

# Randy D Blakely

## List of Publications by Year in descending order

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Version: 2024-02-01

171  
papers

15,491  
citations

19608

61  
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119  
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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. <i>Neurochemical Research</i> , 2022, 47, 37-60.   | 1.6 | 3         |
| 2  | Disrupted Choline Clearance and Sustained Acetylcholine Release <i>In Vivo</i> by a Common Choline Transporter Coding Variant Associated with Poor Attentional Control in Humans. <i>Journal of Neuroscience</i> , 2022, 42, 3426-3444. | 1.7 | 5         |
| 3  | Allosteric Modulator KM822 Attenuates Behavioral Actions of Amphetamine in <i>Caenorhabditis elegans</i> through Interactions with the Dopamine Transporter DAT-1. <i>Molecular Pharmacology</i> , 2022, 101, 123-131.                  | 1.0 | 4         |
| 4  | There's no place like home? Return to the home cage triggers dopamine release in the mouse nucleus accumbens. <i>Neurochemistry International</i> , 2021, 142, 104894.  | 1.9 | 4         |
| 5  | Serotonin 5-HT1B receptor-mediated behavior and binding in mice with the overactive and dysregulated serotonin transporter Ala56 variant. <i>Psychopharmacology</i> , 2021, 238, 1111-1120.   | 1.5 | 7         |
| 6  | G $\beta$ o is a major determinant of cAMP signaling in the pathophysiology of movement disorders. <i>Cell Reports</i> , 2021, 34, 108718.  | 2.9 | 48        |
| 7  | Inflammation-Induced Histamine Impairs the Capacity of Escitalopram to Increase Hippocampal Extracellular Serotonin. <i>Journal of Neuroscience</i> , 2021, 41, 6564-6577.  | 1.7 | 26        |
| 8  | Rare Opportunities for Insights Into Serotonergic Contributions to Brain and Bowel Disorders: Studies of the SERT Ala56 Mouse. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 677563.  | 1.8 | 4         |
| 9  | Regulation of autism-relevant behaviors by cerebellar prefrontal cortical circuits. <i>Nature Neuroscience</i> , 2020, 23, 1102-1110.   | 7.1 | 149       |
| 10 | 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.   | 1.4 | 16        |
| 11 | Neurobehavioral changes arising from early life dopamine signaling perturbations. <i>Neurochemistry International</i> , 2020, 137, 104747.  | 1.9 | 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. <i>Neuroscience Letters</i> , 2020, 730, 135027.    | 1.0 | 7         |
| 13 | Adrenal serotonin derives from accumulation by the antidepressant-sensitive serotonin transporter. <i>Pharmacological Research</i> , 2019, 140, 56-66.  | 3.1 | 7         |
| 14 | 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.                               | 1.9 | 18        |
| 15 | Cell-Type-Specific Interleukin 1 Receptor 1 Signaling in the Brain Regulates Distinct Neuroimmune Activities. <i>Immunity</i> , 2019, 50, 317-333.e6.   | 6.6 | 116       |
| 16 | Human Serotonin Transporter Coding Variation Establishes Conformational Bias with Functional Consequences. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3249-3260.  | 1.7 | 17        |
| 17 | Dopamine-dependent, swimming-induced paralysis arises as a consequence of loss of function mutations in the RUNX transcription factor RNT-1. <i>PLoS ONE</i> , 2019, 14, e0216417.  | 1.1 | 6         |
| 18 | The SERT Met172 Mouse: An Engineered Model To Elucidate the Contributions of Serotonin Signaling to Cocaine Action. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3053-3060.   | 1.7 | 8         |

