99.		202
67	Insulin regulation of dopamine transporter activity.. <i>FASEB Journal</i> , 2009, 23, .	0.5	1
68	Organic cation transporter 3: Keeping the brake on extracellular serotonin in serotonin-transporter-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18976-18981.	7.1	148
69	Effects of food restriction on dopamine clearance and on behavioral effects of dopaminergic drugs in rats. <i>FASEB Journal</i> , 2008, 22, 904.7.	0.5	0
70	Hypoinsulinemia Regulates Amphetamine-Induced Reverse Transport of Dopamine. <i>PLoS Biology</i> , 2007, 5, e274.	5.6	117
71	Rapid Stimulation of Presynaptic Serotonin Transport by A3 Adenosine Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 322, 332-340.	2.5	57
72	In vivo analysis of serotonin clearance in rat hippocampus reveals that repeated administration of p-methoxyamphetamine (PMA), but not 3,4-methylenedioxymethamphetamine (MDMA), leads to long-lasting deficits in serotonin transporter function. <i>Journal of Neurochemistry</i> , 2007, 100, 617-627.	3.9	15

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73	CB ₁ -independent inhibition of dopamine transporter activity by cannabinoids in mouse dorsal striatum. <i>Journal of Neurochemistry</i> , 2007, 101, 389-396.	3.9	41
74	Calmodulin Kinase II Interacts with the Dopamine Transporter C Terminus to Regulate Amphetamine-Induced Reverse Transport. <i>Neuron</i> , 2006, 51, 417-429.	8.1	197
75	Evidence for D2 receptor mediation of amphetamine-induced normalization of locomotion and dopamine transporter function in hypoinsulinemic rats. <i>Journal of Neurochemistry</i> , 2006, 101, 151-159.	3.9	22
76	Ethanol-Related Behaviors in Serotonin Transporter Knockout Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2006, 30, 1957-1965.	2.4	75
77	Repeated administration of the substituted amphetamine p-methoxyamphetamine produces reductions in cortical 5-HT transporter binding but not 5-HT content, unlike 3,4-methylenedioxymethamphetamine. <i>European Journal of Pharmacology</i> , 2006, 546, 74-81.	3.5	6
78	Ethanol Inhibits Clearance of Brain Serotonin by a Serotonin Transporter-Independent Mechanism. <i>Journal of Neuroscience</i> , 2006, 26, 6431-6438.	3.6	77
79	Transport mechanisms governing serotonin clearance in vivo revealed by high-speed chronoamperometry. <i>Journal of Neuroscience Methods</i> , 2005, 143, 49-62.	2.5	77
80	Deficits in dopamine clearance and locomotion in hypoinsulinemic rats unmask novel modulation of dopamine transporters by amphetamine. <i>Journal of Neurochemistry</i> , 2005, 94, 1402-1410.	3.9	76
81	Differences in the in vivo dynamics of neurotransmitter release and serotonin uptake after acute para-methoxyamphetamine and 3,4-methylenedioxymethamphetamine revealed by chronoamperometry. <i>Neurochemistry International</i> , 2005, 47, 350-361.	3.8	33
82	Exaggerated effect of fluvoxamine in heterozygote serotonin transporter knockout mice. <i>Journal of Neurochemistry</i> , 2004, 86, 210-219.	3.9	96
83	Serotonin (5-HT) transporter (SERT) function after graded destruction of serotonergic neurons. <i>Journal of Neurochemistry</i> , 2004, 87, 861-867.	3.9	26
84	Calcium-Dependent Inhibition of Synaptosomal Serotonin Transport by the α_2 -Adrenoceptor Agonist 5-Bromo-N-[4,5-dihydro-1H-imidazol-2-yl]-6-quinoxalinamine (UK14304). <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 305, 956-965.	2.5	40
85	New Developments in the Regulation of Monoaminergic Neurotransmission. , 2003, , 25-42.		0
86	Cocaine Increases Dopamine Uptake and Cell Surface Expression of Dopamine Transporters. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 1545-1550.	2.1	156
87	Differential in vivo clearance of serotonin in rat dorsal raphe nucleus and CA3 region. <i>Brain Research</i> , 2002, 955, 236-244.	2.2	20
88	5-HT _{1B} Receptor-Mediated Regulation of Serotonin Clearance in Rat Hippocampus In Vivo. <i>Journal of Neurochemistry</i> , 2002, 75, 2113-2122.	3.9	71
89	Differential behavioural and neurochemical effects of para-methoxyamphetamine and 3,4-methylenedioxymethamphetamine in the rat. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2000, 24, 955-977.	4.8	47
90	New views of biogenic amine transporter function: implications for neuropsychopharmacology. <i>International Journal of Neuropsychopharmacology</i> , 1999, 2, 305-320.	2.1	23

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91	Regulation of opioid receptors by opioid antagonists: implications for rapid opioid detoxification. <i>Addiction Biology</i> , 1999, 4, 391-397.	2.6	5
92	5-HT1B antagonists modulate clearance of extracellular serotonin in rat hippocampus. <i>Neuroscience Letters</i> , 1999, 266, 165-168.	2.1	33
93	High Affinity Decynium-22 Binding to Brain Membrane Homogenates and Reduced Dorsal Camouflaging after Acute Exposure to it in Zebrafish. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	0