

Randy D Blakely

List of Publications by Year in descending order

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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	Expression cloning of a cocaine-and antidepressant-sensitive human noradrenaline transporter. <i>Nature</i> , 1991, 350, 350-354.	27.8	897
2	Pharmacological profile of antidepressants and related compounds at human monoamine transporters. <i>European Journal of Pharmacology</i> , 1997, 340, 249-258.	3.5	780
3	Cloning and expression of a functional serotonin transporter from rat brain. <i>Nature</i> , 1991, 354, 66-70.	27.8	763
4	Orthostatic Intolerance and Tachycardia Associated with Norepinephrine-Transporter Deficiency. <i>New England Journal of Medicine</i> , 2000, 342, 541-549.	27.0	534
5	A transient placental source of serotonin for the fetal forebrain. <i>Nature</i> , 2011, 472, 347-350.	27.8	475
6	The Proinflammatory Cytokines Interleukin-1beta and Tumor Necrosis Factor-Alpha Activate Serotonin Transporters. <i>Neuropsychopharmacology</i> , 2006, 31, 2121-2131.	5.4	461
7	Allelic Heterogeneity at the Serotonin Transporter Locus (SLC6A4) Confers Susceptibility to Autism and Rigid-Compulsive Behaviors. <i>American Journal of Human Genetics</i> , 2005, 77, 265-279.	6.2	378
8	Neurotoxin-induced degeneration of dopamine neurons in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3264-3269.	7.1	367
9	Targeting Cell Surface Receptors with Ligand-Conjugated Nanocrystals. <i>Journal of the American Chemical Society</i> , 2002, 124, 4586-4594.	13.7	349
10	Phosphorylation and Sequestration of Serotonin Transporters Differentially Modulated by Psychostimulants. <i>Science</i> , 1999, 285, 763-766.	12.6	338
11	Protein Kinase C Activation Regulates Human Serotonin Transporters in HEK-293 Cells via Altered Cell Surface Expression. <i>Journal of Neuroscience</i> , 1997, 17, 45-57.	3.6	331
12	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
13	A Dialogue between the Immune System and Brain, Spoken in the Language of Serotonin. <i>ACS Chemical Neuroscience</i> , 2013, 4, 48-63.	3.5	260
14	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
15	Phosphorylation and Regulation of Antidepressant-sensitive Serotonin Transporters. <i>Journal of Biological Chemistry</i> , 1998, 273, 2458-2466.	3.4	252
16	Biogenic amine transporters: regulation in flux. <i>Current Opinion in Neurobiology</i> , 2000, 10, 328-336.	4.2	242
17	Immunolocalization of the cocaine- and antidepressant-sensitive l-norepinephrine transporter. <i>Journal of Comparative Neurology</i> , 2000, 420, 211-232.	1.6	225
18	Vesicular Localization and Activity-Dependent Trafficking of Presynaptic Choline Transporters. <i>Journal of Neuroscience</i> , 2003, 23, 9697-9709.	3.6	202

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19	p38 MAPK Activation Elevates Serotonin Transport Activity via a Trafficking-independent, Protein Phosphatase 2A-dependent Process. <i>Journal of Biological Chemistry</i> , 2005, 280, 15649-15658.	3.4	193
20	Cocaine and Antidepressant-Sensitive Biogenic Amine Transporters Exist in Regulated Complexes with Protein Phosphatase 2A. <i>Journal of Neuroscience</i> , 2000, 20, 7571-7578.	3.6	192
21	Regulated phosphorylation and trafficking of antidepressant-sensitive serotonin transporter proteins. <i>Biological Psychiatry</i> , 1998, 44, 169-178.	1.3	177
22	Molecular Cloning of a Human, Hemicholinium-3-Sensitive Choline Transporter. <i>Biochemical and Biophysical Research Communications</i> , 2000, 276, 862-867.	2.1	172