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|----|--|-----|-----------|
| 19 | Single Quantum Dot Imaging Reveals PKC $\beta$ -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. | 1.7 | 26        |
| 20 | Serotonin transporter inhibition and 5-HT <sub>2C</sub> receptor activation drive loss of cocaine-induced locomotor activation in DAT Val559 mice. <i>Neuropsychopharmacology</i> , 2019, 44, 994-1006.  | 2.8 | 13        |
| 21 | 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.   | 2.9 | 53        |
| 22 | 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.                                       | 1.2 | 25        |
| 23 | p38 $\beta$ 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.                                 | 3.3 | 35        |
| 24 | Global untargeted serum metabolomic analyses nominate metabolic pathways responsive to loss of expression of the orphan metallo $\beta$ -lactamase, MBLAC1. <i>Molecular Omics</i> , 2018, 14, 142-155.  | 1.4 | 11        |
| 25 | Analysis of neuroanatomical differences in mice with genetically modified serotonin transporters assessed by structural magnetic resonance imaging. <i>Molecular Autism</i> , 2018, 9, 24.   | 2.6 | 14        |
| 26 | Region-Specific Regulation of Presynaptic Dopamine Homeostasis by D <sub>2</sub> 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.                             | 1.7 | 34        |
| 27 | Pancreatic deletion of the interleukin-1 receptor disrupts whole body glucose homeostasis and promotes islet $\beta$ -cell de-differentiation. <i>Molecular Metabolism</i> , 2018, 14, 95-107.   | 3.0 | 45        |
| 28 | Glial loss of the metallo $\beta$ -lactamase domain containing protein, SWIP-10, induces age- and glutamate-signaling dependent, dopamine neuron degeneration. <i>PLoS Genetics</i> , 2018, 14, e1007269.  | 1.5 | 17        |
| 29 | Sequence determinants of the <i>Caenorhabditis elegans</i> dopamine transporter dictating <i>in vivo</i> axonal export and synaptic localization. <i>Molecular and Cellular Neurosciences</i> , 2017, 78, 41-51.   | 1.0 | 11        |
| 30 | 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.   | 1.7 | 34        |
| 31 | Serotonin Transporter-Independent Actions of the Antidepressant Vortioxetine As Revealed Using the SERT Met172 Mouse. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1092-1100.   | 1.7 | 12        |
| 32 | 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.   | 1.7 | 39        |
| 33 | 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.   | 2.7 | 28        |
| 34 | Immune System Activation and Depression: Roles of Serotonin in the Central Nervous System and Periphery. <i>ACS Chemical Neuroscience</i> , 2017, 8, 932-942.  | 1.7 | 75        |
| 35 | The Atypical MAP Kinase SWIP-13/ERK8 Regulates Dopamine Transporters through a Rho-Dependent Mechanism. <i>Journal of Neuroscience</i> , 2017, 37, 9288-9304.  | 1.7 | 19        |
| 36 | Spatial gene expression analysis of neuroanatomical differences in mouse models. <i>NeuroImage</i> , 2017, 163, 220-230.   | 2.1 | 18        |

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|----|---|-----|-----------|
| 37 | Length of axons expressing the serotonin transporter in orbitofrontal cortex is lower with age in depression. <i>Neuroscience</i> , 2017, 359, 30-39.   | 1.1 | 21        |
| 38 | Hemicholinium-3 sensitive choline transport in human T lymphocytes: Evidence for use as a proxy for brain choline transporter (CHT) capacity. <i>Neurochemistry International</i> , 2017, 108, 410-416.   | 1.9 | 2         |
| 39 | Metallo- $\beta$ -lactamase Domain-Containing Protein 1 (MBLAC1) Is a Specific, High-Affinity Target for the Glutamate Transporter Inducer Ceftriaxone. <i>ACS Chemical Neuroscience</i> , 2017, 8, 2132-2138.  | 1.7 | 12        |
| 40 | Impact of Maternal Serotonin Transporter Genotype on Placental Serotonin, Fetal Forebrain Serotonin, and Neurodevelopment. <i>Neuropsychopharmacology</i> , 2017, 42, 427-436.  | 2.8 | 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. <i>Journal of Neurodevelopmental Disorders</i> , 2017, 9, 38. | 1.5 | 8         |
| 42 | Choline transporter mutations in severe congenital myasthenic syndrome disrupt transporter localization. <i>Brain</i> , 2017, 140, 2838-2850.   | 3.7 | 24        |
| 43 | Differential impact of genetically modulated choline transporter expression on the release of endogenous versus newly synthesized acetylcholine. <i>Neurochemistry International</i> , 2016, 98, 138-145.   | 1.9 | 10        |
| 44 | Kinase-dependent Regulation of Monoamine Neurotransmitter Transporters. <i>Pharmacological Reviews</i> , 2016, 68, 888-953.   | 7.1 | 83        |
| 45 | Optimization of the choline transporter (CHT) inhibitor ML352: Development of VU6001221, an improved in vivo tool compound. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4637-4640.  | 1.0 | 3         |
| 46 | 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.   | 2.0 | 20        |
| 47 | 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        |
| 48 | Acute blockade of the <i>Caenorhabditis elegans</i> dopamine transporter DAT-1 by the mammalian norepinephrine transporter inhibitor nisoxetine reveals the influence of genetic modifications of dopamine signaling in vivo. <i>Neurochemistry International</i> , 2016, 98, 122-128.    | 1.9 | 7         |
| 49 | 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.   | 2.8 | 27        |
| 50 | Serotonin transporter variant drives preventable gastrointestinal abnormalities in development and function. <i>Journal of Clinical Investigation</i> , 2016, 126, 2221-2235.   | 3.9 | 112       |
| 51 | Generation and Characterization of Mice Expressing a Conditional Allele of the Interleukin-1 Receptor Type 1. <i>PLoS ONE</i> , 2016, 11, e0150068.   | 1.1 | 31        |
| 52 | Identification and Characterization of ML352: A Novel, Noncompetitive Inhibitor of the Presynaptic Choline Transporter. <i>ACS Chemical Neuroscience</i> , 2015, 6, 417-427.  | 1.7 | 21        |
| 53 | Cholinergic capacity mediates prefrontal engagement during challenges to attention: evidence from imaging genetics. <i>NeuroImage</i> , 2015, 108, 386-395.   | 2.1 | 44        |
| 54 | Disruption of Transient Serotonin Accumulation by Non-Serotonin-Producing Neurons Impairs Cortical Map Development. <i>Cell Reports</i> , 2015, 10, 346-358.  | 2.9 | 49        |

