

F Ivy Carroll

List of Publications by Year in Descending Order

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

289
papers

9,363
citations

52
h-index

82
g-index

295
ext. papers

10,064
ext. citations

5.2
avg. IF

5.71
L-index

#	Paper	IF	Citations
289	Interactions between 2-Fluoro-(carbamoylpyridinyl)deschloroepibatidine analogues and acetylcholine-binding protein inform on potent antagonist activity against nicotinic receptors.. <i>Acta Crystallographica Section D: Structural Biology</i> , 2022 , 78, 353-362	5.5	0
288	Blockade of kappa-opioid receptors amplifies microglia-mediated inflammatory responses. <i>Pharmacology Biochemistry and Behavior</i> , 2021 , 173301	3.9	0
287	Designer drugs: a medicinal chemistry perspective (II). <i>Annals of the New York Academy of Sciences</i> , 2021 , 1489, 48-77	6.5	1
286	Nanobody-enabled monitoring of kappa opioid receptor states. <i>Nature Communications</i> , 2020 , 11, 1145	17.4	50
285	Effects of chronic treatment with bupropion on self-administration of nicotine + cocaine mixtures in nonhuman primates. <i>Experimental and Clinical Psychopharmacology</i> , 2020 , 28, 517-526	3.2	2
284	Nicotinic Acetylcholine Receptor Accessory Subunits Determine the Activity Profile of Epibatidine Derivatives. <i>Molecular Pharmacology</i> , 2020 , 98, 328-342	4.3	2
283	Formulation and Characterization of Conjugate Vaccines to Reduce Opioid Use Disorders Suitable for Pharmaceutical Manufacturing and Clinical Evaluation. <i>Molecular Pharmaceutics</i> , 2019 , 16, 2364-2375	5.6	10
282	Kappa Opioid Receptors Drive a Tonic Aversive Component of Chronic Pain. <i>Journal of Neuroscience</i> , 2019 , 39, 4162-4178	6.6	53
281	Behavioral Pharmacology of Novel Kappa Opioid Receptor Antagonists in Rats. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 735-745	5.8	12
280	The selective kappa opioid receptor antagonist JD1c attenuates the alcohol deprivation effect in rats. <i>European Neuropsychopharmacology</i> , 2019 , 29, 1386-1396	1.2	3
279	Synthesis and Characterization of the Selective, Reversible PKC Inhibitor (9S)-9-[(Dimethylamino)methyl]-6,7,10,11-tetrahydro-9H,18H-5,21:12,17-dimethenodibenzo[e,k]pyrrolo[3,4-h][1,4,13]oxadiazacyclohexadecine-18,20(19H)-dione, Ruboxistaurin (LY333531). <i>ACS Chemical Neuroscience</i> , 2019 , 10, 246-251	5.7	
278	Blockade of nicotinic acetylcholine receptor enhances the responsiveness to bupropion in the mouse forced swim test. <i>Behavioural Brain Research</i> , 2019 , 360, 262-269	3.4	4
277	The kappa opioid receptor antagonist JD1c decreases ethanol intake in alcohol-preferring AA rats. <i>Psychopharmacology</i> , 2018 , 235, 1581-1591	4.7	5
276	Structure of the Nanobody-Stabilized Active State of the Kappa Opioid Receptor. <i>Cell</i> , 2018 , 172, 55-67.e15	31.2	205
275	Opioid Dose- and Route-Dependent Efficacy of Oxycodone and Heroin Vaccines in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 365, 346-353	4.7	27
274	Dissociable effects of the kappa opioid receptor agonist nalfurafine on pain/itch-stimulated and pain/itch-depressed behaviors in male rats. <i>Psychopharmacology</i> , 2018 , 235, 203-213	4.7	30
273	Potent and Selective Tetrahydroisoquinoline Kappa Opioid Receptor Antagonists of Lead Compound (3R)-N-[1R)-1-(Cyclohexylmethyl)-2-methylpropyl]-7-hydroxy-1,2,3,4-tetrahydroisoquinoline-3-carboxamide (JD1c). <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 7516-7533	8.3	3