23	Transmembrane Domain I Contributes to the Permeation Pathway for Serotonin and Ions in the Serotonin Transporter. <i>Journal of Neuroscience</i> , 1999, 19, 4705-4717.	3.6	168
24	Human serotonin transporter variants display altered sensitivity to protein kinase G and p38 mitogen-activated protein kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11545-11550.	7.1	167
25	Lethal impairment of cholinergic neurotransmission in hemicholinium-3-sensitive choline transporter knockout mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8762-8767.	7.1	163
26	Tyr-95 and Ile-172 in Transmembrane Segments 1 and 3 of Human Serotonin Transporters Interact to Establish High Affinity Recognition of Antidepressants. <i>Journal of Biological Chemistry</i> , 2006, 281, 2012-2023.	3.4	158
27	Adenosine Receptor, Protein Kinase G, and p38 Mitogen-Activated Protein Kinase-Dependent Up-Regulation of Serotonin Transporters Involves Both Transporter Trafficking and Activation. <i>Molecular Pharmacology</i> , 2004, 65, 1462-1474.	2.3	153
28	A Regulated Interaction of Syntaxin 1A with the Antidepressant-Sensitive Norepinephrine Transporter Establishes Catecholamine Clearance Capacity. <i>Journal of Neuroscience</i> , 2003, 23, 1697-1709.	3.6	150
29	Regulation of autism-relevant behaviors by cerebellar and prefrontal cortical circuits. <i>Nature Neuroscience</i> , 2020, 23, 1102-1110.	14.8	149
30	Dopamine transporters depolarize neurons by a channel mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 16046-16051.	7.1	138
31	High Affinity Recognition of Serotonin Transporter Antagonists Defined by Species-scanning Mutagenesis. <i>Journal of Biological Chemistry</i> , 1998, 273, 19459-19468.	3.4	132
32	A polymorphism in the norepinephrine transporter gene alters promoter activity and is associated with attention-deficit hyperactivity disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19164-19169.	7.1	131
33	The Choline Transporter Resurfaces: New Roles for Synaptic Vesicles?. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2004, 4, 22-37.	3.4	130
34	Vesicular and Plasma Membrane Transporters for Neurotransmitters. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012, 4, a005595-a005595.	5.5	126
35	Enhanced activity of human serotonin transporter variants associated with autism. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2009, 364, 163-173.	4.0	120
36	Anomalous Dopamine Release Associated with a Human Dopamine Transporter Coding Variant. <i>Journal of Neuroscience</i> , 2008, 28, 7040-7046.	3.6	119

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37	Hypoinsulinemia Regulates Amphetamine-Induced Reverse Transport of Dopamine. <i>PLoS Biology</i> , 2007, 5, e274.	5.6	117
38	Cell-Type-Specific Interleukin 1 Receptor 1 Signaling in the Brain Regulates Distinct Neuroimmune Activities. <i>Immunity</i> , 2019, 50, 317-333.e6.	14.3	116
39	The Functional Impact of SLC6 Transporter Genetic Variation. <i>Annual Review of Pharmacology and Toxicology</i> , 2007, 47, 401-441.	9.4	114
40	Serotonin transporter variant drives preventable gastrointestinal abnormalities in development and function. <i>Journal of Clinical Investigation</i> , 2016, 126, 2221-2235.	8.2	112
41	Going with the Flow: Trafficking-Dependent and -Independent Regulation of Serotonin Transport. <i>Traffic</i> , 2008, 9, 1393-1402.	2.7	109
42	Networking in Autism: Leveraging Genetic, Biomarker and Model System Findings in the Search for New Treatments. <i>Neuropsychopharmacology</i> , 2012, 37, 196-212.	5.4	109
43	Vigorous Motor Activity in <i>Caenorhabditis elegans</i> Requires Efficient Clearance of Dopamine Mediated by Synaptic Localization of the Dopamine Transporter DAT-1. <i>Journal of Neuroscience</i> , 2007, 27, 14216-14227.	3.6	108
