

Jonathan L Katz

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2906533/jonathan-l-katz-publications-by-year.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.

211
papers

6,026
citations

43
h-index

62
g-index

220
ext. papers

6,440
ext. citations

5.1
avg, IF

5.48
L-index

#	Paper	IF	Citations
211	Physiological dependence to mitragynine indicated by a rapid cross-dependence procedure with heroin-dependent mice. <i>Psychopharmacology</i> , 2022 , 239, 897	4.7	0
210	Modafinil potentiates cocaine self-administration by a dopamine-independent mechanism: possible involvement of gap junctions. <i>Neuropsychopharmacology</i> , 2020 , 45, 1518-1526	8.7	3
209	The Intriguing Effects of Substituents in the -Phenethyl Moiety of Norhydromorphone: A Bifunctional Opioid from a Set of "Tail Wags Dog" Experiments. <i>Molecules</i> , 2020 , 25,	4.8	3
208	Exploring 1-adamantanamine as an alternative amine moiety for metabolically labile azepane ring in newly synthesized benzo[<i>b</i>]thiazol-2(3 <i>H</i>)one μ receptor ligands. <i>Medicinal Chemistry Research</i> , 2020 , 29, 1697-1706	2.2	3
207	Gap Junctions Modulate The Effects Of Modafinil On Cocaine Self-Administration Behavior In A Dopamine-Independent Fashion In Rats. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
206	A further assessment of a role for Toll-like receptor 4 in the reinforcing and reinstating effects of opioids. <i>Behavioural Pharmacology</i> , 2020 , 31, 186-195	2.4	7
205	A behavioral economic analysis of the effects of rimcazole on reinforcing effects of cocaine injection and food presentation in rats. <i>Psychopharmacology</i> , 2019 , 236, 3601-3612	4.7	
204	Punishment and the potential for negative reinforcement with histamine injection. <i>Journal of the Experimental Analysis of Behavior</i> , 2018 , 109, 365-379	2.1	6
203	Behavioral economic analysis of the effects of N-substituted bupropion analogs on cocaine self-administration in rats. <i>Psychopharmacology</i> , 2018 , 235, 47-58	4.7	8
202	Abuse liability of mitragynine assessed with a self-administration procedure in rats. <i>Psychopharmacology</i> , 2018 , 235, 2823-2829	4.7	49
201	Pharmacokinetic and pharmacodynamic analysis of d-amphetamine in an attention task in rodents. <i>Behavioural Pharmacology</i> , 2018 , 29, 551-556	2.4	6
200	Vigilance demand and the effects of stimulant drugs in a five-choice reaction-time procedure in mice. <i>Behavioural Pharmacology</i> , 2018 , 29, 701-708	2.4	1
199	Dopamine Transporter Dynamics of α -Substituted Bupropion Analogs with Atypical Behavioral Effects. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 366, 527-540	4.7	5
198	μ Receptor Effects of N-Substituted Bupropion Analogs: Implications for Antagonism of Cocaine Self-Administration. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017 , 362, 2-13	4.7	9
197	Modulation of opioid receptor affinity and efficacy via N-substitution of 9-hydroxy-5-(3-hydroxyphenyl)morphan: Synthesis and computer simulation study. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 2406-2422	3.4	8
196	A Role for Sigma Receptors in Stimulant Self-Administration and Addiction. <i>Handbook of Experimental Pharmacology</i> , 2017 , 244, 177-218	3.2	14
195	Further delineation between typical and atypical dopamine uptake inhibitors: effects on food-maintained behavior and food consumption. <i>Behavioural Pharmacology</i> , 2017 , 28, 74-82	2.4	1

