Randy D Blakely

List of Publications by Year
in descending order

171 papers	15,491 citations	19657 61 h-index	18647 119 g-index
174 all docs	174 docs citations	174 times ranked	11918 citing authors

#	Article	IF	Citations
1	Serotonin Transporter Ala276 Mouse: Novel Model to Assess the Neurochemical and Behavioral Impact of Thr276 Phosphorylation In Vivo. Neurochemical Research, 2022, 47, 37-60.	3.3	3
2	Disrupted Choline Clearance and Sustained Acetylcholine ReleaseIn Vivoby a Common Choline Transporter Coding Variant Associated with Poor Attentional Control in Humans. Journal of Neuroscience, 2022, 42, 3426-3444.	3.6	5
3	Allosteric Modulator KM822 Attenuates Behavioral Actions of Amphetamine in Caenorhabditis elegans through Interactions with the Dopamine Transporter DAT-1. Molecular Pharmacology, 2022, 101, 123-131.	2.3	4
4	There's no place like home? Return to the home cage triggers dopamine release in the mouse nucleus accumbens. Neurochemistry International, 2021, 142, 104894.	3.8	4
5	Serotonin 5-HT1B receptor-mediated behavior and binding in mice with the overactive and dysregulated serotonin transporter Ala56 variant. Psychopharmacology, 2021, 238, 1111-1120.	3.1	7
6	GÎ±o is a major determinant of cAMP signaling in the pathophysiology of movement disorders. Cell Reports, 2021, 34, 108718.	6.4	48
7	Inflammation-Induced Histamine Impairs the Capacity of Escitalopram to Increase Hippocampal Extracellular Serotonin. Journal of Neuroscience, 2021, 41, 6564-6577.	3.6	26
8	Rare Opportunities for Insights Into Serotonergic Contributions to Brain and Bowel Disorders: Studies of the SERT Ala56 Mouse. Frontiers in Cellular Neuroscience, 2021, 15, 677563.	3.7	4
9	Regulation of autism-relevant behaviors by cerebellarâ€“prefrontal cortical circuits. Nature Neuroscience, 2020, 23, 1102-1110.	14.8	149
10	Ex vivo Quantitative Proteomic Analysis of Serotonin Transporter Interactome: Network Impact of the SERT Ala56 Coding Variant. Frontiers in Molecular Neuroscience, 2020, 13, 89.	2.9	16
11	Neurobehavioral changes arising from early life dopamine signaling perturbations. Neurochemistry International, 2020, 137, 104747.	3.8	21
12	A social encounter drives gene expression changes linked to neuronal function, brain development, and related disorders in mice expressing the serotonin transporter Ala56 variant. Neuroscience Letters, 2020, 730, 135027.	2.1	7
13	Adrenal serotonin derives from accumulation by the antidepressant-sensitive serotonin transporter. Pharmacological Research, 2019, 140, 56-66.	7.1	7
14	Blockade and reversal of swimming-induced paralysis in C. elegans by the antipsychotic and D2-type dopamine receptor antagonist azaperone. Neurochemistry International, 2019, 123, 59-68.	3.8	18
15	Cell-Type-Specific Interleukin 1 Receptor 1 Signaling in the Brain Regulates Distinct Neuroimmune Activities. Immunity, 2019, 50, 317-333.e6.	14.3	116
16	Human Serotonin Transporter Coding Variation Establishes Conformational Bias with Functional Consequences. ACS Chemical Neuroscience, 2019, 10, 3249-3260.	3.5	17
17	Dopamine-dependent, swimming-induced paralysis arises as a consequence of loss of function mutations in the RUNX transcription factor RNT-1. PLoS ONE, 2019, 14, e0216417.	2.5	6
18	The SERT Met172 Mouse: An Engineered Model To Elucidate the Contributions of Serotonin Signaling to Cocaine Action. ACS Chemical Neuroscience, 2019, 10, 3053-3060.	3.5	8

