

Jonathan A Javitch

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1146698/jonathan-a-javitch-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

263
papers

22,094
citations

84
h-index

143
g-index

307
ext. papers

24,488
ext. citations

9.7
avg, IF

6.66
L-index

#	Paper	IF	Citations
263	Parkinsonism-inducing neurotoxin, N-methyl-4-phenyl-1,2,3,6 -tetrahydropyridine: uptake of the metabolite N-methyl-4-phenylpyridine by dopamine neurons explains selective toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985 , 82, 2173-7	11.5	1024
262	Structure of the human dopamine D3 receptor in complex with a D2/D3 selective antagonist. <i>Science</i> , 2010 , 330, 1091-5	33.3	938
261	Functional selectivity and classical concepts of quantitative pharmacology. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 320, 1-13	4.7	870
260	Activation of the beta 2-adrenergic receptor involves disruption of an ionic lock between the cytoplasmic ends of transmembrane segments 3 and 6. <i>Journal of Biological Chemistry</i> , 2001 , 276, 29171-5	5.4	490
259	Structural Mimicry in G Protein-Coupled Receptors: Implications of the High-Resolution Structure of Rhodopsin for Structure-Function Analysis of Rhodopsin-Like Receptors. <i>Molecular Pharmacology</i> , 2001 , 60, 1-19	4.3	407
258	Amphetamine-induced loss of human dopamine transporter activity: an internalization-dependent and cocaine-sensitive mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 6850-5	11.5	317
257	Building a new conceptual framework for receptor heteromers. <i>Nature Chemical Biology</i> , 2009 , 5, 131-4	11.7	313
256	The mechanism of a neurotransmitter:sodium symporter--inward release of Na ⁺ and substrate is triggered by substrate in a second binding site. <i>Molecular Cell</i> , 2008 , 30, 667-77	17.6	308
255	The binding site of aminergic G protein-coupled receptors: the transmembrane segments and second extracellular loop. <i>Annual Review of Pharmacology and Toxicology</i> , 2002 , 42, 437-67	17.9	303
254	Allosteric communication between protomers of dopamine class A GPCR dimers modulates activation. <i>Nature Chemical Biology</i> , 2009 , 5, 688-95	11.7	294
253	Beta2 adrenergic receptor activation. Modulation of the proline kink in transmembrane 6 by a rotamer toggle switch. <i>Journal of Biological Chemistry</i> , 2002 , 277, 40989-96	5.4	288
252	Dopamine D2 receptors form higher order oligomers at physiological expression levels. <i>EMBO Journal</i> , 2008 , 27, 2293-304	13	286
251	Time-resolved FRET between GPCR ligands reveals oligomers in native tissues. <i>Nature Chemical Biology</i> , 2010 , 6, 587-94	11.7	277
250	Discovery of β arrestin-biased dopamine D2 ligands for probing signal transduction pathways essential for antipsychotic efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 18488-93	11.5	261
249	The binding sites for cocaine and dopamine in the dopamine transporter overlap. <i>Nature Neuroscience</i> , 2008 , 11, 780-9	25.5	260
248	International Union of Basic and Clinical Pharmacology. LXVII. Recommendations for the recognition and nomenclature of G protein-coupled receptor heteromultimers. <i>Pharmacological Reviews</i> , 2007 , 59, 5-13	22.5	255
247	Crosstalk in G protein-coupled receptors: changes at the transmembrane homodimer interface determine activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 17495-500	11.5	252

246	Substrate-modulated gating dynamics in a Na ⁺ -coupled neurotransmitter transporter homologue. <i>Nature</i> , 2011 , 474, 109-13	50.4	244
245	The fourth transmembrane segment forms the interface of the dopamine D2 receptor homodimer. <i>Journal of Biological Chemistry</i> , 2003 , 278, 4385-8	5.4	242
244	Uptake of MPP(+) by dopamine neurons explains selectivity of parkinsonism-inducing neurotoxin, MPTP. <i>European Journal of Pharmacology</i> , 1984 , 106, 455-6	5.3	242
243	A comprehensive structure-based alignment of prokaryotic and eukaryotic neurotransmitter/Na ⁺ symporters (NSS) aids in the use of the LeuT structure to probe NSS structure and function. <i>Molecular Pharmacology</i> , 2006 , 70, 1630-42	4.3	232
242	Roles of the Akt/GSK-3 and Wnt signaling pathways in schizophrenia and antipsychotic drug action. <i>American Journal of Psychiatry</i> , 2010 , 167, 388-96	11.9	228
241	Amphetamine induces dopamine efflux through a dopamine transporter channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 3495-500	11.5	217
240	Mitogen-activated protein kinase regulates dopamine transporter surface expression and dopamine transport capacity. <i>Journal of Neuroscience</i> , 2003 , 23, 8480-8	6.6	216
239	Single-molecule dynamics of gating in a neurotransmitter transporter homologue. <i>Nature</i> , 2010 , 465, 188-93	50.4	213
238	Treatment resistant depression: A multi-scale, systems biology approach. <i>Neuroscience and Biobehavioral Reviews</i> , 2018 , 84, 272-288	9	209
237	The role of kinetic context in apparent biased agonism at GPCRs. <i>Nature Communications</i> , 2016 , 7, 10842	17.4	206
236	Cyanine fluorophore derivatives with enhanced photostability. <i>Nature Methods</i> , 2011 , 9, 68-71	21.6	203
235	The second extracellular loop of the dopamine D2 receptor lines the binding-site crevice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 440-5	11.5	198
234	Mutation of a highly conserved aspartic acid in the beta2 adrenergic receptor: constitutive activation, structural instability, and conformational rearrangement of transmembrane segment 6. <i>Molecular Pharmacology</i> , 1999 , 56, 175-84	4.3	197
233	Detection of antigen interactions ex vivo by proximity ligation assay: endogenous dopamine D2-adenosine A2A receptor complexes in the striatum. <i>BioTechniques</i> , 2011 , 51, 111-8	2.5	193
232	Mechanism of chloride interaction with neurotransmitter:sodium symporters. <i>Nature</i> , 2007 , 449, 726-30	50.4	188
231	N-terminal phosphorylation of the dopamine transporter is required for amphetamine-induced efflux. <i>PLoS Biology</i> , 2004 , 2, E78	9.7	188
230	Calmodulin kinase II interacts with the dopamine transporter C terminus to regulate amphetamine-induced reverse transport. <i>Neuron</i> , 2006 , 51, 417-29	13.9	177
229	Symmetrical dimer of the human dopamine transporter revealed by cross-linking Cys-306 at the extracellular end of the sixth transmembrane segment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 10055-60	11.5	174