194	The sigma-1 receptor modulates dopamine transporter conformation and cocaine binding and may thereby potentiate cocaine self-administration in rats. <i>Journal of Biological Chemistry</i> , 2017 , 292, 11250-11261	5.4	48
193	The unique psychostimulant profile of (R)-modafinil: investigation of behavioral and neurochemical effects in mice. <i>European Journal of Neuroscience</i> , 2017 , 45, 167-174	3.5	23
192	The sigma-1 receptor modulates methamphetamine dysregulation of dopamine neurotransmission. <i>Nature Communications</i> , 2017 , 8, 2228	17.4	57
191	Dopamine D ₁ -Like Receptors and Behavioral Economics of Food Reinforcement. <i>Neuropsychopharmacology</i> , 2016 , 41, 971-8	8.7	14
190	Rapid and sustained antidepressant properties of an NMDA antagonist/monoamine reuptake inhibitor identified via transporter-based virtual screening. <i>Pharmacology Biochemistry and Behavior</i> , 2016 , 150-151, 22-30	3.9	10
189	Mechanisms of amphetamine action illuminated through optical monitoring of dopamine synaptic vesicles in Drosophila brain. <i>Nature Communications</i> , 2016 , 7, 10652	17.4	70
188	Blockade of Cocaine or μ Receptor Agonist Self Administration by Subtype-Selective μ Receptor Antagonists. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 358, 109-24	4.7	19
187	Lack of Specific Involvement of (+)-Naloxone and (+)-Naltrexone on the Reinforcing and Neurochemical Effects of Cocaine and Opioids. <i>Neuropsychopharmacology</i> , 2016 , 41, 2772-81	8.7	34
186	Contributions to drug abuse research of Steven R. Goldberg: behavioral analysis of stimulus-stimulus contingencies. <i>Psychopharmacology</i> , 2016 , 233, 1921-32	4.7	2
185	Differential modulation of methamphetamine-mediated behavioral sensitization by overexpression of Mu opioid receptors in nucleus accumbens and ventral tegmental area. <i>Psychopharmacology</i> , 2016 , 233, 661-72	4.7	12
184	2-Substituted 3 β -Aryltropane Cocaine Analogs Produce Atypical Effects without Inducing Inward-Facing Dopamine Transporter Conformations. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 356, 624-34	4.7	13
183	A role for sigma receptors in stimulant self-administration and addiction. <i>Behavioural Pharmacology</i> , 2016 , 27, 100-15	2.4	29
182	Behavioral, biological, and chemical perspectives on atypical agents targeting the dopamine transporter. <i>Drug and Alcohol Dependence</i> , 2015 , 147, 1-19	4.9	91
181	Cocaine-induced endocannabinoid release modulates behavioral and neurochemical sensitization in mice. <i>Addiction Biology</i> , 2015 , 20, 91-103	4.6	34
180	DAT isn't all that: cocaine reward and reinforcement require Toll-like receptor 4 signaling. <i>Molecular Psychiatry</i> , 2015 , 20, 1525-37	15.1	135
179	2-Substituted Aryltropane Cocaine Analogs Produce Atypical DAT Inhibitor Effects without Inducing Inward-Facing DAT Conformations. <i>FASEB Journal</i> , 2015 , 29, 930.7	0.9	
178	Pharmacology of Self-Administration of a Non-Selective Sigma _{1/2} Receptor Agonist, 1,3-di-o-tolylguanidine (DTG), and its Induction of Sigma ₁ -Mediated Reinforcement in Rats. <i>FASEB Journal</i> , 2015 , 29, 930.6	0.9	
177	Choice for response alternatives differing in reinforcement frequency in dopamine D ₂ receptor mutant and Swiss-Webster mice. <i>Psychopharmacology</i> , 2014 , 231, 3169-77	4.7	1

176	Elucidation of structural elements for selectivity across monoamine transporters: novel 2-[(diphenylmethyl)sulfinyl]acetamide (modafinil) analogues. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 1000-13	8.3	37
175	Methylphenidate and impulsivity: a comparison of effects of methylphenidate enantiomers on delay discounting in rats. <i>Psychopharmacology</i> , 2014 , 231, 191-8	4.7	12
174	2-isoxazol-3-phenyltropane derivatives of cocaine: molecular and atypical system effects at the dopamine transporter. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 349, 297-309	4.7	25
173	Preference for distinct functional conformations of the dopamine transporter alters the relationship between subjective effects of cocaine and stimulation of mesolimbic dopamine. <i>Biological Psychiatry</i> , 2014 , 76, 802-9	7.9	35
172	Pharmacological characterization of a dopamine transporter ligand that functions as a cocaine antagonist. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 348, 106-15	4.7	16
171	Preclinical efficacy of N-substituted benzotropine analogs as antagonists of methamphetamine self-administration in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 348, 174-91	4.7	44
170	Relations between stimulation of mesolimbic dopamine and place conditioning in rats produced by cocaine or drugs that are tolerant to dopamine transporter conformational change. <i>Psychopharmacology</i> , 2013 , 229, 307-21	4.7	17
169	Interactions of cocaine with dopamine D ₁ -like antagonists in squirrel monkeys. <i>Psychopharmacology</i> , 2013 , 226, 393-400	4.7	2
168	The stereotypy-inducing effects of N-substituted benzotropine analogs alone and in combination with cocaine do not account for their blockade of cocaine self-administration. <i>Psychopharmacology</i> , 2013 , 225, 733-42	4.7	15
167	Design and synthesis of 1-(3-(dimethylamino)propyl)-1-(4-fluorophenyl)-1,3-dihydroisobenzofuran-5-carbonitrile (citalopram) analogues as novel probes for the serotonin transporter S1 and S2 binding sites. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 9709-24	8.3	23
166	Self-administration of cocaine induces dopamine-independent self-administration of sigma agonists. <i>Neuropsychopharmacology</i> , 2013 , 38, 605-15	8.7	28
165	Stimulants as specific inducers of dopamine-independent sigma agonist self-administration in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 347, 20-9	4.7	22
164	An influence of delayed reinforcement on the effectiveness of psychostimulants to enhance indices of attention under a five-choice serial reaction time procedure in male rats. <i>Experimental and Clinical Psychopharmacology</i> , 2013 , 21, 355-62	3.2	3
163	In Vivo Binding of N-Substituted Benzotropine Analogs and Antagonism of Cocaine Self-Administration. <i>FASEB Journal</i> , 2013 , 27, 659.8	0.9	
162	Discriminative-stimulus effects of 3,4-methylenedioxy-N-methylamphetamine (MDMA) and a novel MDMA quaternary analog. <i>FASEB Journal</i> , 2013 , 27, 1098.10	0.9	
161	Specificity of cocaine-induced dopamine-independent sigma agonist self-administration. <i>FASEB Journal</i> , 2013 , 27, 659.11	0.9	
160	Opioid activation of toll-like receptor 4 contributes to drug reinforcement. <i>Journal of Neuroscience</i> , 2012 , 32, 11187-200	6.6	205
159	R-modafinil (armodafinil): a unique dopamine uptake inhibitor and potential medication for psychostimulant abuse. <i>Biological Psychiatry</i> , 2012 , 72, 405-13	7.9	97