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19	Single Quantum Dot Imaging Reveals PKCÎ²-Dependent Alterations in Membrane Diffusion and Clustering of an Attention-Deficit Hyperactivity Disorder/Autism/Bipolar Disorder-Associated Dopamine Transporter Variant. ACS Chemical Neuroscience, 2019, 10, 460-471.	3.5	26
20	Serotonin transporter inhibition and 5-HT2C receptor activation drive loss of cocaine-induced locomotor activation in DAT Val559 mice. Neuropsychopharmacology, 2019, 44, 994-1006.	5.4	13
21	Interrogating the Spatiotemporal Landscape of Neuromodulatory GPCR Signaling by Real-Time Imaging of cAMP in Intact Neurons and Circuits. Cell Reports, 2018, 22, 255-268.	6.4	53
22	Functional coding variation in the presynaptic dopamine transporter associated with neuropsychiatric disorders drives enhanced motivation and context-dependent impulsivity in mice. Behavioural Brain Research, 2018, 337, 61-69.	2.2	25
23	p38Î± MAPK signaling drives pharmacologically reversible brain and gastrointestinal phenotypes in the SERT Ala56 mouse. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10245-E10254.	7.1	35
24	Global untargeted serum metabolomic analyses nominate metabolic pathways responsive to loss of expression of the orphan metallo Î²-lactamase, MBLAC1. Molecular Omics, 2018, 14, 142-155.	2.8	11
25	Analysis of neuroanatomical differences in mice with genetically modified serotonin transporters assessed by structural magnetic resonance imaging. Molecular Autism, 2018, 9, 24.	4.9	14
26	Region-Specific Regulation of Presynaptic Dopamine Homeostasis by D₂ Autoreceptors Shapes the In Vivo Impact of the Neuropsychiatric Disease-Associated DAT Variant Val559. Journal of Neuroscience, 2018, 38, 5302-5312.	3.6	34
27	Pancreatic deletion of the interleukin-1 receptor disrupts whole body glucose homeostasis and promotes islet Î²-cell de-differentiation. Molecular Metabolism, 2018, 14, 95-107.	6.5	45
28	Glial loss of the metallo Î²-lactamase domain containing protein, SWIP-10, induces age- and glutamate-signaling dependent, dopamine neuron degeneration. PLoS Genetics, 2018, 14, e1007269.	3.5	17
29	Sequence determinants of the Caenhorhabditis elegans dopamine transporter dictating in vivo axonal export and synaptic localization. Molecular and Cellular Neurosciences, 2017, 78, 41-51.	2.2	11
30	Unresponsive Choline Transporter as a Trait Neuromarker and a Causal Mediator of Bottom-Up Attentional Biases. Journal of Neuroscience, 2017, 37, 2947-2959.	3.6	34
31	Serotonin Transporter-Independent Actions of the Antidepressant Vortioxetine As Revealed Using the SERT Met172 Mouse. ACS Chemical Neuroscience, 2017, 8, 1092-1100.	3.5	12
32	Serotonin and Serotonin Transporters in the Adrenal Medulla: A Potential Hub for Modulation of the Sympathetic Stress Response. ACS Chemical Neuroscience, 2017, 8, 943-954.	3.5	39
33	Blockade of the 5â€HT transporter contributes to the behavioural, neuronal and molecular effects of cocaine. British Journal of Pharmacology, 2017, 174, 2716-2738.	5.4	28
34	Immune System Activation and Depression: Roles of Serotonin in the Central Nervous System and Periphery. ACS Chemical Neuroscience, 2017, 8, 932-942.	3.5	75
35	The Atypical MAP Kinase SWIP-13/ERK8 Regulates Dopamine Transporters through a Rho-Dependent Mechanism. Journal of Neuroscience, 2017, 37, 9288-9304.	3.6	19
36	Spatial gene expression analysis of neuroanatomical differences in mouse models. NeuroImage, 2017, 163, 220-230.	4.2	18

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37	Length of axons expressing the serotonin transporter in orbitofrontal cortex is lower with age in depression. Neuroscience, 2017, 359, 30-39.	2.3	21