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|----|---|-----|-----------|
| 55 | Synthesis and structure-activity relationships of a series of 4-methoxy-3-(piperidin-4-yl)oxy benzamides as novel inhibitors of the presynaptic choline transporter. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1757-1760.     | 1.0 | 4         |
| 56 | 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.   | 1.7 | 39        |
| 57 | 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.                                    | 1.7 | 37        |
| 58 | Genetic variation in alpha2-adrenoreceptors and heart rate recovery after exercise. <i>Physiological Genomics</i> , 2015, 47, 400-406.  | 1.0 | 6         |
| 59 | Physical Interactions and Functional Relationships of Neuroligin 2 and Midbrain Serotonin Transporters. <i>Frontiers in Synaptic Neuroscience</i> , 2015, 7, 20.  | 1.3 | 15        |
| 60 | Serotonin Transporter-Independent Actions of the Antidepressant Vortioxetine as Revealed Using the SERT M172 Mouse. <i>FASEB Journal</i> , 2015, 29, 932.5.   | 0.2 | 0         |
| 61 | A Novel Approach to Cholinergic Signaling Modulation: Development and Characterization of ML352, a Novel, Noncompetitive Inhibitor of the Presynaptic Choline Transporter. <i>FASEB Journal</i> , 2015, 29, 932.6.                                | 0.2 | 0         |
| 62 | 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. | 3.3 | 59        |
| 63 | An open-source analytical platform for analysis of <i>C. elegans</i> swimming-induced paralysis. <i>Journal of Neuroscience Methods</i> , 2014, 232, 58-62.   | 1.3 | 8         |
| 64 | The brain in flux: Genetic, physiologic, and therapeutic perspectives on transporters in the CNS. <i>Neurochemistry International</i> , 2014, 73, 1-3.  | 1.9 | 2         |
| 65 | 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.   | 1.1 | 65        |
| 66 | 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.                       | 1.9 | 24        |
| 67 | Transgenic overexpression of the presynaptic choline transporter elevates acetylcholine levels and augments motor endurance. <i>Neurochemistry International</i> , 2014, 73, 217-228.   | 1.9 | 15        |
| 68 | 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.  | 1.9 | 60        |
| 69 | 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.  | 2.0 | 22        |
| 70 | 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.                | 2.0 | 15        |
| 71 | Genetic background modulates phenotypes of serotonin transporter Ala56 knock-in mice. <i>Molecular Autism</i> , 2013, 4, 35.  | 2.6 | 35        |
| 72 | 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.   | 2.6 | 23        |