158	Sigma receptor agonists: receptor binding and effects on mesolimbic dopamine neurotransmission assessed by microdialysis. <i>Biological Psychiatry</i> , 2011 , 69, 208-17	7.9	70
157	Effects of the selective sigma receptor ligand, 1-(2-phenethyl)piperidine oxalate (AC927), on the behavioral and toxic effects of cocaine. <i>Drug and Alcohol Dependence</i> , 2011 , 118, 40-7	4.9	8
156	Lack of cocaine-like discriminative-stimulus effects of σ receptor agonists in rats. <i>Behavioural Pharmacology</i> , 2011 , 22, 525-30	2.4	18
155	Response requirement and increases in accuracy produced by stimulant drugs in a 5-choice serial reaction-time task in rats. <i>Psychopharmacology</i> , 2011 , 213, 723-33	4.7	17
154	Behavioral economics of food reinforcement and the effects of prefeeding, extinction, and eticlopride in dopamine D2 receptor mutant mice. <i>Psychopharmacology</i> , 2011 , 215, 775-84	4.7	14
153	Preparation and evaluation of tetrabenazine enantiomers and all eight stereoisomers of dihydrotetrabenazine as VMAT2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 1841-8	6.8	36
152	A Role for Sigma Receptors in Stimulant Self Administration and Addiction. <i>Pharmaceuticals</i> , 2011 , 4, 880-914	5.2	49
151	N-substituted benztropine analogs: selective dopamine transporter ligands with a fast onset of action and minimal cocaine-like behavioral effects. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 336, 575-85	4.7	30
150	Decreases in cocaine self-administration with dual inhibition of the dopamine transporter and σ receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 339, 662-77	4.7	57
149	Structure-Activity Relationships at the Monoamine Transporters for a Novel Series of Modafinil (2-[(diphenylmethyl)sulfinyl]acetamide) Analogues. <i>ACS Medicinal Chemistry Letters</i> , 2010 , 2, 48-52	4.3	49
148	Dopamine transporter-dependent and -independent striatal binding of the benztropine analog JHW 007, a cocaine antagonist with low abuse liability. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 335, 703-14	4.7	23
147	Preparation and Characterization of Tetrabenazine Enantiomers against Vesicular Monoamine Transporter 2. <i>ACS Medicinal Chemistry Letters</i> , 2010 , 1, 105-109	4.3	25
146	Reinforcing effects of sigma-receptor agonists in rats trained to self-administer cocaine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 332, 515-24	4.7	62
145	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
144	Yawning and locomotor behavior induced by dopamine receptor agonists in mice and rats. <i>Behavioural Pharmacology</i> , 2010 , 21, 171-81	2.4	31
143	Proerectile effects of dopamine D2-like agonists are mediated by the D3 receptor in rats and mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 329, 210-7	4.7	39
142	Discovery of drugs to treat cocaine dependence: behavioral and neurochemical effects of atypical dopamine transport inhibitors. <i>Advances in Pharmacology</i> , 2009 , 57, 253-89	5.7	53
141	Assessment of reinforcing effects of benztropine analogs and their effects on cocaine self-administration in rats: comparisons with monoamine uptake inhibitors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 329, 677-86	4.7	77