228	Mapping the binding-site crevice of the dopamine D2 receptor by the substituted-cysteine accessibility method. <i>Neuron</i> , 1995 , 14, 825-31	13.9	170
227	PI 3-kinase regulation of dopamine uptake. <i>Journal of Neurochemistry</i> , 2002 , 81, 859-69	6	168
226	Single-molecule analysis of ligand efficacy in β AR-G-protein activation. <i>Nature</i> , 2017 , 547, 68-73	50.4	164
225	Constitutive activation of the beta2 adrenergic receptor alters the orientation of its sixth membrane-spanning segment. <i>Journal of Biological Chemistry</i> , 1997 , 272, 18546-9	5.4	163
224	Synthetic and Receptor Signaling Explorations of the Mitragyna Alkaloids: Mitragynine as an Atypical Molecular Framework for Opioid Receptor Modulators. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6754-64	16.4	161
223	Binding of an octylglucoside detergent molecule in the second substrate (S2) site of LeuT establishes an inhibitor-bound conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 5563-8	11.5	160
222	The organic cation transporter-3 is a pivotal modulator of neurodegeneration in the nigrostriatal dopaminergic pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 8043-8	11.5	160
221	A cluster of aromatic residues in the sixth membrane-spanning segment of the dopamine D2 receptor is accessible in the binding-site crevice. <i>Biochemistry</i> , 1998 , 37, 998-1006	3.2	160
220	Reaction of oxidized dopamine with endogenous cysteine residues in the human dopamine transporter. <i>Journal of Neurochemistry</i> , 2001 , 76, 1242-51	6	158
219	Ion/substrate-dependent conformational dynamics of a bacterial homolog of neurotransmitter:sodium symporters. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 822-9	17.6	157
218	D2 receptors regulate dopamine transporter function via an extracellular signal-regulated kinases 1 and 2-dependent and phosphoinositide 3 kinase-independent mechanism. <i>Molecular Pharmacology</i> , 2007 , 71, 1222-32	4.3	153
217	Amphetamine-induced dopamine efflux. A voltage-sensitive and intracellular Na ⁺ -dependent mechanism. <i>Journal of Biological Chemistry</i> , 2003 , 278, 12070-7	5.4	152
216	The forgotten serine. A critical role for Ser-2035.42 in ligand binding to and activation of the beta 2-adrenergic receptor. <i>Journal of Biological Chemistry</i> , 2000 , 275, 37779-88	5.4	147
215	Cocaine increases dopamine uptake and cell surface expression of dopamine transporters. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 290, 1545-50	3.4	146
214	Flotillin-1 is essential for PKC-triggered endocytosis and membrane microdomain localization of DAT. <i>Nature Neuroscience</i> , 2011 , 14, 469-77	25.5	141
213	Monitoring the function of membrane transport proteins in detergent-solubilized form. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 3603-8	11.5	140
212	N-terminal truncation of the dopamine transporter abolishes phorbol ester- and substance P receptor-stimulated phosphorylation without impairing transporter internalization. <i>Journal of Biological Chemistry</i> , 2003 , 278, 4990-5000	5.4	138
211	Increasing dopamine D2 receptor expression in the adult nucleus accumbens enhances motivation. <i>Molecular Psychiatry</i> , 2013 , 18, 1025-33	15.1	137

210	Amphetamine and methamphetamine differentially affect dopamine transporters in vitro and in vivo. <i>Journal of Biological Chemistry</i> , 2009 , 284, 2978-2989	5.4	135
209	Molecular determinants of selectivity and efficacy at the dopamine D3 receptor. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 6689-99	8.3	131
208	Signaling pathways in schizophrenia: emerging targets and therapeutic strategies. <i>Trends in Pharmacological Sciences</i> , 2010 , 31, 381-90	13.2	128
207	Hetero-oligomerization of CCR2, CCR5, and CXCR4 and the protean effects of "selective" antagonists. <i>Journal of Biological Chemistry</i> , 2009 , 284, 31270-9	5.4	128
206	A cysteine residue in the third membrane-spanning segment of the human D2 dopamine receptor is exposed in the binding-site crevice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 10355-9	11.5	127
205	Paraquat neurotoxicity is mediated by the dopamine transporter and organic cation transporter-3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 20766-71	11.5	126
204	The Behavioral Effects of the Antidepressant Tianeptine Require the Mu-Opioid Receptor. <i>Neuropsychopharmacology</i> , 2017 , 42, 2052-2063	8.7	123
203	Akt is essential for insulin modulation of amphetamine-induced human dopamine transporter cell-surface redistribution. <i>Molecular Pharmacology</i> , 2005 , 68, 102-9	4.3	121
202	A mechanism for intracellular release of Na ⁺ by neurotransmitter/sodium symporters. <i>Nature Structural and Molecular Biology</i> , 2014 , 21, 1006-12	17.6	119
201	Cocaine alters the accessibility of endogenous cysteines in putative extracellular and intracellular loops of the human dopamine transporter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 9238-43	11.5	118
200	Residues in the seventh membrane-spanning segment of the dopamine D2 receptor accessible in the binding-site crevice. <i>Biochemistry</i> , 1996 , 35, 11278-85	3.2	116
199	Structural mimicry in G protein-coupled receptors: implications of the high-resolution structure of rhodopsin for structure-function analysis of rhodopsin-like receptors. <i>Molecular Pharmacology</i> , 2001 , 60, 1-19	4.3	114
198	Sodium-dependent neurotransmitter transporters: oligomerization as a determinant of transporter function and trafficking. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2004 , 4, 38-47		110
197	An intracellular interaction network regulates conformational transitions in the dopamine transporter. <i>Journal of Biological Chemistry</i> , 2008 , 283, 17691-701	5.4	108
196	Conformational dynamics of ligand-dependent alternating access in LeuT. <i>Nature Structural and Molecular Biology</i> , 2014 , 21, 472-9	17.6	102
195	Residues in the fifth membrane-spanning segment of the dopamine D2 receptor exposed in the binding-site crevice. <i>Biochemistry</i> , 1995 , 34, 16433-9	3.2	102
194	Crystal structure of a potassium ion transporter, TrkH. <i>Nature</i> , 2011 , 471, 336-40	50.4	101
193	The substrate-driven transition to an inward-facing conformation in the functional mechanism of the dopamine transporter. <i>PLoS ONE</i> , 2011 , 6, e16350	3.7	99