272	Potent and Selective Tetrahydroisoquinoline Kappa Opioid Receptor Antagonists of Lead Compound (3 R)-7-Hydroxy- N-[(1 S)-2-methyl-1-(piperidin-1-ylmethyl)propyl]-1,2,3,4-tetrahydroisoquinoline-3-carboxamide (PDTic). <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 7525-7545	8.3	6
271	Caged Naloxone: Synthesis, Characterization, and Stability of 3-O-(4,5-Dimethoxy-2-nitrophenyl)carboxymethyl Naloxone (CNV-NLX). <i>ACS Chemical Neuroscience</i> , 2018 , 9, 563-567	5.7	3
270	A Double-Blind, Placebo-Controlled Trial Demonstrating the Safety, Tolerability, and Pharmacokinetics of Single, Escalating Oral Doses of RTI-336. <i>Frontiers in Pharmacology</i> , 2018 , 9, 712	5.6	1
269	New insights on the effects of varenicline on nicotine reward, withdrawal and hyperalgesia in mice. <i>Neuropharmacology</i> , 2018 , 138, 72-79	5.5	14
268	Probing the Allosteric Role of the $\beta 5$ Subunit of $\beta 3\beta 5$ Nicotinic Acetylcholine Receptors by Functionally Selective Modulators and Ligands. <i>ACS Chemical Biology</i> , 2017 , 12, 702-714	4.9	8
267	In vivo interactions between $\beta 7$ nicotinic acetylcholine receptor and nuclear peroxisome proliferator-activated receptor- β : Implication for nicotine dependence. <i>Neuropharmacology</i> , 2017 , 118, 38-45	5.5	26
266	Simple Tetrahydroisoquinolines Are Potent and Selective Kappa Opioid Receptor Antagonists. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 742-745	4.3	5
265	Safety and efficacy of an oxycodone vaccine: Addressing some of the unique considerations posed by opioid abuse. <i>PLoS ONE</i> , 2017 , 12, e0184876	3.7	35
264	Effects of Chronic Social Defeat Stress on Sleep and Circadian Rhythms Are Mitigated by Kappa-Opioid Receptor Antagonism. <i>Journal of Neuroscience</i> , 2017 , 37, 7656-7668	6.6	53
263	Synthesis, Nicotinic Acetylcholine Receptor Binding, and in Vitro and in Vivo Pharmacological Properties of 2-Fluoro-(substituted thiophenyl)deschloroepibatidine Analogues. <i>ACS Chemical Neuroscience</i> , 2017 , 8, 115-127	5.7	1
262	Sex Differences and Drug Dose Influence the Role of the $\beta 7$ Nicotinic Acetylcholine Receptor in the Mouse Dextran Sodium Sulfate-Induced Colitis Model. <i>Nicotine and Tobacco Research</i> , 2017 , 19, 460-468	4.9	12
261	Design, synthesis, and pharmacological evaluation of JDTic analogs to examine the significance of replacement of the 3-hydroxyphenyl group with pyridine or thiophene bioisosteres. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 3842-8	3.4	5
260	Synthesis, Nicotinic Acetylcholine Binding, and in Vitro and in Vivo Pharmacological Properties of 2-Fluoro-(carbamoylpyridinyl)deschloroepibatidine Analogues. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 1004-12	5.7	4
259	Attenuated nicotine-like effects of varenicline but not other nicotinic ACh receptor agonists in monkeys receiving nicotine daily. <i>British Journal of Pharmacology</i> , 2016 , 173, 3454-3466	8.6	3
258	Pharmacodynamic Relationships between Duration of Action of JDTic-like Kappa-Opioid Receptor Antagonists and Their Brain and Plasma Pharmacokinetics in Rats. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 1737-1745	5.7	7
257	Design, Synthesis, and Biological Evaluation of Structurally Rigid Analogues of 4-(3-Hydroxyphenyl)piperidine Opioid Receptor Antagonists. <i>Journal of Organic Chemistry</i> , 2016 , 81, 10383-10391	4.2	6
256	Nicotine Enhances the Hypnotic and Hypothermic Effects of Alcohol in the Mouse. <i>Alcoholism: Clinical and Experimental Research</i> , 2016 , 40, 62-72	3.7	5
255	In vitro and in vivo neuronal nicotinic receptor properties of (+)- and (-)-pyrido[3,4]homotropane [(+)- and (-)-PHT]: (+)-PHT is a potent and selective full agonist at $\beta 6\beta$ containing neuronal nicotinic acetylcholine receptors. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 920-6	5.7	7