44	Evidence for Biphasic Effects of Protein Kinase C on Serotonin Transporter Function, Endocytosis, and Phosphorylation. <i>Molecular Pharmacology</i> , 2005, 67, 2077-2087.	2.3	107
45	Cloning and expression of the mouse serotonin transporter. <i>Molecular Brain Research</i> , 1996, 43, 185-192.	2.3	106
46	Dysregulation of Dopamine Transporters via Dopamine D ₂ Autoreceptors Triggers Anomalous Dopamine Efflux Associated with Attention-Deficit Hyperactivity Disorder. <i>Journal of Neuroscience</i> , 2010, 30, 6048-6057.	3.6	105
47	THE CAENORHABDITIS ELEGANS DOPAMINE TRANSPORT SYSTEM: Opportunities for Insights into Dopamine Transport and Neurodegeneration. <i>Annual Review of Pharmacology and Toxicology</i> , 2003, 43, 521-544.	9.4	104
48	Attention Deficit/Hyperactivity Disorder-Derived Coding Variation in the Dopamine Transporter Disrupts Microdomain Targeting and Trafficking Regulation. <i>Journal of Neuroscience</i> , 2012, 32, 5385-5397.	3.6	102
49	Alternative Splicing of the Human Serotonin Transporter Gene. <i>Journal of Neurochemistry</i> , 1997, 69, 1356-1367.	3.9	99
50	Ultrastructural localization of the serotonin transporter in superficial and deep layers of the rat prefrontal cortex and its spatial relationship to dopamine terminals. <i>Journal of Comparative Neurology</i> , 2000, 427, 220-234.	1.6	96
51	Sequence variation in the human dopamine transporter gene in children with attention deficit hyperactivity disorder. <i>Neuropharmacology</i> , 2005, 49, 724-736.	4.1	96
52	Serotonin-, Protein Kinase C-, and Hic-5-associated Redistribution of the Platelet Serotonin Transporter. <i>Journal of Biological Chemistry</i> , 2006, 281, 24769-24780.	3.4	94
53	Functional coding variation in recombinant inbred mouse lines reveals multiple serotonin transporter-associated phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2047-2052.	7.1	89
54	Defective Presynaptic Choline Transport Underlies Hereditary Motor Neuropathy. <i>American Journal of Human Genetics</i> , 2012, 91, 1103-1107.	6.2	89

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55	Kinase-dependent Regulation of Monoamine Neurotransmitter Transporters. <i>Pharmacological Reviews</i> , 2016, 68, 888-953.	16.0	83
56	Serotonergic dorsal raphe nucleus projections to the cholinergic and noncholinergic neurons of the pedunculopontine tegmental region: a light and electron microscopic anterograde tracing and immunohistochemical study. , 1997, 382, 302-322.		82
57	Dopamine transporter/syntaxin 1A interactions regulate transporter channel activity and dopaminergic synaptic transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14192-14197.	7.1	81
58	Single Nucleotide Polymorphisms in the Human Norepinephrine Transporter Gene Affect Expression, Trafficking, Antidepressant Interaction, and Protein Kinase C Regulation. <i>Molecular Pharmacology</i> , 2005, 68, 457-466.	2.3	77
59	The serotonin transporter (SLC6A4) is present in Bâ€cell clones of diverse malignant origin: probing a potential antitumor target for psychotropics. <i>FASEB Journal</i> , 2005, 19, 1187-1189.	0.5	77
60	Single Molecule Analysis of Serotonin Transporter Regulation Using Antagonist-Conjugated Quantum Dots Reveals Restricted, p38 MAPK-Dependent Mobilization Underlying Uptake Activation. <i>Journal of Neuroscience</i> , 2012, 32, 8919-8929.	3.6	75
61	Immune System Activation and Depression: Roles of Serotonin in the Central Nervous System and Periphery. <i>ACS Chemical Neuroscience</i> , 2017, 8, 932-942.	3.5	75