192	Human immunodeficiency virus (HIV) infection of human macrophages is increased by dopamine: a bridge between HIV-associated neurologic disorders and drug abuse. <i>American Journal of Pathology</i> , 2009 , 175, 1148-59	5.8	98
191	Syntaxin 1A interaction with the dopamine transporter promotes amphetamine-induced dopamine efflux. <i>Molecular Pharmacology</i> , 2008 , 74, 1101-8	4.3	98
190	The human dopamine transporter forms a tetramer in the plasma membrane: cross-linking of a cysteine in the fourth transmembrane segment is sensitive to cocaine analogs. <i>Journal of Biological Chemistry</i> , 2003 , 278, 45045-8	5.4	98
189	Extrapyramidal side effects of antipsychotics are linked to their association kinetics at dopamine D receptors. <i>Nature Communications</i> , 2017 , 8, 763	17.4	97
188	Identification of novel functionally selective μ opioid receptor scaffolds. <i>Molecular Pharmacology</i> , 2014 , 85, 83-90	4.3	95
187	A new mechanism of allostery in a G protein-coupled receptor dimer. <i>Nature Chemical Biology</i> , 2014 , 10, 745-52	11.7	95
186	CODA-RET reveals functional selectivity as a result of GPCR heteromerization. <i>Nature Chemical Biology</i> , 2011 , 7, 624-30	11.7	92
185	Peroxynitrite inactivates the human dopamine transporter by modification of cysteine 342: potential mechanism of neurotoxicity in dopamine neurons. <i>Journal of Neuroscience</i> , 2002 , 22, 4399-405	6.6	91
184	Dysregulation of dopamine transporters via dopamine D2 autoreceptors triggers anomalous dopamine efflux associated with attention-deficit hyperactivity disorder. <i>Journal of Neuroscience</i> , 2010 , 30, 6048-57	6.6	90
183	The uptake inhibitors cocaine and benztropine differentially alter the conformation of the human dopamine transporter. <i>Journal of Biological Chemistry</i> , 2001 , 276, 29012-8	5.4	88
182	Dopamine D4/D2 receptor selectivity is determined by A divergent aromatic microdomain contained within the second, third, and seventh membrane-spanning segments. <i>Molecular Pharmacology</i> , 1999 , 56, 1116-26	4.3	88
181	The ants go marching two by two: oligomeric structure of G-protein-coupled receptors. <i>Molecular Pharmacology</i> , 2004 , 66, 1077-82	4.3	85
180	[3H]mazindol binding associated with neuronal dopamine uptake sites in corpus striatum membranes. <i>European Journal of Pharmacology</i> , 1983 , 90, 461-2	5.3	84
179	PIP2 regulates psychostimulant behaviors through its interaction with a membrane protein. <i>Nature Chemical Biology</i> , 2014 , 10, 582-589	11.7	83
178	Evidence against dopamine D1/D2 receptor heteromers. <i>Molecular Psychiatry</i> , 2015 , 20, 1373-85	15.1	83
177	Experimental conditions can obscure the second high-affinity site in LeuT. <i>Nature Structural and Molecular Biology</i> , 2012 , 19, 207-11	17.6	82
176	6PGuanidinonaltrindole (6PGNTI) is a G protein-biased μ opioid receptor agonist that inhibits arrestin recruitment. <i>Journal of Biological Chemistry</i> , 2012 , 287, 27050-4	5.4	82
175	Antipsychotic drug mechanisms: links between therapeutic effects, metabolic side effects and the insulin signaling pathway. <i>Molecular Psychiatry</i> , 2008 , 13, 918-29	15.1	82