140	Combinations of cocaine with other dopamine uptake inhibitors: assessment of additivity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 330, 802-9	4.7	43
139	Fluoxetine does not alter the ability of dopamine D(1)- and D(2)-like agonists to substitute for cocaine in squirrel monkeys. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 92, 219-23	3.9	1
138	Citalopram enhances cocaine's subjective effects in rats. <i>Behavioural Pharmacology</i> , 2009 , 20, 759-62	2.4	5
137	Effects of Acute Administration of Sigma Receptor Ligands on Mesolimbic Dopamine Neurotransmission in Rats. <i>FASEB Journal</i> , 2009 , 23, 745.4	0.9	1
136	Cocaine-like neurochemical effects of antihistaminic medications. <i>Journal of Neurochemistry</i> , 2008 , 106, 147-57	6	43
135	Relationship between conformational changes in the dopamine transporter and cocaine-like subjective effects of uptake inhibitors. <i>Molecular Pharmacology</i> , 2008 , 73, 813-23	4.3	105
134	Atypical Dopamine Uptake Inhibitors that Provide Clues About Cocaine's Mechanism at the Dopamine Transporter. <i>Topics in Medicinal Chemistry</i> , 2008 , 95-129	0.4	9
133	Dual DAT/sigma1 receptor ligands based on 3-(4-(3-(bis(4-fluorophenyl)amino)propyl)piperazin-1-yl)-1-phenylpropan-1-ol. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 5238-41	2.9	15
132	Transcriptional responses to reinforcing effects of cocaine in the rat hippocampus and cortex. <i>Genes, Brain and Behavior</i> , 2008 , 7, 193-202	3.6	29
131	Muscarinic preferential M(1) receptor antagonists enhance the discriminative-stimulus effects of cocaine in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2007 , 87, 400-4	3.9	14
130	Effects of muscarinic M1 receptor blockade on cocaine-induced elevations of brain dopamine levels and locomotor behavior in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 321, 334-44	4.7	44
129	ROBERT PENN WARREN AND B. F. SKINNER ON DETERMINISM AND BEHAVIOR. <i>Journal of the Experimental Analysis of Behavior</i> , 2007 , 88, 150-151	2.1	78
128	Investigation of the potential pharmacokinetic and pharmaco-dynamic drug interaction between AHN 1-055, a potent benztrapine analog used for cocaine abuse, and cocaine after dosing in rats using intracerebral microdialysis. <i>Biopharmaceutics and Drug Disposition</i> , 2006 , 27, 229-40	1.7	3
127	c-Fos facilitates the acquisition and extinction of cocaine-induced persistent changes. <i>Journal of Neuroscience</i> , 2006 , 26, 13287-96	6.6	102
126	Interactions of cocaine with dopamine uptake inhibitors or dopamine releasers in rats discriminating cocaine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 317, 1088-96	4.7	39
125	Structure-activity relationship studies on a novel series of (S)-2beta-substituted 3alpha-[bis(4-fluoro- or 4-chlorophenyl)methoxy]tropane analogues for in vivo investigation. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 6391-9	8.3	17
124	Design and synthesis of a novel photoaffinity ligand for the dopamine and serotonin transporters based on 2beta-carbomethoxy-3beta-biphenyltropane. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 6621-5	8.3	11
123	Effects of dopamine D1-like receptor agonists on food-maintained operant behavior in rats. <i>Behavioural Pharmacology</i> , 2006 , 17, 303-9	2.4	4

122	Comparative structure-activity relationships of benztropine analogues at the dopamine transporter and histamine H(1) receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 3625-34	3.4	9
121	Drug Effects on Performances under a 5-Choice Serial Reaction Time Task: Increased Sensitivity to Nicotine with Intermittent Reinforcement. <i>FASEB Journal</i> , 2006 , 20, A678	0.9	
120	Place conditioning and locomotor effects of N-substituted, 4- <i>Q</i> -difluorobenztpropine analogs in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 313, 1223-30	4.7	29
119	Synthesis and biological evaluation of meperidine analogues at monoamine transporters. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 1336-43	8.3	12
118	A comparison of the locomotor stimulant effects of D1-like receptor agonists in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2005 , 81, 843-8	3.9	27
117	N-8-Substituted benztropinamine analogs as selective dopamine transporter ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 5419-23	2.9	6
116	Pharmacodynamic assessment of the benztropine analogues AHN-1055 and AHN-2005 using intracerebral microdialysis to evaluate brain dopamine levels and pharmacokinetic/pharmacodynamic modeling. <i>Pharmaceutical Research</i> , 2005 , 22, 603-12	4.5	27
115	Human cocaine-seeking behavior and its control by drug-associated stimuli in the laboratory. <i>Neuropsychopharmacology</i> , 2005 , 30, 433-43	8.7	38
114	Effects of 4- <i>Q</i> -chloro-3 alpha-(diphenylmethoxy)-tropane on mesostriatal, mesocortical, and mesolimbic dopamine transmission: comparison with effects of cocaine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 313, 613-20	4.7	41
113	Identification of a dopamine transporter ligand that blocks the stimulant effects of cocaine. <i>Journal of Neuroscience</i> , 2005 , 25, 1889-93	6.6	98
112	Assessment of the influence of histaminergic actions on cocaine-like effects of 3alpha-diphenylmethoxytropane analogs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 631-40	4.7	27
111	Relationship between in vivo occupancy at the dopamine transporter and behavioral effects of cocaine, GBR 12909 [1-{2-[bis-(4-fluorophenyl)methoxy]ethyl}-4-(3-phenylpropyl)piperazine], and benztropine analogs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 397-404	4.7	43
110	Effects of N-substituted analogs of benztropine: diminished cocaine-like effects in dopamine transporter ligands. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 309, 650-60	4.7	64
109	What is represented by vertical shifts in self-administration dose-response curves?. <i>Psychopharmacology</i> , 2004 , 171, 360-361	4.7	6
108	The effect of 6-substituted-4- <i>Q</i> -difluorobenztpropines on monoamine transporters and the muscarinic M1 receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 3295-8	2.9	3
107	Synthesis and monoamine transporter binding of 2-(diarylmethoxymethyl)-3 beta-aryltropane derivatives. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 1676-82	8.3	14
106	Structure-activity relationships at monoamine transporters for a series of N-substituted 3alpha-(bis[4-fluorophenyl]methoxy)tropanes: comparative molecular field analysis, synthesis, and pharmacological evaluation. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 3388-98	8.3	35
105	Novel azido and isothiocyanato analogues of [3-(4-phenylalkylpiperazin-1-yl)propyl]bis(4-fluorophenyl)amines as potential irreversible ligands for the dopamine transporter. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 6128-36	8.3	11