38	Hemicholinium-3 sensitive choline transport in human T lymphocytes: Evidence for use as a proxy for brain choline transporter (CHT) capacity. Neurochemistry International, 2017, 108, 410-416.	3.8	2
39	Metallo-Î²-lactamase Domain-Containing Protein 1 (MBLAC1) Is a Specific, High-Affinity Target for the Glutamate Transporter Inducer Ceftriaxone. ACS Chemical Neuroscience, 2017, 8, 2132-2138.	3.5	12
40	Impact of Maternal Serotonin Transporter Genotype on Placental Serotonin, Fetal Forebrain Serotonin, and Neurodevelopment. Neuropsychopharmacology, 2017, 42, 427-436.	5.4	53
41	Is dopamine transporter-mediated dopaminergic signaling in the retina a noninvasive biomarker for attention-deficit/ hyperactivity disorder? A study in a novel dopamine transporter variant Val559 transgenic mouse model. Journal of Neurodevelopmental Disorders, 2017, 9, 38.	3.1	8
42	Choline transporter mutations in severe congenital myasthenic syndrome disrupt transporter localization. Brain, 2017, 140, 2838-2850.	7.6	24
43	Differential impact of genetically modulated choline transporter expression on the release of endogenous versus newly synthesized acetylcholine. Neurochemistry International, 2016, 98, 138-145.	3.8	10
44	Kinase-dependent Regulation of Monoamine Neurotransmitter Transporters. Pharmacological Reviews, 2016, 68, 888-953.	16.0	83
45	Optimization of the choline transporter (CHT) inhibitor ML352: Development of VU6001221, an improved in vivo tool compound. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4637-4640.	2.2	3
46	An interplay between the serotonin transporter (SERT) and 5-HT receptors controls stimulus-secretion coupling in sympathoadrenal chromaffin cells. Neuropharmacology, 2016, 110, 438-448.	4.1	20
47	Cholinergic genetics of visual attention: Human and mouse choline transporter capacity variants influence distractibility. Journal of Physiology (Paris), 2016, 110, 10-18.	2.1	42
48	Acute blockade of the Caenorhabditis elegans dopamine transporter DAT-1 by the mammalian norepinephrine transporter inhibitor nisoxetine reveals the influence of genetic modifications of dopamine signaling inÂvivo. Neurochemistry International, 2016, 98, 122-128.	3.8	7
49	Essential Contributions of Serotonin Transporter Inhibition to the Acute and Chronic Actions of Fluoxetine and Citalopram in the SERT Met172 Mouse. Neuropsychopharmacology, 2016, 41, 1733-1741.	5.4	27
50	Serotonin transporter variant drives preventable gastrointestinal abnormalities in development and function. Journal of Clinical Investigation, 2016, 126, 2221-2235.	8.2	112
51	Generation and Characterization of Mice Expressing a Conditional Allele of the Interleukin-1 Receptor Type 1. PLoS ONE, 2016, 11, e0150068.	2.5	31
52	Identification and Characterization of ML352: A Novel, Noncompetitive Inhibitor of the Presynaptic Choline Transporter. ACS Chemical Neuroscience, 2015, 6, 417-427.	3.5	21
53	Cholinergic capacity mediates prefrontal engagement during challenges to attention: evidence from imaging genetics. NeuroImage, 2015, 108, 386-395.	4.2	44
54	Disruption of Transient Serotonin Accumulation by Non-Serotonin-Producing Neurons Impairs Cortical Map Development. Cell Reports, 2015, 10, 346-358.	6.4	49

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55	Synthesis and structureâ€“activity relationships of a series of 4-methoxy-3-(piperidin-4-yl)oxy benzamides as novel inhibitors of the presynaptic choline transporter. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1757-1760.	2.2	4