174	Intracellular Ca ²⁺ regulates amphetamine-induced dopamine efflux and currents mediated by the human dopamine transporter. <i>Molecular Pharmacology</i> , 2004 , 66, 137-43	4.3	81
173	Identification of intracellular residues in the dopamine transporter critical for regulation of transporter conformation and cocaine binding. <i>Journal of Biological Chemistry</i> , 2004 , 279, 3228-38	5.4	79
172	Regulation of dopamine transporter function and cell surface expression by D3 dopamine receptors. <i>Journal of Biological Chemistry</i> , 2007 , 282, 35842-54	5.4	78
171	G protein-coupled receptor kinase-mediated phosphorylation regulates post-endocytic trafficking of the D2 dopamine receptor. <i>Journal of Biological Chemistry</i> , 2009 , 284, 15038-51	5.4	77
170	State-dependent conformations of the translocation pathway in the tyrosine transporter Tyt1, a novel neurotransmitter:sodium symporter from <i>Fusobacterium nucleatum</i> . <i>Journal of Biological Chemistry</i> , 2006 , 281, 26444-54	5.4	77
169	Synergistic contributions of the functional groups of epinephrine to its affinity and efficacy at the beta2 adrenergic receptor. <i>Molecular Pharmacology</i> , 2004 , 65, 1181-90	4.3	77
168	Amphetamine regulation of dopamine transport. Combined measurements of transporter currents and transporter imaging support the endocytosis of an active carrier. <i>Journal of Biological Chemistry</i> , 2004 , 279, 8966-75	5.4	77
167	Characterization of a functional bacterial homologue of sodium-dependent neurotransmitter transporters. <i>Journal of Biological Chemistry</i> , 2003 , 278, 12703-9	5.4	77
166	Dual agonist occupancy of AT1-R- α C-AR heterodimers results in atypical Gs-PKA signaling. <i>Nature Chemical Biology</i> , 2015 , 11, 271-9	11.7	76
165	7-Hydroxymitragynine Is an Active Metabolite of Mitragynine and a Key Mediator of Its Analgesic Effects. <i>ACS Central Science</i> , 2019 , 5, 992-1001	16.8	75
164	What can crystal structures of aminergic receptors tell us about designing subtype-selective ligands?. <i>Pharmacological Reviews</i> , 2015 , 67, 198-213	22.5	75
163	The atypical antidepressant and neurorestorative agent tianeptine is a μ opioid receptor agonist. <i>Translational Psychiatry</i> , 2014 , 4, e411	8.6	74
162	Surface targeting of the dopamine transporter involves discrete epitopes in the distal C terminus but does not require canonical PDZ domain interactions. <i>Journal of Neuroscience</i> , 2004 , 24, 7024-36	6.6	72
161	GPCR-OKB: the G Protein Coupled Receptor Oligomer Knowledge Base. <i>Bioinformatics</i> , 2010 , 26, 1804-57.2	7.2	71
160	Mechanisms of amphetamine action illuminated through optical monitoring of dopamine synaptic vesicles in <i>Drosophila</i> brain. <i>Nature Communications</i> , 2016 , 7, 10652	17.4	70
159	Electrostatic and aromatic microdomains within the binding-site crevice of the D2 receptor: contributions of the second membrane-spanning segment. <i>Biochemistry</i> , 1999 , 38, 7961-8	3.2	68
158	Crystal structure of a phosphorylation-coupled saccharide transporter. <i>Nature</i> , 2011 , 473, 50-4	50.4	67
157	Making structural sense of dimerization interfaces of delta opioid receptor homodimers. <i>Biochemistry</i> , 2011 , 50, 1682-90	3.2	66

156	Chloride binding site of neurotransmitter sodium symporters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 8489-94	11.5	65
155	The fourth transmembrane segment of the dopamine D2 receptor: accessibility in the binding-site crevice and position in the transmembrane bundle. <i>Biochemistry</i> , 2000 , 39, 12190-9	3.2	64
154	CrossTalk opposing view: Weighing the evidence for class A GPCR dimers, the jury is still out. <i>Journal of Physiology</i> , 2014 , 592, 2443-5	3.9	63
153	Impact of D2 receptor internalization on binding affinity of neuroimaging radiotracers. <i>Neuropsychopharmacology</i> , 2010 , 35, 806-17	8.7	63
152	Dopamine-mediated autocrine inhibitory circuit regulating human insulin secretion in vitro. <i>Molecular Endocrinology</i> , 2012 , 26, 1757-72		61
151	Recruitment of beta-arrestin2 to the dopamine D2 receptor: insights into anti-psychotic and anti-parkinsonian drug receptor signaling. <i>Neuropharmacology</i> , 2008 , 54, 1215-22	5.5	61
150	Discovery and characterization of a G protein-biased agonist that inhibits β arrestin recruitment to the D2 dopamine receptor. <i>Molecular Pharmacology</i> , 2014 , 86, 96-105	4.3	59
149	G protein-coupled receptor kinase-2 constitutively regulates D2 dopamine receptor expression and signaling independently of receptor phosphorylation. <i>Journal of Biological Chemistry</i> , 2009 , 284, 34103-15	5.4	58
148	Regulation of dopamine transporter trafficking by intracellular amphetamine. <i>Molecular Pharmacology</i> , 2006 , 70, 542-8	4.3	57
147	A juxtamembrane mutation in the N terminus of the dopamine transporter induces preference for an inward-facing conformation. <i>Molecular Pharmacology</i> , 2009 , 75, 514-24	4.3	56
146	The first transmembrane segment of the dopamine D2 receptor: accessibility in the binding-site crevice and position in the transmembrane bundle. <i>Biochemistry</i> , 2001 , 40, 12339-48	3.2	56
145	Mechanisms of inverse agonism of antipsychotic drugs at the D(2) dopamine receptor: use of a mutant D(2) dopamine receptor that adopts the activated conformation. <i>Journal of Neurochemistry</i> , 2001 , 77, 493-504	6	55
144	Discovery of a novel selective kappa-opioid receptor agonist using crystal structure-based virtual screening. <i>Journal of Chemical Information and Modeling</i> , 2013 , 53, 521-6	6.1	54
143	Currents in response to rapid concentration jumps of amphetamine uncover novel aspects of human dopamine transporter function. <i>Journal of Neuroscience</i> , 2008 , 28, 976-89	6.6	54
142	Structure and functional interaction of the extracellular domain of human GABA(B) receptor GBR2. <i>Nature Neuroscience</i> , 2012 , 15, 970-8	25.5	53
141	Imaging the high-affinity state of the dopamine D2 receptor in vivo: fact or fiction?. <i>Biochemical Pharmacology</i> , 2012 , 83, 193-8	6	51
140	Transport-dependent accessibility of a cytoplasmic loop cysteine in the human dopamine transporter. <i>Journal of Biological Chemistry</i> , 2000 , 275, 1608-14	5.4	51
139	The tetrahydroisoquinoline derivative SB269,652 is an allosteric antagonist at dopamine D3 and D2 receptors. <i>Molecular Pharmacology</i> , 2010 , 78, 925-34	4.3	49