254	Examination of the metabolite hydroxybupropion in the reinforcing and aversive stimulus effects of nicotine in rats. <i>Psychopharmacology</i> , 2015 , 232, 2763-71	4.7	8
253	Design, synthesis, and pharmacological evaluation of JD(Tic) analogs to examine the significance of the 3- and 4-methyl substituents. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 6379-88	3.4	12
252	A Double-Blind, Placebo-Controlled Trial to Evaluate the Safety, Tolerability, and Pharmacokinetics of Single, Escalating Oral Doses of JD(Tic). <i>Neuropsychopharmacology</i> , 2015 , 40, 2059-65	8.7	37
251	Quantitative Signaling and Structure-Activity Analyses Demonstrate Functional Selectivity at the Nociceptin/Orphanin FQ Opioid Receptor. <i>Molecular Pharmacology</i> , 2015 , 88, 502-11	4.3	28
250	Synthesis, nicotinic acetylcholine receptor binding, in vitro and in vivo pharmacology properties of 3Q(substituted pyridinyl)-deschloroepibatidine analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 5693-701	3.4	1
249	Novel Synthesis and Pharmacological Characterization of NOP Receptor Agonist 8-[(1S,3aS)-2,3,3a,4,5,6-Hexahydro-1H-phenalen-1-yl]-1-phenyl-1,3,8-triazaspiro[4.5]decan-4-one (Ro 64-6198). <i>ACS Chemical Neuroscience</i> , 2015 , 6, 1956-64	5.7	13
248	Effects of orally-bioavailable short-acting kappa opioid receptor-selective antagonist LY2456302 on nicotine withdrawal in mice. <i>Neuropharmacology</i> , 2015 , 97, 270-4	5.5	23
247	Abnormal error processing in depressive states: a translational examination in humans and rats. <i>Translational Psychiatry</i> , 2015 , 5, e564	8.6	15
246	Anti-nociception mediated by a μ opioid receptor agonist is blocked by a δ receptor agonist. <i>British Journal of Pharmacology</i> , 2015 , 172, 691-703	8.6	15
245	Combining Active Immunization with Monoclonal Antibody Therapy To Facilitate Early Initiation of a Long-Acting Anti-Methamphetamine Antibody Response. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 4665-77	8.3	23
244	Effects of ketoprofen, morphine, and kappa opioids on pain-related depression of nesting in mice. <i>Pain</i> , 2015 , 156, 1153-1160	8	50
243	Effect of the 3- and 4-methyl groups on the opioid receptor properties of N-substituted trans-3,4-dimethyl-4-(3-hydroxyphenyl)piperidines. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 3140-7	8.3	4
242	Emergence and properties of spice and bath salts: a medicinal chemistry perspective. <i>Life Sciences</i> , 2014 , 97, 9-19	6.8	60
241	Synthesis, nicotinic acetylcholine receptor binding, and antinociceptive properties of 2Q(fluoro-3Q(substituted pyridinyl)-7-deschloroepibatidine analogues. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 836-48	8.3	12
240	Design, synthesis, and biological evaluation of (3R)-1,2,3,4-tetrahydro-7-hydroxy-N-[(1S)-1-[[[(3R,4R)-4-(3-hydroxyphenyl)-3,4-dimethyl-1-piperidinyl]methyl]-2-methylpropanoate]]-piperidine (JD(Tic) analogues: in vitro pharmacology and ADME profile. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 7367-81	8.3	21
239	Discriminative stimulus and hypothermic effects of some derivatives of the nAChR agonist epibatidine in mice. <i>Psychopharmacology</i> , 2014 , 231, 4455-66	4.7	13
238	Bupropion and bupropion analogs as treatments for CNS disorders. <i>Advances in Pharmacology</i> , 2014 , 69, 177-216	5.7	41
237	Effects of chronic varenicline treatment on nicotine, cocaine, and concurrent nicotine+cocaine self-administration. <i>Neuropsychopharmacology</i> , 2014 , 39, 1222-31	8.7	17