62	A genetic screen in <i>Caenorhabditis elegans</i> for dopamine neuron insensitivity to 6â€hydroxydopamine identifies dopamine transporter mutants impacting transporter biosynthesis and trafficking. <i>Journal of Neurochemistry</i> , 2005, 94, 774-785.	3.9	69
63	Disposed to Distraction: Genetic Variation in the Cholinergic System Influences Distractibility But Not Time-on-Task Effects. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1981-1991.	2.3	65
64	Na ⁺ , Cl ⁻ , and pH Dependence of the Human Choline Transporter (hCHT) in <i>Xenopus</i> Oocytes: The Proton Inactivation Hypothesis of hCHT in Synaptic Vesicles. <i>Journal of Neuroscience</i> , 2006, 26, 9851-9859.	3.6	61
65	Choline transporter gene variation is associated with attention-deficit hyperactivity disorder. <i>Journal of Neurodevelopmental Disorders</i> , 2009, 1, 252-263.	3.1	61
66	Good riddance to dopamine: Roles for the dopamine transporter in synaptic function and dopamine-associated brain disorders. <i>Neurochemistry International</i> , 2014, 73, 42-48.	3.8	60
67	Polarized Expression of the Antidepressant-Sensitive Serotonin Transporter in Epinephrine-Synthesizing Chromaffin Cells of the Rat Adrenal Gland. <i>Molecular and Cellular Neurosciences</i> , 1997, 9, 170-184.	2.2	59
68	The rare DAT coding variant Val559 perturbs DA neuron function, changes behavior, and alters in vivo responses to psychostimulants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4779-88.	7.1	59
69	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
70	The Presynaptic Choline Transporter Imposes Limits on Sustained Cortical Acetylcholine Release and Attention. <i>Journal of Neuroscience</i> , 2013, 33, 2326-2337.	3.6	57
71	Regulation of Choline Transporter Surface Expression and Phosphorylation by Protein Kinase C and Protein Phosphatase 1/2A. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 536-545.	2.5	56
72	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

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73	Dopamine Signaling Architecture in <i>Caenorhabditis elegans</i> . <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 591-616.	3.3	54
74	Impact of Maternal Serotonin Transporter Genotype on Placental Serotonin, Fetal Forebrain Serotonin, and Neurodevelopment. <i>Neuropsychopharmacology</i> , 2017, 42, 427-436.	5.4	53
75	Interrogating the Spatiotemporal Landscape of Neuromodulatory GPCR Signaling by Real-Time Imaging of cAMP in Intact Neurons and Circuits. <i>Cell Reports</i> , 2018, 22, 255-268.	6.4	53
76	Determinants within the C-terminus of the human norepinephrine transporter dictate transporter trafficking, stability, and activity. <i>Archives of Biochemistry and Biophysics</i> , 2002, 404, 80-91.	3.0	52
77	Amphetamine Induces a Calcium/Calmodulin-Dependent Protein Kinase II-Dependent Reduction in Norepinephrine Transporter Surface Expression Linked to Changes in Syntaxin 1A/Transporter Complexes. <i>Molecular Pharmacology</i> , 2007, 71, 230-239.	2.3	50
78	Disruption of Transient Serotonin Accumulation by Non-Serotonin-Producing Neurons Impairs Cortical Map Development. <i>Cell Reports</i> , 2015, 10, 346-358.	6.4	49
79	$G\hat{i}\pm o$ is a major determinant of cAMP signaling in the pathophysiology of movement disorders. <i>Cell Reports</i> , 2021, 34, 108718.	6.4	48
80	The <i>Caenorhabditis elegans</i> Choline Transporter CHO-1 Sustains Acetylcholine Synthesis and Motor Function in an Activity-Dependent Manner. <i>Journal of Neuroscience</i> , 2006, 26, 6200-6212.	3.6	47
81	Phosphorylation of Dopamine Transporter Serine 7 Modulates Cocaine Analog Binding. <i>Journal of Biological Chemistry</i> , 2013, 288, 20-32.	3.4	47