138	Accumbens dopamine D2 receptors increase motivation by decreasing inhibitory transmission to the ventral pallidum. <i>Nature Communications</i> , 2018 , 9, 1086	17.4	48
137	Substrate-dependent proton antiport in neurotransmitter:sodium symporters. <i>Nature Chemical Biology</i> , 2010 , 6, 109-16	11.7	48
136	Use of the substituted cysteine accessibility method to study the structure and function of G protein-coupled receptors. <i>Methods in Enzymology</i> , 2002 , 343, 137-56	1.7	48
135	Development and Antiparkinsonian Activity of VU0418506, a Selective Positive Allosteric Modulator of Metabotropic Glutamate Receptor 4 Homomers without Activity at mGlu2/4 Heteromers. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 1201-11	5.7	47
134	Presynaptic regulation of dopamine transmission in schizophrenia. <i>Schizophrenia Bulletin</i> , 2011 , 37, 108-113		47
133	Probing structure of neurotransmitter transporters by substituted-cysteine accessibility method. <i>Methods in Enzymology</i> , 1998 , 296, 331-46	1.7	46
132	A single glycine in extracellular loop 1 is the critical determinant for pharmacological specificity of dopamine D2 and D3 receptors. <i>Molecular Pharmacology</i> , 2013 , 84, 854-64	4.3	45
131	Cholinergic agonists as novel treatments for schizophrenia: the promise of rational drug development for psychiatry. <i>American Journal of Psychiatry</i> , 2008 , 165, 931-6	11.9	45
130	Dopamine receptor activation increases HIV entry into primary human macrophages. <i>PLoS ONE</i> , 2014 , 9, e108232	3.7	45
129	Optical Control of Dopamine Receptors Using a Photoswitchable Tethered Inverse Agonist. <i>Journal of the American Chemical Society</i> , 2017 , 139, 18522-18535	16.4	43
128	Neuronal Depolarization Drives Increased Dopamine Synaptic Vesicle Loading via VGLUT. <i>Neuron</i> , 2017 , 95, 1074-1088.e7	13.9	42
127	Mechanism of the Association between Na ⁺ Binding and Conformations at the Intracellular Gate in Neurotransmitter:Sodium Symporters. <i>Journal of Biological Chemistry</i> , 2015 , 290, 13992-4003	5.4	41
126	Regional Heterogeneity of D2-Receptor Signaling in the Dorsal Striatum and Nucleus Accumbens. <i>Neuron</i> , 2018 , 98, 575-587.e4	13.9	41
125	How did the neurotransmitter cross the bilayer? A closer view. <i>Current Opinion in Neurobiology</i> , 2005 , 15, 296-304	7.6	37
124	Metabotropic Glutamate Receptor 5 and Glutamate Involvement in Major Depressive Disorder: A Multimodal Imaging Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017 , 2, 449-456	2.4	36
123	Electronic tuning of self-healing fluorophores for live-cell and single-molecule imaging. <i>Chemical Science</i> , 2017 , 8, 755-762	9.4	36
122	Structure-activity relationships for a novel series of citalopram (1-(3-(dimethylamino)propyl)-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carbonitrile) analogues at monoamine transporters. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 6112-21	8.3	36
121	A pincer-like configuration of TM2 in the human dopamine transporter is responsible for indirect effects on cocaine binding. <i>Neuropharmacology</i> , 2005 , 49, 780-90	5.5	36

120	Probing conformational changes in neurotransmitter transporters: a structural context. <i>European Journal of Pharmacology</i> , 2003 , 479, 3-12	5.3	36
119	Potentiating SLC transporter activity: Emerging drug discovery opportunities. <i>Biochemical Pharmacology</i> , 2017 , 135, 1-11	6	35
118	High Affinity Dopamine D3 Receptor (D3R)-Selective Antagonists Attenuate Heroin Self-Administration in Wild-Type but not D3R Knockout Mice. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 6195-213	8.3	35
117	Upregulation of dopamine D2 receptors in the nucleus accumbens indirect pathway increases locomotion but does not reduce alcohol consumption. <i>Neuropsychopharmacology</i> , 2015 , 40, 1609-18	8.7	34
116	In vivo variation in same-day estimates of metabotropic glutamate receptor subtype 5 binding using [C]ABP688 and [F]FPEB. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 2716-2727	7.3	34
115	PI3K signaling supports amphetamine-induced dopamine efflux. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 372, 656-61	3.4	34
114	Toward Understanding the Structural Basis of Partial Agonism at the Dopamine D Receptor. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 580-593	8.3	33
113	Genetically Targeted Optical Control of an Endogenous G Protein-Coupled Receptor. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11522-11530	16.4	32
112	Structure of human GABA receptor in an inactive state. <i>Nature</i> , 2020 , 584, 304-309	50.4	32
111	Using Bioluminescence Resonance Energy Transfer (BRET) to Characterize Agonist-Induced Arrestin Recruitment to Modified and Unmodified G Protein-Coupled Receptors. <i>Current Protocols in Pharmacology</i> , 2015 , 70, 2.14.1-2.14.14	4.1	32
110	The conserved cysteine 7.38 residue is differentially accessible in the binding-site crevices of the mu, delta, and kappa opioid receptors. <i>Biochemistry</i> , 2000 , 39, 13904-15	3.2	32
109	Arrestin recruitment to dopamine D2 receptor mediates locomotion but not incentive motivation. <i>Molecular Psychiatry</i> , 2020 , 25, 2086-2100	15.1	32
108	Zn(2+) site engineering at the oligomeric interface of the dopamine transporter. <i>FEBS Letters</i> , 2002 , 524, 87-91	3.8	31
107	Comparison of the amino acid residues in the sixth transmembrane domains accessible in the binding-site crevices of mu, delta, and kappa opioid receptors. <i>Biochemistry</i> , 2001 , 40, 8018-29	3.2	30
106	Chloroethylclonidine and 2-aminoethyl methanethiosulfonate recognize two different conformations of the human alpha(2A)-adrenergic receptor. <i>Journal of Biological Chemistry</i> , 1999 , 274, 21867-72	5.4	30
105	Single-molecule FRET imaging of GPCR dimers in living cells. <i>Nature Methods</i> , 2021 , 18, 397-405	21.6	30
104	New roles for dopamine D and D receptors in pancreatic beta cell insulin secretion. <i>Molecular Psychiatry</i> , 2020 , 25, 2070-2085	15.1	30
103	The membrane protein LeuT in micellar systems: aggregation dynamics and detergent binding to the S2 site. <i>Journal of the American Chemical Society</i> , 2013 , 135, 14266-75	16.4	29