56	Glial Expression of the Caenorhabditis elegans Gene swip-10 Supports Glutamate Dependent Control of Extrasynaptic Dopamine Signaling. Journal of Neuroscience, 2015, 35, 9409-9423.	3.6	39
57	Single-Quantum-Dot Tracking Reveals Altered Membrane Dynamics of an Attention-Deficit/Hyperactivity-Disorder-Derived Dopamine Transporter Coding Variant. ACS Chemical Neuroscience, 2015, 6, 526-534.	3.5	37
58	Genetic variation in alpha2-adrenoreceptors and heart rate recovery after exercise. Physiological Genomics, 2015, 47, 400-406.	2.3	6
59	Physical Interactions and Functional Relationships of Neuroligin 2 and Midbrain Serotonin Transporters. Frontiers in Synaptic Neuroscience, 2015, 7, 20.	2.5	15
60	Serotonin Transporterâ€Independent Actions of the Antidepressant Vortioxetine as Revealed Using the SERT M172 Mouse. FASEB Journal, 2015, 29, 932.5.	0.5	0
61	A Novel Approach to Cholinergic Signaling Modulation: Development and Characterization of ML352, a Novel, Noncompetitive Inhibitor of the Presynaptic Choline Transporter. FASEB Journal, 2015, 29, 932.6.	0.5	0
62	The rare DAT coding variant Val559 perturbs DA neuron function, changes behavior, and alters in vivo responses to psychostimulants. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4779-88.	7.1	59
63	An open-source analytical platform for analysis of C. elegans swimming-induced paralysis. Journal of Neuroscience Methods, 2014, 232, 58-62.	2.5	8
64	The brain in flux: Genetic, physiologic, and therapeutic perspectives on transporters in the CNS. Neurochemistry International, 2014, 73, 1-3.	3.8	2
65	Disposed to Distraction: Genetic Variation in the Cholinergic System Influences Distractibility But Not Time-on-Task Effects. Journal of Cognitive Neuroscience, 2014, 26, 1981-1991.	2.3	65
66	Genetic targeting of the amphetamine and methylphenidate-sensitive dopamine transporter: On the path to an animal model of attention-deficit hyperactivity disorder. Neurochemistry International, 2014, 73, 56-70.	3.8	24
67	Transgenic overexpression of the presynaptic choline transporter elevates acetylcholine levels and augments motor endurance. Neurochemistry International, 2014, 73, 217-228.	3.8	15
68	Good riddance to dopamine: Roles for the dopamine transporter in synaptic function and dopamine-associated brain disorders. Neurochemistry International, 2014, 73, 42-48.	3.8	60
69	Monitoring cholinergic activity during attentional performance in mice heterozygous for the choline transporter: A model of cholinergic capacity limits. Neuropharmacology, 2013, 75, 274-285.	4.1	22
70	Choline transporter hemizygosity results in diminished basal extracellular dopamine levels in nucleus accumbens and blunts dopamine elevations following cocaine or nicotine. Biochemical Pharmacology, 2013, 86, 1084-1088.	4.4	15
71	Genetic background modulates phenotypes of serotonin transporter Ala56 knock-in mice. Molecular Autism, 2013, 4, 35.	4.9	35
72	Rare coding variants of the adenosine A3 receptor are increased in autism: on the trail of the serotonin transporter regulome. Molecular Autism, 2013, 4, 28.	4.9	23

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73	A Dialogue between the Immune System and Brain, Spoken in the Language of Serotonin. ACS Chemical Neuroscience, 2013, 4, 48-63.	3.5	260
74	The Presynaptic Choline Transporter Imposes Limits on Sustained Cortical Acetylcholine Release and Attention. Journal of Neuroscience, 2013, 33, 2326-2337.	3.6	57
75	Phosphorylation of Dopamine Transporter Serine 7 Modulates Cocaine Analog Binding. Journal of Biological Chemistry, 2013, 288, 20-32.	3.4	47