236	The discovery and development of the N-substituted trans-3,4-dimethyl-4-(3-hydroxyphenyl)piperidine class of pure opioid receptor antagonists. <i>ChemMedChem</i> , 2014 , 9, 1638-54	3.7	10
235	Simple radiometric method for accurately quantitating epitope densities of hapten-protein conjugates with sulfhydryl linkages. <i>Bioconjugate Chemistry</i> , 2014 , 25, 2112-5	6.3	7
234	Effects of the kappa opioid receptor antagonist, norbinaltorphimine, on stress and drug-induced reinstatement of nicotine-conditioned place preference in mice. <i>Psychopharmacology</i> , 2013 , 226, 763-8	4.7	47
233	4-Methyl-5-(3-hydroxyphenyl)morphan opioid agonist and partial agonist derived from a 4-methyl-5-(3-hydroxyphenyl)morphan pure antagonist. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 8826-33	8.3	6
232	Vaccination protects rats from methamphetamine-induced impairment of behavioral responding for food. <i>Vaccine</i> , 2013 , 31, 4596-602	4.1	35
231	Patterns of nicotinic receptor antagonism II: cardiovascular effects in rats. <i>Drug and Alcohol Dependence</i> , 2013 , 131, 284-97	4.9	19
230	Development of μ opioid receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 2178-95	8.3	120
229	Discovery of N-{4-[(3-hydroxyphenyl)-3-methylpiperazin-1-yl]methyl-2-methylpropyl}-4-phenoxybenzamide analogues as selective kappa opioid receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 4551-67	8.3	10
228	Structurally distinct nicotine immunogens elicit antibodies with non-overlapping specificities. <i>Biochemical Pharmacology</i> , 2012 , 83, 543-50	6	55
227	The long-lasting effects of JDTC, a kappa opioid receptor antagonist, on the expression of ethanol-seeking behavior and the relapse drinking of female alcohol-preferring (P) rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012 , 101, 581-7	3.9	36
226	The kappa opioid receptor antagonist JDTC attenuates alcohol seeking and withdrawal anxiety. <i>Addiction Biology</i> , 2012 , 17, 634-47	4.6	79
225	Influence of chronic dopamine transporter inhibition by RTI-336 on motor behavior, sleep, and hormone levels in rhesus monkeys. <i>Experimental and Clinical Psychopharmacology</i> , 2012 , 20, 77-83	3.2	6
224	Corticotropin-releasing factor (CRF)-induced disruption of attention in rats is blocked by the μ opioid receptor antagonist JDTC. <i>Neuropsychopharmacology</i> , 2012 , 37, 2809-16	8.7	42
223	Effects of the specific $\alpha 4 \beta 2$ nAChR antagonist, 2-fluoro-3-(4-nitrophenyl) deschloroepibatidine, on nicotine reward-related behaviors in rats and mice. <i>Psychopharmacology</i> , 2012 , 223, 159-68	4.7	19
222	Structure of the human μ opioid receptor in complex with JDTC. <i>Nature</i> , 2012 , 485, 327-32	50.4	695
221	Synthesis and nicotinic acetylcholine receptor in vitro and in vivo pharmacological properties of 2-fluoro-3-(substituted phenyl)deschloroepibatidine analogues of 2-fluoro-3-(4-nitrophenyl)deschloroepibatidine. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 6512-22	8.3	24
220	Designer drugs: a medicinal chemistry perspective. <i>Annals of the New York Academy of Sciences</i> , 2012 , 1248, 18-38	6.5	104
219	Bupropion and its main metabolite reverse nicotine chronic tolerance in the mouse. <i>Nicotine and Tobacco Research</i> , 2012 , 14, 1356-61	4.9	11