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|----|---|------|-----------|
| 73 | A Dialogue between the Immune System and Brain, Spoken in the Language of Serotonin. <i>ACS Chemical Neuroscience</i> , 2013, 4, 48-63.   | 1.7  | 260       |
| 74 | The Presynaptic Choline Transporter Imposes Limits on Sustained Cortical Acetylcholine Release and Attention. <i>Journal of Neuroscience</i> , 2013, 33, 2326-2337.   | 1.7  | 57        |
| 75 | Phosphorylation of Dopamine Transporter Serine 7 Modulates Cocaine Analog Binding. <i>Journal of Biological Chemistry</i> , 2013, 288, 20-32.   | 1.6  | 47        |
| 76 | The SSRI Citalopram Affects Fetal Thalamic Axon Responsiveness to Netrin-1 In vitro Independently of SERT Antagonism. <i>Neuropsychopharmacology</i> , 2012, 37, 1879-1884.   | 2.8  | 26        |
| 77 | 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.  | 0.8  | 30        |
| 78 | 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.                                | 1.7  | 102       |
| 79 | 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. | 1.7  | 75        |
| 80 | Vesicular and Plasma Membrane Transporters for Neurotransmitters. <i>Cold Spring Harbor Perspectives in Biology</i> , 2012, 4, a005595-a005595.   | 2.3  | 126       |
| 81 | Nonisotopic Assay for the Presynaptic Choline Transporter Reveals Capacity for Allosteric Modulation of Choline Uptake. <i>ACS Chemical Neuroscience</i> , 2012, 3, 767-781.  | 1.7  | 19        |
| 82 | 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.   | 3.3  | 278       |
| 83 | Defective Presynaptic Choline Transport Underlies Hereditary Motor Neuropathy. <i>American Journal of Human Genetics</i> , 2012, 91, 1103-1107.   | 2.6  | 89        |
| 84 | Networking in Autism: Leveraging Genetic, Biomarker and Model System Findings in the Search for New Treatments. <i>Neuropsychopharmacology</i> , 2012, 37, 196-212.   | 2.8  | 109       |
| 85 | Visualization of the Cocaine-Sensitive Dopamine Transporter with Ligand-Conjugated Quantum Dots. <i>ACS Chemical Neuroscience</i> , 2011, 2, 370-378.   | 1.7  | 40        |
| 86 | A transient placental source of serotonin for the fetal forebrain. <i>Nature</i> , 2011, 472, 347-350.  | 13.7 | 475       |
| 87 | Genetic Indeterminism, the 5-HTTLPR, and the Paths Forward in Neuropsychiatric Genetics. <i>Archives of General Psychiatry</i> , 2011, 68, 457.   | 13.8 | 14        |
| 88 | 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.                               | 1.6  | 32        |
| 89 | 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.       | 3.3  | 56        |
| 90 | Colocalization and Regulated Physical Association of Presynaptic Serotonin Transporters with A <sub>3</sub> Adenosine Receptors. <i>Molecular Pharmacology</i> , 2011, 80, 458-465.   | 1.0  | 30        |