76	The SSRI Citalopram Affects Fetal Thalamic Axon Responsiveness to Netrin-1 In vitro Independently of SERT Antagonism. Neuropsychopharmacology, 2012, 37, 1879-1884.	5.4	26
77	Forward Genetic Analysis to Identify Determinants of Dopamine Signaling inCaenorhabditis elegansUsing Swimming-Induced Paralysis. G3: Genes, Genomes, Genetics, 2012, 2, 961-975.	1.8	30
78	Attention Deficit/Hyperactivity Disorder-Derived Coding Variation in the Dopamine Transporter Disrupts Microdomain Targeting and Trafficking Regulation. Journal of Neuroscience, 2012, 32, 5385-5397.	3.6	102
79	Single Molecule Analysis of Serotonin Transporter Regulation Using Antagonist-Conjugated Quantum Dots Reveals Restricted, p38 MAPK-Dependent Mobilization Underlying Uptake Activation. Journal of Neuroscience, 2012, 32, 8919-8929.	3.6	75
80	Vesicular and Plasma Membrane Transporters for Neurotransmitters. Cold Spring Harbor Perspectives in Biology, 2012, 4, a005595-a005595.	5.5	126
81	Nonoisotopic Assay for the Presynaptic Choline Transporter Reveals Capacity for Allosteric Modulation of Choline Uptake. ACS Chemical Neuroscience, 2012, 3, 767-781.	3.5	19
82	Autism gene variant causes hyperserotonemia, serotonin receptor hypersensitivity, social impairment and repetitive behavior. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5469-5474.	7.1	278
83	Defective Presynaptic Choline Transport Underlies Hereditary Motor Neuropathy. American Journal of Human Genetics, 2012, 91, 1103-1107.	6.2	89
84	Networking in Autism: Leveraging Genetic, Biomarker and Model System Findings in the Search for New Treatments. Neuropsychopharmacology, 2012, 37, 196-212.	5.4	109
85	Visualization of the Cocaine-Sensitive Dopamine Transporter with Ligand-Conjugated Quantum Dots. ACS Chemical Neuroscience, 2011, 2, 370-378.	3.5	40
86	A transient placental source of serotonin for the fetal forebrain. Nature, 2011, 472, 347-350.	27.8	475
87	Genetic Indeterminism, the 5-HTTLPR, and the Paths Forward in Neuropsychiatric Genetics. Archives of General Psychiatry, 2011, 68, 457.	12.3	14
88	A Conserved Asparagine Residue in Transmembrane Segment 1 (TM1) of Serotonin Transporter Dictates Chloride-coupled Neurotransmitter Transport. Journal of Biological Chemistry, 2011, 286, 30823-30836.	3.4	32
89	Transgenic elimination of high-affinity antidepressant and cocaine sensitivity in the presynaptic serotonin transporter. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3785-3790.	7.1	56
90	Colocalization and Regulated Physical Association of Presynaptic Serotonin Transporters with A₃Adenosine Receptors. Molecular Pharmacology, 2011, 80, 458-465.	2.3	30

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91	Dysregulation of Dopamine Transporters via Dopamine D₂Autoreceptors Triggers Anomalous Dopamine Efflux Associated with Attention-Deficit Hyperactivity Disorder. Journal of Neuroscience, 2010, 30, 6048-6057.	3.6	105
92	Rab11 Supports Amphetamine-Stimulated Norepinephrine Transporter Trafficking. Journal of Neuroscience, 2010, 30, 7863-7877.	3.6	27
93	Transmembrane Domain 6 of the Human Serotonin Transporter Contributes to an Aqueously Accessible Binding Pocket for Serotonin and the Psychostimulant 3,4-Methylene Dioxymethamphetamine. Journal of Biological Chemistry, 2010, 285, 11270-11280.	3.4	31
94	Interleukin-1 Receptor Activation by Systemic Lipopolysaccharide Induces Behavioral Despair Linked to MAPK Regulation of CNS Serotonin Transporters. Neuropsychopharmacology, 2010, 35, 2510-2520.	5.4	256