82	Cloning and Chromosomal Mapping of the Murine Norepinephrine Transporter. <i>Journal of Neurochemistry</i> , 2002, 70, 2241-2251.	3.9	45
83	Pancreatic deletion of the interleukin-1 receptor disrupts whole body glucose homeostasis and promotes islet β -cell de-differentiation. <i>Molecular Metabolism</i> , 2018, 14, 95-107.	6.5	45
84	Expression studies of naturally occurring human dopamine transporter variants identifies a novel state of transporter inactivation associated with Val382Ala. <i>Neuropharmacology</i> , 2005, 49, 737-749.	4.1	44
85	Cholinergic capacity mediates prefrontal engagement during challenges to attention: evidence from imaging genetics. <i>NeuroImage</i> , 2015, 108, 386-395.	4.2	44
86	Modeling rare gene variation to gain insight into the oldest biomarker in autism: construction of the serotonin transporter Gly56Ala knock-in mouse. <i>Journal of Neurodevelopmental Disorders</i> , 2009, 1, 158-171.	3.1	43
87	cGMP-dependent protein kinase $\hat{I}\pm$ associates with the antidepressant-sensitive serotonin transporter and dictates rapid modulation of serotonin uptake. <i>Molecular Brain</i> , 2009, 2, 26.	2.6	43
88	Cholinergic genetics of visual attention: Human and mouse choline transporter capacity variants influence distractibility. <i>Journal of Physiology (Paris)</i> , 2016, 110, 10-18.	2.1	42
89	Metabolism of Catecholamines by Catechol-O -Methyltransferase in Cells Expressing Recombinant Catecholamine Transporters. <i>Journal of Neurochemistry</i> , 1997, 69, 1459-1466.	3.9	41
90	Cell surface trafficking of the antidepressant-sensitive norepinephrine transporter revealed with an ectodomain antibody. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 1131-1150.	2.2	40

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91	Calcium-Dependent Inhibition of Synaptosomal Serotonin Transport by the $\hat{1}\pm 2$ -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
92	Visualization of the Cocaine-Sensitive Dopamine Transporter with Ligand-Conjugated Quantum Dots. <i>ACS Chemical Neuroscience</i> , 2011, 2, 370-378.	3.5	40
93	Glial Expression of the <i>Caenorhabditis elegans</i> Gene <i>swip-10</i> Supports Glutamate Dependent Control of Extrasynaptic Dopamine Signaling. <i>Journal of Neuroscience</i> , 2015, 35, 9409-9423.	3.6	39
94	Serotonin and Serotonin Transporters in the Adrenal Medulla: A Potential Hub for Modulation of the Sympathetic Stress Response. <i>ACS Chemical Neuroscience</i> , 2017, 8, 943-954.	3.5	39
95	Regulation of Antidepressant-Sensitive Serotonin Transporters. , 1997, , 29-72.		38
96	Single-Quantum-Dot Tracking Reveals Altered Membrane Dynamics of an Attention-Deficit/Hyperactivity-Disorder-Derived Dopamine Transporter Coding Variant. <i>ACS Chemical Neuroscience</i> , 2015, 6, 526-534.	3.5	37
97	Stimulation of serotonin transport by the cyclic GMP phosphodiesterase-5 inhibitor sildenafil. <i>European Journal of Pharmacology</i> , 2004, 504, 1-6.	3.5	36
98	Proteomic analysis of human norepinephrine transporter complexes reveals associations with protein phosphatase 2A anchoring subunit and 14-3-3 proteins. <i>Biochemical and Biophysical Research Communications</i> , 2005, 333, 671-678.	2.1	35
99	Functional Gene Variation in the Human Norepinephrine Transporter. <i>Annals of the New York Academy of Sciences</i> , 2008, 1129, 256-260.	3.8	35
100	Genetic background modulates phenotypes of serotonin transporter Ala56 knock-in mice. <i>Molecular Autism</i> , 2013, 4, 35.	4.9	35
101	p38 $\hat{1}\pm$ MAPK signaling drives pharmacologically reversible brain and gastrointestinal phenotypes in the SERT Ala56 mouse. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10245-E10254.	7.1	35