102	Substrate-induced unlocking of the inner gate determines the catalytic efficiency of a neurotransmitter:sodium symporter. <i>Journal of Biological Chemistry</i> , 2015 , 290, 26725-38	5.4	28
101	A partially-open inward-facing intermediate conformation of LeuT is associated with Na release and substrate transport. <i>Nature Communications</i> , 2018 , 9, 230	17.4	28
100	Yohimbine depresses excitatory transmission in BNST and impairs extinction of cocaine place preference through orexin-dependent, norepinephrine-independent processes. <i>Neuropsychopharmacology</i> , 2012 , 37, 2253-66	8.7	28
99	Cannabinoid CB1 and CB2 Receptor-Mediated Arrestin Translocation: Species, Subtype, and Agonist-Dependence. <i>Frontiers in Pharmacology</i> , 2019 , 10, 350	5.6	26
98	Novel Analogues of (R)-5-(Methylamino)-5,6-dihydro-4H-imidazo[4,5,1-ij]quinolin-2(1H)-one (Sumanitrole) Provide Clues to Dopamine D2/D3 Receptor Agonist Selectivity. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 2973-88	8.3	26
97	Segregation of family A G protein-coupled receptor protomers in the plasma membrane. <i>Molecular Pharmacology</i> , 2013 , 84, 346-52	4.3	25
96	Gs-versus Golf-dependent functional selectivity mediated by the dopamine D receptor. <i>Nature Communications</i> , 2018 , 9, 486	17.4	24
95	Mutation of three residues in the third intracellular loop of the dopamine D2 receptor creates an internalization-defective receptor. <i>Journal of Biological Chemistry</i> , 2014 , 289, 33663-75	5.4	24
94	Akt-dependent and isoform-specific regulation of dopamine transporter cell surface expression. <i>ACS Chemical Neuroscience</i> , 2010 , 1, 476-81	5.7	24
93	Dopamine D2 Receptors in the Paraventricular Thalamus Attenuate Cocaine Locomotor Sensitization. <i>ENeuro</i> , 2017 , 4,	3.9	22
92	Quantifying secondary transport at single-molecule resolution. <i>Nature</i> , 2019 , 575, 528-534	50.4	22
91	Do Toxic Synthetic Cannabinoid Receptor Agonists Have Signature In Vitro Activity Profiles? A Case Study of AMB-FUBINACA. <i>ACS Chemical Neuroscience</i> , 2019 , 10, 4350-4360	5.7	21
90	Evidence for limited D1 and D2 receptor coexpression and colocalization within the dorsal striatum of the neonatal mouse. <i>Journal of Comparative Neurology</i> , 2015 , 523, 1175-89	3.4	21
89	Two allelic isoforms of the serotonin transporter from <i>Schistosoma mansoni</i> display electrogenic transport and high selectivity for serotonin. <i>European Journal of Pharmacology</i> , 2009 , 616, 48-57	5.3	21
88	Dopamine prevents nitration of tyrosine hydroxylase by peroxynitrite and nitrogen dioxide: is nitrotyrosine formation an early step in dopamine neuronal damage?. <i>Journal of Biological Chemistry</i> , 2003 , 278, 28736-42	5.4	21
87	Ribosome-associated vesicles: A dynamic subcompartment of the endoplasmic reticulum in secretory cells. <i>Science Advances</i> , 2020 , 6, eaay9572	14.3	20
86	Characterization of in vivo pharmacokinetic properties of the dopamine D1 receptor agonist DAR-0100A in nonhuman primates using PET with [11C] NNC112 and [11C] raclopride. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011 , 31, 293-304	7.3	19
85	The structural determinants of the bitopic binding mode of a negative allosteric modulator of the dopamine D receptor. <i>Biochemical Pharmacology</i> , 2018 , 148, 315-328	6	18

84	Development of a Rapid Insulin Assay by Homogenous Time-Resolved Fluorescence. <i>PLoS ONE</i> , 2016 , 11, e0148684	3.7	18
83	Distinct inactive conformations of the dopamine D2 and D3 receptors correspond to different extents of inverse agonism. <i>ELife</i> , 2020 , 9,	8.9	18
82	The role of transmembrane segment 5 (TM5) in Na ² release and the conformational transition of neurotransmitter:sodium symporters toward the inward-open state. <i>Journal of Biological Chemistry</i> , 2017 , 292, 7372-7384	5.4	17
81	Tuning the Baird aromatic triplet-state energy of cyclooctatetraene to maximize the self-healing mechanism in organic fluorophores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 24305-24315	11.5	17
80	Dopamine D2 receptor overexpression in the nucleus accumbens core induces robust weight loss during scheduled fasting selectively in female mice. <i>Molecular Psychiatry</i> , 2021 , 26, 3765-3777	15.1	17
79	Conformational Dynamics on the Extracellular Side of LeuT Controlled by Na ⁺ and K ⁺ Ions and the Protonation State of Glu290. <i>Journal of Biological Chemistry</i> , 2016 , 291, 19786-99	5.4	16
78	The allosteric mechanism of substrate-specific transport in SLC6 is mediated by a volumetric sensor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 15947-15956	11.5	16
77	Controlling opioid receptor functional selectivity by targeting distinct subpockets of the orthosteric site. <i>ELife</i> , 2021 , 10,	8.9	16
76	X-ray structure of LeuT in an inward-facing occluded conformation reveals mechanism of substrate release. <i>Nature Communications</i> , 2020 , 11, 1005	17.4	15
75	Signalling profiles of a structurally diverse panel of synthetic cannabinoid receptor agonists. <i>Biochemical Pharmacology</i> , 2020 , 175, 113871	6	15
74	Differential visualization of dopamine D2 and D3 receptors in rat brain. <i>European Journal of Pharmacology</i> , 1993 , 234, 269-72	5.3	15
73	The E2.65A mutation disrupts dynamic binding poses of SB269652 at the dopamine D2 and D3 receptors. <i>PLoS Computational Biology</i> , 2018 , 14, e1005948	5	15
72	The LeuT-fold neurotransmitter:sodium symporter MhsT has two substrate sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E7924-E7931	11.5	14
71	Molecular Determinants of the Intrinsic Efficacy of the Antipsychotic Aripiprazole. <i>ACS Chemical Biology</i> , 2019 , 14, 1780-1792	4.9	14
70	The action of a negative allosteric modulator at the dopamine D receptor is dependent upon sodium ions. <i>Scientific Reports</i> , 2018 , 8, 1208	4.9	13
69	Mapping the binding-site crevice of the D2 receptor. <i>Advances in Pharmacology</i> , 1998 , 42, 412-5	5.7	13
68	Agonist-induced formation of unproductive receptor-G complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 21723-21730	11.5	13
67	Come Fly with Me: An overview of dopamine receptors in <i>Drosophila melanogaster</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020 , 126 Suppl 6, 56-65	3.1	13