95	Does Presynaptic GSKâ€3Beta Signaling Play a Role in Bipolar Disorder: Studies of on Dopamine Transporter (DAT) Coding Variants. FASEB Journal, 2010, 24, 855.3.	0.5	0
96	Functional coding variation in recombinant inbred mouse lines reveals multiple serotonin transporter-associated phenotypes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2047-2052.	7.1	89
97	Enhanced activity of human serotonin transporter variants associated with autism. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 163-173.	4.0	120
98	Modeling rare gene variation to gain insight into the oldest biomarker in autism: construction of the serotonin transporter Gly56Ala knock-in mouse. Journal of Neurodevelopmental Disorders, 2009, 1, 158-171.	3.1	43
99	Choline transporter gene variation is associated with attention-deficit hyperactivity disorder. Journal of Neurodevelopmental Disorders, 2009, 1, 252-263.	3.1	61
100	cGMP-dependent protein kinase Iî± associates with the antidepressant-sensitive serotonin transporter and dictates rapid modulation of serotonin uptake. Molecular Brain, 2009, 2, 26.	2.6	43
101	Beyond Prozac: Generation and characterization of SSRI Insensitive Transgenic Mice. FASEB Journal, 2009, 23, 942.7.	0.5	0
102	Anomalous Dopamine Release Associated with a Human Dopamine Transporter Coding Variant. Journal of Neuroscience, 2008, 28, 7040-7046.	3.6	119
103	Functional Gene Variation in the Human Norepinephrine Transporter. Annals of the New York Academy of Sciences, 2008, 1129, 256-260.	3.8	35
104	Going with the Flow: Traffickingâ€Ðependent and â€Ìndependent Regulation of Serotonin Transport. Traffic, 2008, 9, 1393-1402.	2.7	109
105	Dopamine transporter/syntaxin 1A interactions regulate transporter channel activity and dopaminergic synaptic transmission. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14192-14197.	7.1	81
106	Serotonin and Supermodels: Modelâ€guided exploration of hSERT TM6. FASEB Journal, 2008, 22, .	0.5	0
107	The Functional Impact of SLC6 Transporter Genetic Variation. Annual Review of Pharmacology and Toxicology, 2007, 47, 401-441.	9.4	114
108	All Aglow about Presynaptic Receptor Regulation of Neurotransmitter Transporters. Molecular Pharmacology, 2007, 71, 1206-1208.	2.3	10

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109	Hypoinsulinemia Regulates Amphetamine-Induced Reverse Transport of Dopamine. PLoS Biology, 2007, 5, e274.	5.6	117
110	Amphetamine Induces a Calcium/Calmodulin-Dependent Protein Kinase II-Dependent Reduction in Norepinephrine Transporter Surface Expression Linked to Changes in Syntaxin 1A/Transporter Complexes. Molecular Pharmacology, 2007, 71, 230-239.	2.3	50
111	Rapid Stimulation of Presynaptic Serotonin Transport by A3 Adenosine Receptors. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 332-340.	2.5	57
112	Vigorous Motor Activity inCaenorhabditis elegansRequires Efficient Clearance of Dopamine Mediated by Synaptic Localization of the Dopamine Transporter DAT-1. Journal of Neuroscience, 2007, 27, 14216-14227.	3.6	108
113	Calcium-dependent interactions of the human norepinephrine transporter with syntaxin 1A. Molecular and Cellular Neurosciences, 2007, 34, 251-260.	2.2	29
114	The Proinflammatory Cytokines Interleukin-1beta and Tumor Necrosis Factor-Alpha Activate Serotonin Transporters. Neuropsychopharmacology, 2006, 31, 2121-2131.	5.4	461
115	Dopamine Signaling Architecture in Caenorhabditis elegans. Cellular and Molecular Neurobiology, 2006, 26, 591-616.	3.3	54