218	Antagonism of the hypothermic effects of nicotinic receptor ligands in mice. <i>FASEB Journal</i> , 2012 , 26, 1048-5	0.9	
217	Kappa opioid receptor signaling in the basolateral amygdala regulates conditioned fear and anxiety in rats. <i>Biological Psychiatry</i> , 2011 , 70, 425-33	7.9	103
216	Synthesis of mercapto-(+)-methamphetamine haptens and their use for obtaining improved epitope density on (+)-methamphetamine conjugate vaccines. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 5221-8	8.3	40
215	Duration of action of a broad range of selective μ opioid receptor antagonists is positively correlated with c-Jun N-terminal kinase-1 activation. <i>Molecular Pharmacology</i> , 2011 , 80, 920-9	4.3	88
214	Interaction of tyrosine 151 in norepinephrine transporter with the 2 μ group of cocaine analog RTI-113. <i>Neuropharmacology</i> , 2011 , 61, 112-20	5.5	13
213	Synthesis and evaluation of 1,2,4-methyltriazines as mGluR5 antagonists. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 4276-86	3.9	5
212	Synthesis and Evaluation of Metabotropic Glutamate Receptor Subtype 5 Antagonists Based on Fenobam(). <i>ACS Medicinal Chemistry Letters</i> , 2011 , 2, 882-884	4.3	7
211	Synthesis of 2-(substituted phenyl)-3,5,5-trimethylmorpholine analogues and their effects on monoamine uptake, nicotinic acetylcholine receptor function, and behavioral effects of nicotine. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 1441-8	8.3	7
210	Preparation of a Series of 5-Methyl-3-(substituted)-[1,2,4]triazines. <i>Tetrahedron Letters</i> , 2011 , 52, 3345-3346	2	
209	Acute administration of cocaine decreases cell surface expression of DAT in the squirrel monkey caudate. <i>FASEB Journal</i> , 2011 , 25, 1083.3	0.9	
208	Effects of hydroxymetabolites of bupropion on nicotine dependence behavior in mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 334, 1087-95	4.7	36
207	Synthesis and characterization of in vitro and in vivo profiles of hydroxybupropion analogues: aids to smoking cessation. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 4731-48	8.3	36
206	Synthesis and biological evaluation of bupropion analogues as potential pharmacotherapies for smoking cessation. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 2204-14	8.3	35
205	Analogues of (3R)-7-hydroxy-N-[(1S)-1-[[[(3R,4R)-4-(3-hydroxyphenyl)-3,4-dimethyl-1-piperidinyl]methyl]-2-methylpropyl]-1,2,3,4-tetrahydroquinoline-2-carboxamide]piperazine (JDTic). Synthesis and in vitro and in vivo opioid receptor antagonist activity. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 5230-38	8.3	35
204	1-Substituted 4-(3-Hydroxyphenyl)piperazines Are Pure Opioid Receptor Antagonists. <i>ACS Medicinal Chemistry Letters</i> , 2010 , 1, 365-369	4.3	6
203	Nicotinic acetylcholine receptor efficacy and pharmacological properties of 3-(substituted phenyl)-2 β -substituted tropanes. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 8345-53	8.3	5
202	Synthesis, nicotinic acetylcholine receptor binding, and antinociceptive properties of 3 α -(substituted phenyl)epibatidine analogues. Nicotinic partial agonists. <i>Journal of Natural Products</i> , 2010 , 73, 306-12	4.9	11
201	Kappa opioid mediation of cannabinoid effects of the potent hallucinogen, salvinorin A, in rodents. <i>Psychopharmacology</i> , 2010 , 210, 275-84	4.7	35