102	Unresponsive Choline Transporter as a Trait Neuromarker and a Causal Mediator of Bottom-Up Attentional Biases. <i>Journal of Neuroscience</i> , 2017, 37, 2947-2959.	3.6	34
103	Region-Specific Regulation of Presynaptic Dopamine Homeostasis by D ₂ Autoreceptors Shapes the <i>In Vivo</i> Impact of the Neuropsychiatric Disease-Associated DAT Variant Val559. <i>Journal of Neuroscience</i> , 2018, 38, 5302-5312.	3.6	34
104	A Conserved Asparagine Residue in Transmembrane Segment 1 (TM1) of Serotonin Transporter Dictates Chloride-coupled Neurotransmitter Transport. <i>Journal of Biological Chemistry</i> , 2011, 286, 30823-30836.	3.4	32
105	Transmembrane Domain 6 of the Human Serotonin Transporter Contributes to an Aqueously Accessible Binding Pocket for Serotonin and the Psychostimulant 3,4-Methylene Dioxymethamphetamine. <i>Journal of Biological Chemistry</i> , 2010, 285, 11270-11280.	3.4	31
106	Generation and Characterization of Mice Expressing a Conditional Allele of the Interleukin-1 Receptor Type 1. <i>PLoS ONE</i> , 2016, 11, e0150068.	2.5	31
107	Colocalization and Regulated Physical Association of Presynaptic Serotonin Transporters with A ₃ Adenosine Receptors. <i>Molecular Pharmacology</i> , 2011, 80, 458-465.	2.3	30
108	Forward Genetic Analysis to Identify Determinants of Dopamine Signaling in <i>Caenorhabditis elegans</i> Using Swimming-Induced Paralysis. <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 961-975.	1.8	30

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109	Distinct, Developmentally Regulated Brain mRNAs Direct the Synthesis of Neurotransmitter Transporters. <i>Journal of Neurochemistry</i> , 1991, 56, 860-871.	3.9	29
110	Calcium-dependent interactions of the human norepinephrine transporter with syntaxin 1A. <i>Molecular and Cellular Neurosciences</i> , 2007, 34, 251-260.	2.2	29
111	Blockade of the 5-HT transporter contributes to the behavioural, neuronal and molecular effects of cocaine. <i>British Journal of Pharmacology</i> , 2017, 174, 2716-2738.	5.4	28
112	Rab11 Supports Amphetamine-Stimulated Norepinephrine Transporter Trafficking. <i>Journal of Neuroscience</i> , 2010, 30, 7863-7877.	3.6	27
113	Essential Contributions of Serotonin Transporter Inhibition to the Acute and Chronic Actions of Fluoxetine and Citalopram in the SERT Met172 Mouse. <i>Neuropsychopharmacology</i> , 2016, 41, 1733-1741.	5.4	27
114	The SSRI Citalopram Affects Fetal Thalamic Axon Responsiveness to Netrin-1 In vitro Independently of SERT Antagonism. <i>Neuropsychopharmacology</i> , 2012, 37, 1879-1884.	5.4	26
115	Single Quantum Dot Imaging Reveals PKC β -Dependent Alterations in Membrane Diffusion and Clustering of an Attention-Deficit Hyperactivity Disorder/Autism/Bipolar Disorder-Associated Dopamine Transporter Variant. <i>ACS Chemical Neuroscience</i> , 2019, 10, 460-471.	3.5	26
116	Inflammation-Induced Histamine Impairs the Capacity of Escitalopram to Increase Hippocampal Extracellular Serotonin. <i>Journal of Neuroscience</i> , 2021, 41, 6564-6577.	3.6	26
117	Functional coding variation in the presynaptic dopamine transporter associated with neuropsychiatric disorders drives enhanced motivation and context-dependent impulsivity in mice. <i>Behavioural Brain Research</i> , 2018, 337, 61-69.	2.2	25
118	Genetic targeting of the amphetamine and methylphenidate-sensitive dopamine transporter: On the path to an animal model of attention-deficit hyperactivity disorder. <i>Neurochemistry International</i> , 2014, 73, 56-70.	3.8	24