116	Tyr-95 and Ile-172 in Transmembrane Segments 1 and 3 of Human Serotonin Transporters Interact to Establish High Affinity Recognition of Antidepressants. Journal of Biological Chemistry, 2006, 281, 2012-2023.	3.4	158
117	Serotonin-, Protein Kinase C-, and Hic-5-associated Redistribution of the Platelet Serotonin Transporter. Journal of Biological Chemistry, 2006, 281, 24769-24780.	3.4	94
118	The Caenorhabditis elegans Choline Transporter CHO-1 Sustains Acetylcholine Synthesis and Motor Function in an Activity-Dependent Manner. Journal of Neuroscience, 2006, 26, 6200-6212.	3.6	47
119	Na+, Cl-, and pH Dependence of the Human Choline Transporter (hCHT) in Xenopus Oocytes: The Proton Inactivation Hypothesis of hCHT in Synaptic Vesicles. Journal of Neuroscience, 2006, 26, 9851-9859.	3.6	61
120	A polymorphism in the norepinephrine transporter gene alters promoter activity and is associated with attention-deficit hyperactivity disorder. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19164-19169.	7.1	131
121	A critical site in the human serotonin transporter defines Na+ and Clâ€•dependence. FASEB Journal, 2006, 20, A242.	0.5	0
122	A genetic screen inCaenorhabditis elegansfor dopamine neuron insensitivity to 6â€hydroxydopamine identifies dopamine transporter mutants impacting transporter biosynthesis and trafficking. Journal of Neurochemistry, 2005, 94, 774-785.	3.9	69
123	Single Nucleotide Polymorphisms in the Human Norepinephrine Transporter Gene Affect Expression, Trafficking, Antidepressant Interaction, and Protein Kinase C Regulation. Molecular Pharmacology, 2005, 68, 457-466.	2.3	77
124	Evidence for Biphasic Effects of Protein Kinase C on Serotonin Transporter Function, Endocytosis, and Phosphorylation. Molecular Pharmacology, 2005, 67, 2077-2087.	2.3	107
125	p38 MAPK Activation Elevates Serotonin Transport Activity via a Trafficking-independent, Protein Phosphatase 2A-dependent Process. Journal of Biological Chemistry, 2005, 280, 15649-15658.	3.4	193
126	Human serotonin transporter variants display altered sensitivity to protein kinase G and p38 mitogen-activated protein kinase. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11545-11550.	7.1	167

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127	Allelic Heterogeneity at the Serotonin Transporter Locus (SLC6A4) Confers Susceptibility to Autism and Rigid-Compulsive Behaviors. American Journal of Human Genetics, 2005, 77, 265-279.	6.2	378
128	The serotonin transporter (SLC6A4) is present in Bâ€cell clones of diverse malignant origin: probing a potential antitumor target for psychotropics. FASEB Journal, 2005, 19, 1187-1189.	0.5	77
129	Proteomic analysis of human norepinephrine transporter complexes reveals associations with protein phosphatase 2A anchoring subunit and 14-3-3 proteins. Biochemical and Biophysical Research Communications, 2005, 333, 671-678.	2.1	35
130	Sequence variation in the human dopamine transporter gene in children with attention deficit hyperactivity disorder. Neuropharmacology, 2005, 49, 724-736.	4.1	96
131	Expression studies of naturally occurring human dopamine transporter variants identifies a novel state of transporter inactivation associated with Val382Ala. Neuropharmacology, 2005, 49, 737-749.	4.1	44
132	Lethal impairment of cholinergic neurotransmission in hemicholinium-3-sensitive choline transporter knockout mice. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8762-8767.	7.1	163
133	Regulation of Choline Transporter Surface Expression and Phosphorylation by Protein Kinase C and Protein Phosphatase 1/2A. Journal of Pharmacology and Experimental Therapeutics, 2004, 310, 536-545.	2.5	56