104	The validity of the reinstatement model of craving and relapse to drug use. <i>Psychopharmacology</i> , 2003 , 168, 21-30	4-7	242
103	Locomotor and discriminative-stimulus effects of cocaine in dopamine D5 receptor knockout mice. <i>Psychopharmacology</i> , 2003 , 169, 161-8	4-7	47
102	Cocaine-induced locomotor activity and cocaine discrimination in dopamine D4 receptor mutant mice. <i>Psychopharmacology</i> , 2003 , 170, 108-14	4-7	37
101	Behavioral effects of rimcazole analogues alone and in combination with cocaine. <i>European Journal of Pharmacology</i> , 2003 , 468, 109-19	5-3	32
100	Structure-activity relationship comparison of (S)-2beta-substituted 3alpha-(bis[4-fluorophenyl]methoxy)tropanes and (R)-2beta-substituted 3beta-(3,4-dichlorophenyl)tropanes at the dopamine transporter. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 2908-16	8-3	25
99	Dual probes for the dopamine transporter and sigma1 receptors: novel piperazinyl alkyl-bis(4-fluorophenyl)amine analogues as potential cocaine-abuse therapeutic agents. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 2589-98	8-3	26
98	Cocaine-induced locomotor activity and cocaine discrimination in dopamine D2 receptor mutant mice. <i>Psychopharmacology</i> , 2002 , 163, 54-61	4-7	58
97	Continuing implications of the early evidence against the drive-reduction hypothesis of the behavioral effects of drugs. <i>Psychopharmacology</i> , 2002 , 163, 251-64	4-7	19
96	The experimental imperative. <i>Psychopharmacology</i> , 2002 , 163, 249-50	4-7	2
95	Comparison of interactions of D1-like agonists, SKF 81297, SKF 82958 and A-77636, with cocaine: locomotor activity and drug discrimination studies in rodents. <i>Psychopharmacology</i> , 2002 , 159, 145-53	4-7	23
94	Intravenous cocaine induced-activity and behavioural sensitization in norepinephrine-, but not dopamine-transporter knockout mice. <i>European Journal of Neuroscience</i> , 2002 , 16, 514-20	3-5	39
93	Enantioselective synthesis of S-(+)-2beta-carboalkoxy-3alpha-[bis(4-fluorophenyl)methoxy]tropanes as novel probes for the dopamine transporter. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002 , 12, 1249-52	2-9	14
92	Synthesis and biological evaluation of 2-substituted 3beta-tolyltropane derivatives at dopamine, serotonin, and norepinephrine transporters. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 1203-10	8-3	21
91	Intravenous cocaine-induced activity in A/J and C57BL/6J mice: behavioral sensitization and conditioned activity. <i>Neuropharmacology</i> , 2002 , 42, 976-86	5-5	13
90	Further studies of the reinforcing effects of benztrapine analogs in rhesus monkeys. <i>Psychopharmacology</i> , 2001 , 154, 375-82	4-7	53
89	Dopamine transporter binding without cocaine-like behavioral effects: synthesis and evaluation of benztrapine analogs alone and in combination with cocaine in rodents. <i>Psychopharmacology</i> , 2001 , 154, 362-74	4-7	37
88	The role of D2-like dopamine receptors in the locomotor stimulant effects of cocaine in mice. <i>Psychopharmacology</i> , 2001 , 155, 69-77	4-7	50
87	[3-cis-3,5-Dimethyl-(1-piperazinyl)alkyl]-bis-(4-fluorophenyl)amine analogues as novel probes for the dopamine transporter. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 3169-73	2-9	12