119	Choline transporter mutations in severe congenital myasthenic syndrome disrupt transporter localization. <i>Brain</i> , 2017, 140, 2838-2850.	7.6	24
120	Rare coding variants of the adenosine A3 receptor are increased in autism: on the trail of the serotonin transporter regulome. <i>Molecular Autism</i> , 2013, 4, 28.	4.9	23
121	Monitoring cholinergic activity during attentional performance in mice heterozygous for the choline transporter: A model of cholinergic capacity limits. <i>Neuropharmacology</i> , 2013, 75, 274-285.	4.1	22
122	Identification and Characterization of ML352: A Novel, Noncompetitive Inhibitor of the Presynaptic Choline Transporter. <i>ACS Chemical Neuroscience</i> , 2015, 6, 417-427.	3.5	21
123	Length of axons expressing the serotonin transporter in orbitofrontal cortex is lower with age in depression. <i>Neuroscience</i> , 2017, 359, 30-39.	2.3	21
124	Neurobehavioral changes arising from early life dopamine signaling perturbations. <i>Neurochemistry International</i> , 2020, 137, 104747.	3.8	21
125	An interplay between the serotonin transporter (SERT) and 5-HT receptors controls stimulus-secretion coupling in sympathoadrenal chromaffin cells. <i>Neuropharmacology</i> , 2016, 110, 438-448.	4.1	20
126	Nonisotopic Assay for the Presynaptic Choline Transporter Reveals Capacity for Allosteric Modulation of Choline Uptake. <i>ACS Chemical Neuroscience</i> , 2012, 3, 767-781.	3.5	19

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127	The Atypical MAP Kinase SWIP-13/ERK8 Regulates Dopamine Transporters through a Rho-Dependent Mechanism. <i>Journal of Neuroscience</i> , 2017, 37, 9288-9304.	3.6	19
128	Spatial gene expression analysis of neuroanatomical differences in mouse models. <i>NeuroImage</i> , 2017, 163, 220-230.	4.2	18
129	Blockade and reversal of swimming-induced paralysis in <i>C. elegans</i> by the antipsychotic and D2-type dopamine receptor antagonist azaperone. <i>Neurochemistry International</i> , 2019, 123, 59-68.	3.8	18
130	Glial loss of the metallo β -lactamase domain containing protein, SWIP-10, induces age- and glutamate-signaling dependent, dopamine neuron degeneration. <i>PLoS Genetics</i> , 2018, 14, e1007269.	3.5	17
131	Human Serotonin Transporter Coding Variation Establishes Conformational Bias with Functional Consequences. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3249-3260.	3.5	17
132	Ex vivo Quantitative Proteomic Analysis of Serotonin Transporter Interactome: Network Impact of the SERT Ala56 Coding Variant. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 89.	2.9	16
133	Choline transporter hemizygoty results in diminished basal extracellular dopamine levels in nucleus accumbens and blunts dopamine elevations following cocaine or nicotine. <i>Biochemical Pharmacology</i> , 2013, 86, 1084-1088.	4.4	15
134	Transgenic overexpression of the presynaptic choline transporter elevates acetylcholine levels and augments motor endurance. <i>Neurochemistry International</i> , 2014, 73, 217-228.	3.8	15
135	Physical Interactions and Functional Relationships of Neuroligin 2 and Midbrain Serotonin Transporters. <i>Frontiers in Synaptic Neuroscience</i> , 2015, 7, 20.	2.5	15
136	SNARE-ing neurotransmitter transporters. <i>Nature Neuroscience</i> , 2000, 3, 969-971.	14.8	14
137	Genetic Indeterminism, the 5-HTTLPR, and the Paths Forward in Neuropsychiatric Genetics. <i>Archives of General Psychiatry</i> , 2011, 68, 457.	12.3	14
138	Analysis of neuroanatomical differences in mice with genetically modified serotonin transporters assessed by structural magnetic resonance imaging. <i>Molecular Autism</i> , 2018, 9, 24.	4.9	14
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