134	Dopamine transporters depolarize neurons by a channel mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 16046-16051.	7.1	138
135	Adenosine Receptor, Protein Kinase G, and p38 Mitogen-Activated Protein Kinase-Dependent Up-Regulation of Serotonin Transporters Involves Both Transporter Trafficking and Activation. Molecular Pharmacology, 2004, 65, 1462-1474.	2.3	153
136	Stimulation of serotonin transport by the cyclic GMP phosphodiesterase-5 inhibitor sildenafil. European Journal of Pharmacology, 2004, 504, 1-6.	3.5	36
137	The Choline Transporter Resurfaces: New Roles for Synaptic Vesicles?. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2004, 4, 22-37.	3.4	130
138	Cell surface trafficking of the antidepressant-sensitive norepinephrine transporter revealed with an ectodomain antibody. Molecular and Cellular Neurosciences, 2003, 24, 1131-1150.	2.2	40
139	THECAENORHABDITIS ELEGANSDOPAMINERGICSYSTEM: Opportunities for Insights into Dopamine Transport and Neurodegeneration. Annual Review of Pharmacology and Toxicology, 2003, 43, 521-544.	9.4	104
140	Calcium-Dependent Inhibition of Synaptosomal Serotonin Transport by the Î±2-Adrenoceptor Agonist 5-Bromo-N-[4,5-dihydro-1H-imidazol-2-yl]-6-quinoxalinamine (UK14304). Journal of Pharmacology and Experimental Therapeutics, 2003, 305, 956-965.	2.5	40
141	A Regulated Interaction of Syntaxin 1A with the Antidepressant-Sensitive Norepinephrine Transporter Establishes Catecholamine Clearance Capacity. Journal of Neuroscience, 2003, 23, 1697-1709.	3.6	150
142	Vesicular Localization and Activity-Dependent Trafficking of Presynaptic Choline Transporters. Journal of Neuroscience, 2003, 23, 9697-9709.	3.6	202
143	Neurotoxin-induced degeneration of dopamine neurons in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3264-3269.	7.1	367
144	Targeting Cell Surface Receptors with Ligand-Conjugated Nanocrystals. Journal of the American Chemical Society, 2002, 124, 4586-4594.	13.7	349

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145	Determinants within the C-terminus of the human norepinephrine transporter dictate transporter trafficking, stability, and activity. Archives of Biochemistry and Biophysics, 2002, 404, 80-91.	3.0	52
146	Cloning and Chromosomal Mapping of the Murine Norepinephrine Transporter. Journal of Neurochemistry, 2002, 70, 2241-2251.	3.9	45
147	Ultrastructural localization of the serotonin transporter in superficial and deep layers of the rat prelimbic prefrontal cortex and its spatial relationship to dopamine terminals. Journal of Comparative Neurology, 2000, 427, 220-234.	1.6	96
148	SNARE-ing neurotransmitter transporters. Nature Neuroscience, 2000, 3, 969-971.	14.8	14
149	Biogenic amine transporters: regulation in flux. Current Opinion in Neurobiology, 2000, 10, 328-336.	4.2	242
150	Cocaine and Antidepressant-Sensitive Biogenic Amine Transporters Exist in Regulated Complexes with Protein Phosphatase 2A. Journal of Neuroscience, 2000, 20, 7571-7578.	3.6	192
151	Orthostatic Intolerance and Tachycardia Associated with Norepinephrine-Transporter Deficiency. New England Journal of Medicine, 2000, 342, 541-549.	27.0	534
152	Molecular Cloning of a Human, Hemicholinium-3-Sensitive Choline Transporter. Biochemical and Biophysical Research Communications, 2000, 276, 862-867.	2.1	172
153	Immunolocalization of the cocaine- and antidepressant-sensitive l-norepinephrine transporter. Journal of Comparative Neurology, 2000, 420, 211-232.	1.6	225
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