86	Structure-activity relationships at monoamine transporters and muscarinic receptors for N-substituted-3alpha-(3Qchloro-, 4Qchloro-, and 4Q,4Qdichloro-substituted-diphenyl)methoxytropanes. <i>Journal of Medicinal Chemistry</i> , 2001 , 44, 633-40	8.3	24
85	Novel tropane-based irreversible ligands for the dopamine transporter. <i>Journal of Medicinal Chemistry</i> , 2001 , 44, 4453-61	8.3	33
84	Agonist efficacy, drug dependence, and medications development: preclinical evaluation of opioid, dopaminergic, and GABAA-ergic ligands. <i>Psychopharmacology</i> , 2000 , 153, 67-84	4.7	40
83	2D QSAR modeling and preliminary database searching for dopamine transporter inhibitors using genetic algorithm variable selection of Molconn Z descriptors. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 4151-9	8.3	59
82	Highly selective chiral N-substituted 3alpha-[bis(4Qfluorophenyl)methoxy]tropane analogues for the dopamine transporter: synthesis and comparative molecular field analysis. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 1085-93	8.3	42
81	Synthesis, dopamine and serotonin transporter binding affinities of novel analogues of meperidine. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999 , 9, 3273-6	2.9	10
80	Structure-activity relationships at the monoamine transporters and sigma receptors for a novel series of 9-[3-(cis-3, 5-dimethyl-1-piperazinyl)propyl]carbazole (rimcazole) analogues. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 4446-55	8.3	40
79	Synthesis and dopamine transporter affinity of the four stereoisomers of (+/-)-2-(methoxycarbonyl)-7-methyl-3-phenyl-7-azabicyclo[2.2.1]heptane. <i>Journal of Medicinal Chemistry</i> , 1998 , 41, 2430-5	8.3	17
78	Behavioral Pharmacology of Cocaine and the Determinants of Abuse Liability 1998 , 51-79		6
77	Isothiocyanate derivatives of 9-[3-(cis-3,5-dimethyl-1-piperazinyl)propyl]carbazole (rimcazole): irreversible ligands for the dopamine transporter. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 4340-46	8.3	24
76	3Qchloro-3 alpha-(diphenylmethoxy)tropane but not 4Qchloro-3 alpha-(diphenylmethoxy)tropane produces a cocaine-like behavioral profile. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 851-7	8.3	40
75	Novel N-substituted 3 alpha-[bis(4Qfluorophenyl)methoxy]tropane analogues: selective ligands for the dopamine transporter. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 4329-39	8.3	100
74	Synthesis, structure, dopamine transporter affinity, and dopamine uptake inhibition of 6-alkyl-3-benzyl-2-[(methoxycarbonyl)methyl]tropane derivatives. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 4406-14	8.3	26
73	The effect of N-methylation on fenfluramine@ neurotoxic and pharmacologic actions. <i>Brain Research</i> , 1997 , 763, 182-90	3.7	5
72	N-methylation dissociates methamphetamine@ neurotoxic and behavioral pharmacologic effects. <i>Brain Research</i> , 1997 , 771, 115-20	3.7	6
71	Relations between heterogeneity of dopamine transporter binding and function and the behavioral pharmacology of cocaine. <i>Pharmacology Biochemistry and Behavior</i> , 1997 , 57, 505-12	3.9	31
70	Synthesis, dopamine transporter affinity, dopamine uptake inhibition, and locomotor stimulant activity of 2-substituted 3 beta-phenyltropane derivatives. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 858-63	8.3	24
69	Dopaminergic mediation of the discriminative stimulus effects of bupropion in rats. <i>Psychopharmacology</i> , 1997 , 134, 201-12	4.7	37

68	Synthesis and ligand binding of eta(6)-(2beta-carbomethoxy-3beta-phenyltropane) transition metal complexes. <i>Journal of Medicinal Chemistry</i> , 1996 , 39, 1560-3	8.3	14
67	The cocaine-like behavioral effects of meperidine are mediated by activity at the dopamine transporter. <i>European Journal of Pharmacology</i> , 1996 , 297, 9-17	5.3	17
66	Synthesis and dopamine transporter affinity of 2-(methoxycarbonyl)-9-methyl-3-phenyl-9-azabicyclo[3.3.1]nonane derivatives. <i>Journal of Medicinal Chemistry</i> , 1996 , 39, 4744-9	8.3	24
65	Assessment of cocaine-like discriminative stimulus effects of dopamine D3 receptor ligands. <i>European Journal of Pharmacology</i> , 1995 , 281, R7-9	5.3	53
64	Novel 4Q-substituted and 4Q"-disubstituted 3 alpha-(diphenylmethoxy)tropane analogs as potent and selective dopamine uptake inhibitors. <i>Journal of Medicinal Chemistry</i> , 1995 , 38, 3933-40	8.3	99
63	A comparison of the effects of the D1 receptor antagonists SCH 23390 and SCH 39166 on suppression of feeding behavior by the D1 agonist SKF38393. <i>Psychopharmacology</i> , 1994 , 113, 328-33	4.7	21
62	Effects of caramiphen and phencyclidine alone and in combination on behavior in the rat. <i>Pharmacology Biochemistry and Behavior</i> , 1994 , 47, 709-13	3.9	5
61	Novel 3 alpha-(diphenylmethoxy)tropane analogs: potent dopamine uptake inhibitors without cocaine-like behavioral profiles. <i>Journal of Medicinal Chemistry</i> , 1994 , 37, 2258-61	8.3	110
60	Differential relationships among dopamine transporter affinities and stimulant potencies of various uptake inhibitors. <i>European Journal of Pharmacology</i> , 1994 , 263, 277-83	5.3	45
59	7-OH-DPAT antagonizes dopamine D2 receptor-inhibited adenylyl cyclase activity. <i>Life Sciences</i> , 1994 , 55, PL257-9	6.8	
58	Synthesis, cocaine receptor affinity, and dopamine uptake inhibition of several new 2 beta-substituted 3 beta-phenyltropanes. <i>Journal of Medicinal Chemistry</i> , 1994 , 37, 3875-7	8.3	36
57	Cocaine and several sigma receptor ligands inhibit dopamine uptake in rat caudate-putamen. <i>European Journal of Pharmacology</i> , 1993 , 243, 201-5	5.3	38
56	Differential efficacies of dopamine D1 receptor agonists for stimulating adenylyl cyclase in squirrel monkey and rat. <i>European Journal of Pharmacology</i> , 1993 , 246, 39-44		56
55	Behavioral effects of dopaminergic agonists and antagonists alone and in combination in the squirrel monkey. <i>Psychopharmacology</i> , 1993 , 113, 19-25	4.7	11
54	Pharmacological specificity of enhanced sensitivity to naltrexone in rats. <i>Psychopharmacology</i> , 1993 , 110, 60-8	4.7	8
53	Carbamazepine produces nonspecific effects on cocaine self-administration in rats. <i>Life Sciences</i> , 1992 , 51, PL13-8	6.8	6
52	Comparative behavioral pharmacology and toxicology of cocaine and its ethanol-derived metabolite, cocaine ethyl-ester (cocaethylene). <i>Life Sciences</i> , 1992 , 50, 1351-61	6.8	92
51	Evaluation of the neurotoxicity of N-methyl-1-(4-methoxyphenyl)-2-aminopropane (para-methoxymethamphetamine, PMMA). <i>Brain Research</i> , 1992 , 589, 349-52	3.7	27