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|-----|--|-----|-----------|
| 91  | Dysregulation of Dopamine Transporters via Dopamine D <sub>2</sub> Autoreceptors Triggers Anomalous Dopamine Efflux Associated with Attention-Deficit Hyperactivity Disorder. <i>Journal of Neuroscience</i> , 2010, 30, 6048-6057.                        | 1.7 | 105       |
| 92  | Rab11 Supports Amphetamine-Stimulated Norepinephrine Transporter Trafficking. <i>Journal of Neuroscience</i> , 2010, 30, 7863-7877.  | 1.7 | 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. <i>Journal of Biological Chemistry</i> , 2010, 285, 11270-11280. | 1.6 | 31        |
| 94  | 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.   | 2.8 | 256       |
| 95  | Does Presynaptic GSK $\beta$ Signaling Play a Role in Bipolar Disorder: Studies of on Dopamine Transporter (DAT) Coding Variants. <i>FASEB Journal</i> , 2010, 24, 855.3.  | 0.2 | 0         |
| 96  | 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.                 | 3.3 | 89        |
| 97  | 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.  | 1.8 | 120       |
| 98  | 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.                                    | 1.5 | 43        |
| 99  | Choline transporter gene variation is associated with attention-deficit hyperactivity disorder. <i>Journal of Neurodevelopmental Disorders</i> , 2009, 1, 252-263.   | 1.5 | 61        |
| 100 | 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.   | 1.3 | 43        |
| 101 | Beyond Prozac: Generation and characterization of SSRI Insensitive Transgenic Mice. <i>FASEB Journal</i> , 2009, 23, 942.7.  | 0.2 | 0         |
| 102 | Anomalous Dopamine Release Associated with a Human Dopamine Transporter Coding Variant. <i>Journal of Neuroscience</i> , 2008, 28, 7040-7046.  | 1.7 | 119       |
| 103 | Functional Gene Variation in the Human Norepinephrine Transporter. <i>Annals of the New York Academy of Sciences</i> , 2008, 1129, 256-260.  | 1.8 | 35        |
| 104 | Going with the Flow: Trafficking-Dependent and -Independent Regulation of Serotonin Transport. <i>Traffic</i> , 2008, 9, 1393-1402.  | 1.3 | 109       |
| 105 | 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.               | 3.3 | 81        |
| 106 | Serotonin and Supermodels: Model-guided exploration of hSERT TM6. <i>FASEB Journal</i> , 2008, 22, .   | 0.2 | 0         |
| 107 | The Functional Impact of SLC6 Transporter Genetic Variation. <i>Annual Review of Pharmacology and Toxicology</i> , 2007, 47, 401-441.  | 4.2 | 114       |
| 108 | All Aglow about Presynaptic Receptor Regulation of Neurotransmitter Transporters. <i>Molecular Pharmacology</i> , 2007, 71, 1206-1208.   | 1.0 | 10        |



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|-----|--|-----|-----------|
| 109 | Hypoinsulinemia Regulates Amphetamine-Induced Reverse Transport of Dopamine. <i>PLoS Biology</i> , 2007, 5, e274.  | 2.6 | 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. <i>Molecular Pharmacology</i> , 2007, 71, 230-239.             | 1.0 | 50        |
| 111 | Rapid Stimulation of Presynaptic Serotonin Transport by A3 Adenosine Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 322, 332-340.   | 1.3 | 57        |
| 112 | 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.                                   | 1.7 | 108       |
| 113 | Calcium-dependent interactions of the human norepinephrine transporter with syntaxin 1A. <i>Molecular and Cellular Neurosciences</i> , 2007, 34, 251-260.  | 1.0 | 29        |
| 114 | The Proinflammatory Cytokines Interleukin-1beta and Tumor Necrosis Factor-Alpha Activate Serotonin Transporters. <i>Neuropsychopharmacology</i> , 2006, 31, 2121-2131.   | 2.8 | 461       |
| 115 | Dopamine Signaling Architecture in <i>Caenorhabditis elegans</i> . <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 591-616.   | 1.7 | 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. <i>Journal of Biological Chemistry</i> , 2006, 281, 2012-2023.  | 1.6 | 158       |
| 117 | Serotonin-, Protein Kinase C-, and Hic-5-associated Redistribution of the Platelet Serotonin Transporter. <i>Journal of Biological Chemistry</i> , 2006, 281, 24769-24780.   | 1.6 | 94        |
| 118 | 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.   | 1.7 | 47        |
| 119 | Na <sup>+</sup> , Cl <sup>-</sup> , 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.                  | 1.7 | 61        |
| 120 | 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. | 3.3 | 131       |
| 121 | A critical site in the human serotonin transporter defines Na <sup>+</sup> and Cl <sup>-</sup> dependence. <i>FASEB Journal</i> , 2006, 20, A242.  | 0.2 | 0         |
| 122 | A genetic screen in <i>Caenorhabditis elegans</i> for dopamine neuron insensitivity to 6-hydroxydopamine identifies dopamine transporter mutants impacting transporter biosynthesis and trafficking. <i>Journal of Neurochemistry</i> , 2005, 94, 774-785.       | 2.1 | 69        |
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| 124 | Evidence for Biphasic Effects of Protein Kinase C on Serotonin Transporter Function, Endocytosis, and Phosphorylation. <i>Molecular Pharmacology</i> , 2005, 67, 2077-2087.  | 1.0 | 107       |
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