200	Role of kappa-opioid receptors in the effects of salvinorin A and ketamine on attention in rats. <i>Psychopharmacology</i> , 2010 , 210, 263-74	4.7	67
199	Effectiveness of analogs of the kappa opioid receptor antagonist (3R)-7-hydroxy-N-((1S)-1-[[[(3R,4R)-4-(3-hydroxyphenyl)-3,4-dimethyl-1-piperidinyl]methyl]-2-methylpropyl]-1,2,3,4-tetrahydropyridin-5-yl)carbamate (JDTic) to reduce U50,488-induced diuresis and stress-induced cocaine reinstatement in rats. <i>Psychopharmacology</i> , 2010 , 210, 189-98	4.7	35
198	Lower reinforcing strength of the phenyltropane cocaine analogs RTI-336 and RTI-177 compared to cocaine in nonhuman primates. <i>Pharmacology Biochemistry and Behavior</i> , 2010 , 96, 274-8	3.9	10
197	From rapid in vitro screening to rapid in vivo screening in the drug discovery process. <i>Neuropsychopharmacology</i> , 2009 , 34, 251-2	8.7	9
196	High specific activity (+)-amphetamine and (+)-methamphetamine. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2009 , 52, 457-462	1.9	3
195	Neutral antagonist activity of naltrexone and 6beta-naltrexol in naïve and opioid-dependent C6 cells expressing a mu-opioid receptor. <i>British Journal of Pharmacology</i> , 2009 , 156, 1044-53	8.6	22
194	Positive allosteric modulation of the human cannabinoid (CB) receptor by RTI-371, a selective inhibitor of the dopamine transporter. <i>British Journal of Pharmacology</i> , 2009 , 156, 1178-84	8.6	70
193	Synthesis and structure-activity relationship of 3beta-(4-alkylthio, -methylsulfinyl, and -methylsulfonylphenyl)tropane and 3beta-(4-alkylthiophenyl)nortropane derivatives for monoamine transporters. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5126-32	3.4	5
192	Synthesis and in vitro opioid receptor functional antagonism of methyl-substituted analogues of (3R)-7-hydroxy-N-[(1S)-1-[[[(3R,4R)-4-(3-hydroxyphenyl)-3,4-dimethyl-1-piperidinyl]methyl]-2-methylpropyl]-1,2,3,4-tetrahydropyridin-5-yl]carbamate (JDTic). <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 7463-72	4.5	38
191	Functional and biological determinants affecting the duration of action and efficacy of anti-(+)-methamphetamine monoclonal antibodies in rats. <i>Vaccine</i> , 2009 , 27, 7011-20	4.1	27
190	Synthesis and biological evaluation of bupropion analogues as potential pharmacotherapies for cocaine addiction. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 6768-81	8.3	100
189	The synthesis of haptens and their use for the development of monoclonal antibodies for treating methamphetamine abuse. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 7301-9	8.3	27
188	EPIBATIDINE ANALOGS SYNTHESIZED FOR CHARACTERIZATION OF NICOTINIC PHARMACOPHORES-A REVIEW. <i>Heterocycles</i> , 2009 , 79, 99-120	0.8	18
187	mGluR5 antagonists that block calcium mobilization in vitro also reverse (S)-3,5-DHPG-induced hyperalgesia and morphine antinociceptive tolerance in vivo. <i>Brain Research</i> , 2008 , 1187, 58-66	3.7	17
186	Relationship between rate of drug uptake in brain and behavioral pharmacology of monoamine transporter inhibitors in rhesus monkeys. <i>Pharmacology Biochemistry and Behavior</i> , 2008 , 90, 453-62	3.9	38
185	Development of 3-phenyltropane analogues with high affinity for the dopamine and serotonin transporters and low affinity for the norepinephrine transporter. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 8048-56	8.3	9
184	Improved Synthesis of the ORL Antagonist 1-[(3R,4R)-1-Cyclooctylmethyl-3-ethoxycarbonyl-4-piperidinyl]-3-ethyl-1,3-dihydro-2H-benzimidazol-2-one (J-113397). <i>Synthetic Communications</i> , 2008 , 38, 1926-1930	7	1
183	Preparation of carbon-14 labeled (3R)-7-hydroxy-N-(1S)-1-[[[(3R,4R)-4-(3-hydroxyphenyl)-3,4-dimethyl-1-piperidinyl]methyl]-2-methylpropyl]-1,2,3,4-tetrahydropyridin-5-yl)carbamate (JDTic). <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2008 , 51, 440-443	4.0	10