50	Effects of cocaine and its quaternary derivative cocaine methiodide on cardiovascular function in squirrel monkeys. <i>European Journal of Pharmacology</i> , 1992 , 213, 99-105	5.3	25
49	Effects of quinpirole and SKF 38393 alone and in combination in squirrel monkeys trained to discriminate cocaine. <i>Psychopharmacology</i> , 1992 , 107, 217-20	4.7	14
48	Reinforcing effects of enantiomers of N,N-dimethylamphetamine in squirrel monkeys. <i>Psychopharmacology</i> , 1992 , 107, 315-8	4.7	9
47	Selective effects of the D1 dopamine receptor agonist, SKF 38393, on behavior maintained by cocaine injection in squirrel monkeys. <i>Psychopharmacology</i> , 1992 , 109, 241-4	4.7	36
46	Differential antagonism of the effects of dopamine D1-receptor agonists on feeding behavior in the rat. <i>Psychopharmacology</i> , 1992 , 109, 403-9	4.7	39
45	The effects of repeated administration of MDMA on the expression of sexual behavior in the male rat. <i>Pharmacology Biochemistry and Behavior</i> , 1991 , 39, 813-6	3.9	28
44	Methohexital and cocaine self-administration under fixed-ratio and second-order schedules. <i>Pharmacology Biochemistry and Behavior</i> , 1991 , 38, 411-6	3.9	23
43	Behavioral effects of cocaine alone and in combination with selective dopamine antagonists in the squirrel monkey. <i>Psychopharmacology</i> , 1991 , 103, 33-40	4.7	11
42	Discriminative stimulus effects of inhaled cocaine in squirrel monkeys. <i>Psychopharmacology</i> , 1991 , 105, 317-21	4.7	8
41	Dexfenfluramine neurotoxicity in brains of non-human primates. <i>Lancet, The</i> , 1991 , 338, 1487-88	4.0	71
40	The partial opioid agonist, buprenorphine, protects against lethal effects of cocaine. <i>Drug and Alcohol Dependence</i> , 1991 , 27, 177-84	4.9	23
39	Selective sigma ligands block stimulant effects of cocaine. <i>European Journal of Pharmacology</i> , 1991 , 201, 251-2	5.3	83
38	Cocaine and food as reinforcers: effects of reinforcer magnitude and response requirement under second-order fixed-ratio and progressive-ratio schedules. <i>Journal of the Experimental Analysis of Behavior</i> , 1991 , 56, 261-75	2.1	27
37	Some behavioral effects of repeated d-amphetamine administrations. <i>Drug Development Research</i> , 1990 , 20, 31-41	5.1	1
36	Analysis of behavioral effects of drugs. <i>Drug Development Research</i> , 1990 , 20, 389-409	5.1	25
35	Interactions of clonidine and naloxone on schedule-controlled behavior in opioid-naive mice. <i>Psychopharmacology</i> , 1989 , 98, 445-7	4.7	9
34	Two types of bias in psychophysical detection and recognition procedures: nonparametric indices and effects of drugs. <i>Psychopharmacology</i> , 1989 , 97, 202-5	4.7	5
33	Discriminative stimulus effects of intravenous l-nicotine and nicotine analogs or metabolites in squirrel monkeys. <i>Psychopharmacology</i> , 1989 , 99, 208-12	4.7	28