66	Rebuttal from Nevin A. Lambert and Jonathan A. Javitch. <i>Journal of Physiology</i> , 2014 , 592, 2449	3.9	12
65	G12/13 is activated by acute tethered agonist exposure in the adhesion GPCR ADGRL3. <i>Nature Chemical Biology</i> , 2020 , 16, 1343-1350	11.7	12
64	Intramolecular cross-linking in a bacterial homolog of mammalian SLC6 neurotransmitter transporters suggests an evolutionary conserved role of transmembrane segments 7 and 8. <i>Neuropharmacology</i> , 2005 , 49, 715-23	5.5	11
63	Role of Tau Protein in Remodeling of Circadian Neuronal Circuits and Sleep. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 320	5.3	11
62	Role of Annular Lipids in the Functional Properties of Leucine Transporter LeuT Proteomicelles. <i>Biochemistry</i> , 2016 , 55, 850-9	3.2	10
61	Luciferase complementation based-detection of G-protein-coupled receptor activity. <i>BioTechniques</i> , 2018 , 65, 9-14	2.5	10
60	Conformational changes in dopamine transporter intracellular regions upon cocaine binding and dopamine translocation. <i>Neurochemistry International</i> , 2014 , 73, 4-15	4.4	10
59	[3H]MFZ 2-12: a novel radioligand for the dopamine transporter. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 1659-61	2.9	10
58	A Novel Mitragynine Analog with Low-Efficacy Mu Opioid Receptor Agonism Displays Antinociception with Attenuated Adverse Effects. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 13873-13892	8.3	10
57	The differential actions of clozapine and other antipsychotic drugs on the translocation of dopamine D2 receptors to the cell surface. <i>Journal of Biological Chemistry</i> , 2019 , 294, 5604-5615	5.4	9
56	Site selective C-H functionalization of Mitragyna alkaloids reveals a molecular switch for tuning opioid receptor signaling efficacy. <i>Nature Communications</i> , 2021 , 12, 3858	17.4	9
55	Development of novel biosensors to study receptor-mediated activation of the G-protein β subunits G and G. <i>Journal of Biological Chemistry</i> , 2017 , 292, 19989-19998	5.4	8
54	The substituted-cysteine accessibility method (SCAM) to elucidate membrane protein structure. <i>Current Protocols in Neuroscience</i> , 2001 , Chapter 4, Unit 4.15	2.7	8
53	Exploring the binding site crevice of a family B G protein-coupled receptor, the type 1 corticotropin releasing factor receptor. <i>Molecular Pharmacology</i> , 2010 , 78, 785-93	4.3	7
52	Phosphorylation of the Amino Terminus of the Dopamine Transporter: Regulatory Mechanisms and Implications for Amphetamine Action. <i>Advances in Pharmacology</i> , 2018 , 82, 205-234	5.7	6
51	A role for information collection, management, and integration in structure-function studies of G-protein coupled receptors. <i>Current Pharmaceutical Design</i> , 2006 , 12, 1771-83	3.3	6
50	Input-specific regulation of glutamatergic synaptic transmission in the medial prefrontal cortex by mGlu/mGlu receptor heterodimers. <i>Science Signaling</i> , 2021 , 14,	8.8	5
49	New phosphosite-specific antibodies to unravel the role of GRK phosphorylation in dopamine D receptor regulation and signaling. <i>Scientific Reports</i> , 2021 , 11, 8288	4.9	5