32	Effects of a selective kappa-opioid agonist, U-50,488H, on morphine dependence in rats. <i>European Journal of Pharmacology</i> , 1989 , 170, 47-51	5.3	24
31	Evaluation of the neurotoxic potential of N,N-dimethylamphetamine: an illicit analog of methamphetamine. <i>Brain Research</i> , 1989 , 490, 301-6	3.7	14
30	Modulation of the lethal effects of cocaine by cholinomimetics. <i>Life Sciences</i> , 1989 , 45, 2295-301	6.8	17
29	Modification of the effects of naloxone in morphine-dependent mice. <i>Life Sciences</i> , 1989 , 45, 1237-46	6.8	9
28	Behavioral effects of benzodiazepine antagonists in chlordiazepoxide tolerant and non-tolerant rats. <i>Life Sciences</i> , 1989 , 44, 289-99	6.8	13
27	Lethal effects of cocaine are reduced by the dopamine-1 receptor antagonist SCH 23390 but not by haloperidol. <i>Life Sciences</i> , 1989 , 44, 1285-91	6.8	45
26	Preclinical assessment of abuse liability of drugs. <i>Agents and Actions</i> , 1988 , 23, 18-26		30
25	Opioid receptor subtype-specific cross-tolerance to the effects of morphine on schedule-controlled behavior in mice. <i>Psychopharmacology</i> , 1988 , 96, 218-22	4.7	11
24	Effects of adenosine analogs alone and in combination with caffeine in the squirrel monkey. <i>Pharmacology Biochemistry and Behavior</i> , 1988 , 29, 429-32	3.9	7
23	Discriminative stimulus effects of intravenous nicotine in squirrel monkeys. <i>Pharmacology Biochemistry and Behavior</i> , 1988 , 30, 243-7	3.9	20
22	Effects of ethylketazocine and morphine alone and in combination with naloxone on schedule-controlled behavior in pigeons. <i>Psychopharmacology</i> , 1987 , 92, 508-12	4.7	1
21	Second-Order Schedules of Drug Injection 1987 , 105-115		6
20	Effects of H1-receptor antagonists on responding punished by histamine injection or electric shock presentation in squirrel monkeys. <i>Psychopharmacology</i> , 1986 , 90, 461-7	4.7	13
19	Tolerance to effects of morphine without cross tolerance to effects of clonidine on schedule-controlled behavior of pigeons. <i>Psychopharmacology</i> , 1986 , 89, 323-6	4.7	5
18	Effects of clonidine and morphine on opioid withdrawal in rhesus monkeys. <i>Psychopharmacology</i> , 1986 , 88, 392-7	4.7	38
17	Stereoselective behavioral effects of N6-phenylisopropyl-adenosine and antagonism by caffeine. <i>Psychopharmacology</i> , 1985 , 87, 272-7	4.7	22
16	Effects of clonidine and some alpha-adrenergic antagonists alone and in combination on schedule-controlled behavior in pigeons and mice. <i>Psychopharmacology</i> , 1984 , 83, 38-43	4.7	14
15	The opiate quasiwithdrawal syndrome in rhesus monkeys: comparison of naloxone-precipitated withdrawal to effects of cholinergic agents. <i>Psychopharmacology</i> , 1984 , 84, 12-5	4.7	9

14	Effects of cocaine, chlordiazepoxide, and chlorpromazine on responding of squirrel monkeys under second-order schedules of IM cocaine injection or food presentation. <i>Psychopharmacology</i> , 1983 , 81, 164-9	4.7	9
13	Receptor binding, antagonist, and withdrawal precipitating properties of opiate antagonists. <i>Life Sciences</i> , 1983 , 32, 2887-96	6.8	61
12	Systemic and intracerebroventricular effects of opioid peptides in withdrawn morphine-dependent rhesus monkeys. <i>Life Sciences</i> , 1983 , 33 Suppl 1, 361-4	6.8	9
11	Compounds of novel structure having kappa-agonist behavioral effects in rhesus monkeys. <i>Life Sciences</i> , 1982 , 31, 2375-8	6.8	21
10	Rate-dependent effects of d-and l-amphetamine on schedule-controlled responding in pigeons and squirrel monkeys. <i>Neuropharmacology</i> , 1982 , 21, 235-42	5.5	10
9	Behavioral effects of levonantradol and nantradol in the rhesus monkey. <i>Journal of Clinical Pharmacology</i> , 1981 , 21, 348S-360S	2.9	18
8	Drug Effects on Behaviors Maintained by Different Events. <i>Advances in Behavioral Pharmacology</i> , 1981 , 119-168		9
7	Mathematics relevant to rate-dependent drug effects. <i>Neuroscience and Biobehavioral Reviews</i> , 1979 , 3, 11-13	9	3
6	Effects of d-amphetamine and ethanol alone and in combination on schedule-controlled responding of pigeons. <i>Psychopharmacology</i> , 1979 , 64, 13-8	4.7	13
5	Conjunctive schedules of reinforcement IV: Effects on the pattern of responding of changes in requirement at reinforcement. <i>Learning and Behavior</i> , 1979 , 7, 483-488		4
4	A comparison of responding maintained under second-order schedules of intramuscular cocaine injection or food presentation in squirrel monkeys. <i>Journal of the Experimental Analysis of Behavior</i> , 1979 , 32, 419-31	2.1	44
3	Ethanol, pentobarbital, and chlordiazepoxide effects in squirrel monkeys responding under fixed-ratio food presentation and stimulus-shock termination schedules. <i>Psychopharmacology</i> , 1978 , 56, 153-5	4.7	21
2	Effects of d-amphetamine and ethanol on responding of squirrel monkeys maintained under fixed-ratio schedules of food presentation and stimulus-shock termination. <i>Pharmacology Biochemistry and Behavior</i> , 1978 , 8, 35-9	3.9	9
1	Drug effects on responding maintained by stimulus-reinforcer and response-reinforcer contingencies. <i>Journal of the Experimental Analysis of Behavior</i> , 1978 , 30, 187-96	2.1	10