48	Cortical overgrowth in a preclinical forebrain organoid model of CNTNAP2-associated autism spectrum disorder. <i>Nature Communications</i> , 2021 , 12, 4087	17.4	5
47	A novel luminescence-based β arrestin recruitment assay for unmodified receptors. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100503	5.4	5
46	Phospho-specific antibodies targeting the amino terminus of the human dopamine transporter. <i>Journal of Chemical Neuroanatomy</i> , 2017 , 83-84, 91-98	3.2	4
45	Oligomerization Domains of G Protein-Coupled Receptors 2005 , 243-265		4
44	A non-helical region in transmembrane helix 6 of hydrophobic amino acid transporter MhsT mediates substrate recognition. <i>EMBO Journal</i> , 2021 , 40, e105164	13	4
43	Detecting G protein-coupled receptor complexes in postmortem human brain with proximity ligation assay and a Bayesian classifier. <i>BioTechniques</i> , 2020 , 68, 122-129	2.5	4
42	Measuring the effects of ketamine on mGluR5 using [F]FPEB and PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020 , 40, 2254-2264	7.3	4
41	Detection of G Protein-Coupled Receptor Complexes in Postmortem Human Brain by Proximity Ligation Assay. <i>Current Protocols in Neuroscience</i> , 2020 , 91, e86	2.7	3
40	Drs. Lieberman, Javitch, and Moore Reply. <i>American Journal of Psychiatry</i> , 2009 , 166, 111-113	11.9	3
39	Dopamine D2 receptors modulate the cholinergic pause and inhibitory learning. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
38	Disrupting D1-NMDA or D2-NMDA receptor heteromerization prevents cocaine's rewarding effects but preserves natural reward processing. <i>Science Advances</i> , 2021 , 7, eabg5970	14.3	3
37	Structural Basis of Dopamine Receptor Activation 2010 , 47-73		3
36	Synthesis and pharmacological evaluation of bivalent tethered ligands to target the mGlu heterodimeric receptor results in a compound with mGlu homodimer selectivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127212	2.9	3
35	Novel Fluorescent Ligands Enable Single-Molecule Localization Microscopy of the Dopamine Transporter. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 3288-3300	5.7	3
34	Crystal structures of LeuT reveal conformational dynamics in the outward-facing states. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100609	5.4	3
33	Exploring Substrate Binding in the Extracellular Vestibule of MhsT by Atomistic Simulations and Markov Models. <i>Journal of Chemical Information and Modeling</i> , 2018 , 58, 1244-1252	6.1	3
32	Mu opioid receptors on hippocampal GABAergic interneurons are critical for the antidepressant effects of tianeptine. <i>Neuropsychopharmacology</i> , 2021 ,	8.7	3
31	Extreme Vetting of Dopamine Receptor Oligomerization 2017 , 99-127		2

30	Delineating the interactions between the cannabinoid CB receptor and its regulatory effectors; β arrestins and G protein-coupled receptor kinases. <i>British Journal of Pharmacology</i> , 2021 ,	8.6	2
29	Dopamine D2 receptors modulate the cholinergic pause and inhibitory learning		2
28	How changes in dopamine D2 receptor levels alter striatal circuit function and motivation. <i>Molecular Psychiatry</i> , 2021 ,	15.1	2
27	Sensing conformational changes in metabotropic glutamate receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 5742-3	11.5	1
26	TRAC: A Platform for Structure-Function Studies of NSS-Proteins Integrates Information from Bioinformatics and Biomedical Literature 2010 ,		1
25	A Structural Context for Studying Neurotransmitter Transporter Function 2004 , 213-234		1
24	Distinct antagonist-bound inactive states underlie the divergence in the structures of the dopamine D2 and D3 receptors		1
23	Conformational Plasticity of GPCR Binding Sites 2005 , 363-388		1
22	A novel luminescence-based β arrestin membrane recruitment assay for unmodified GPCRs		1
21	Getting to grips with ammonium. <i>ELife</i> , 2013 , 2, e01029	8.9	1
20	Novel Class of Psychedelic Iboga Alkaloids Disrupts Opioid Addiction States		1
19	The Role of the Dopamine Transporter in the Effects of Amphetamine on Sleep and Sleep Architecture in <i>Drosophila</i> . <i>Neurochemical Research</i> , 2021 , 1	4.6	1
18	Reply to β Antipsychotics with similar association kinetics at dopamine D receptors differ in extrapyramidal side-effects? <i>Nature Communications</i> , 2018 , 9, 3568	17.4	1
17	Tianeptine, but not fluoxetine, decreases avoidant behavior in a mouse model of early developmental exposure to fluoxetine. <i>Scientific Reports</i> , 2021 , 11, 22852	4.9	0
16	Assays for detecting arrestin interaction with GPCRs. <i>Methods in Cell Biology</i> , 2021 , 166, 43-65	1.8	0
15	OZITX, a pertussis toxin-like protein for occluding inhibitory G protein signalling including G β	6.7	0
14	Cross-Talk between G Protein-Coupled Receptors: Challenges of Distinguishing Upstream from Downstream Mechanisms 2014 , 93-94		
13	Chapter 12: Crosstalk Between Receptors: Challenges of Distinguishing Upstream from Downstream Mechanisms. <i>RSC Drug Discovery Series</i> , 2011 , 255-268	0.6	

12 Substituted Cysteine Accessibility Method (SCAM)229-250

11 The Binding Pocket of G-Protein-Coupled Receptors for Biogenic Amines, Retinal, and Other Ligands **2003**, 155-160

10 Transmembrane five effects on functional selectivity at the dopamine D2L receptor. *FASEB Journal*, **2006**, 20, A246 0.9

9 Identification of intracellular residues in the dopamine transporter critical for regulation of transporter conformation and cocaine binding. VOLUME 279 (2004) PAGES 3228-3238. *Journal of Biological Chemistry*, **2006**, 281, 25867-25868 5.4

8 Imaging Functional Dynamic Processes within Integral Membrane Proteins at the Single-Molecule Scale. *FASEB Journal*, **2015**, 29, 498.3 0.9

7 Lipid rafts and membrane cholesterol are involved in regulating D2 dopamine receptor signaling. *FASEB Journal*, **2010**, 24, 584.1 0.9

6 Towards Better Understanding of G(s) Coupling in Catecholamine Receptors **2014**, 89-90

5 The Membrane-Raft Protein Flotillin-1 is Essential in Dopamine Neurons for Amphetamine-Induced Behavior in *Drosophila* **2014**, 58

4 Deciphering the Functionally Selective Properties of D2R Ligands **2014**, 110

3 High-Throughput Screening for Modulators of the D2 Dopamine Receptor Yields Unique and Selective Pharmacological Chemotypes **2014**, 115

2 Encephalopathy-causing mutations in G β 1 alter regulation of neuronal GIRK channels. *iScience*, **2021**, 24, 103018 6.1

1 Functional Genomic Analysis of Amphetamine Sensitivity in .. *Frontiers in Psychiatry*, **2022**, 13, 831597 5