182	A new synthesis of the ORL-1 antagonist 1-[(3R,4R)-1-cyclooctylmethyl-3-hydroxymethyl-4-piperidinyl]-3-ethyl-1,3-dihydro-2H-benzimidazol-2-one (J-113397) and activity in a calcium mobilization assay. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 822-9	3.4	9
181	Synthesis, nicotinic acetylcholine receptor binding, and pharmacological properties of 3Q(substituted phenyl)deschloroepibatidine analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 746-54	3.4	15
180	Synthesis and receptor binding properties of 2beta-alkynyl and 2beta-(1,2,3-triazol)substituted 3beta-(substituted phenyl)tropane derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 5529-35	3.4	5
179	Synthesis and monoamine transporter binding properties of 2beta-[3Q(substituted benzyl)isoxazol-5-yl]- and 2beta-[3Qmethyl-4Q(substituted phenyl)isoxazol-5-yl]-3beta-(substituted phenyl)tropanes. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 6682-8	3.4	6
178	3QFluoro substitution in the pyridine ring of epibatidine improves selectivity and efficacy for alpha4beta2 versus alpha3beta4 nAChRs. <i>Neuropharmacology</i> , 2008 , 55, 1287-92	5.5	5
177	Synthesis and in vitro opioid receptor functional antagonism of analogues of the selective kappa opioid receptor antagonist (3R)-7-hydroxy-N-((1S)-1-[[[(3R,4R)-4-(3-hydroxyphenyl)-3,4-dimethyl-1-piperidinyl]methyl]-2-methylpropyl]-1,2,3,4-tetrahydropyridin-2-yl)propan-1-amine (UPT-6). <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 1810-18	8.3	21
176	Antagonists at metabotropic glutamate receptor subtype 5: structure activity relationships and therapeutic potential for addiction. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1141, 221-32	6.5	48
175	Development of the Dopamine Transporter Selective RTI-336 as a Pharmacotherapy for Cocaine Abuse 2008 , 179		2
174	Using hapten design to discover therapeutic monoclonal antibodies for treating methamphetamine abuse. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 322, 30-9	4.7	54
173	Synthesis, monoamine transporter binding, properties, and functional monoamine uptake activity of 3beta-[4-methylphenyl and 4-chlorophenyl]-2 beta-[5-(substituted phenyl)thiazol-2-yl]tropanes. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3686-95	8.3	9
172	Synthesis, nicotinic acetylcholine receptor binding, antinociceptive and seizure properties of methyllycaconitine analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 678-85	3.4	15
171	Faster onset and dopamine transporter selectivity predict stimulant and reinforcing effects of cocaine analogs in squirrel monkeys. <i>Pharmacology Biochemistry and Behavior</i> , 2007 , 86, 45-54	3.9	47
170	Effects of combined dopamine and serotonin transporter inhibitors on cocaine self-administration in rhesus monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 320, 757-65	4.7	64
169	Improved Procedure for the Synthesis of DAMGO. <i>Synthetic Communications</i> , 2007 , 37, 2345-2348	1.7	0
168	Synthesis and nicotinic acetylcholine receptor binding properties of bridged and fused ring analogues of epibatidine. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 6383-91	8.3	29
167	Anxiolytic-like effects of kappa-opioid receptor antagonists in models of unlearned and learned fear in rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 323, 838-45	4.7	196
166	Synthesis and pharmacological evaluation of phenylethynyl[1,2,4]methyltriazines as analogues of 3-methyl-6-(phenylethynyl)pyridine. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3388-91	8.3	19
165	Effects of dopamine transporter selective 3-phenyltropane analogs on locomotor activity, drug discrimination, and cocaine self-administration after oral administration. <i>European Journal of Pharmacology</i> , 2006 , 553, 149-56	5.3	18

164	Dopamine transporter ligands: recent developments and therapeutic potential. <i>Current Topics in Medicinal Chemistry</i> , 2006 , 6, 1825-43	3	63
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35	In vivo binding of [¹²⁵ I]RTI-55 to dopamine transporters: pharmacology and regional distribution with autoradiography. <i>Synapse</i> , 1992 , 12, 37-46	2.4	60
34	Synthesis of 2-(3-substituted-1,2,4-oxadiazol-5-yl)-8-methyl-8-azabicyclo [3.2.1]octanes and 2 alpha-(3-substituted-1,2,4-oxadiazol-5-yl)-8-methyl-8- azabicyclo[3.2.1]oct-2-enes as potential muscarinic agonists. <i>Pharmaceutical Research</i> , 1992 , 9, 1474-9	4.5	7
33	Cocaine receptor: biochemical characterization and structure-activity relationships of cocaine analogues at the dopamine transporter. <i>Journal of Medicinal Chemistry</i> , 1992 , 35, 969-81	8.3	275
32	Synthesis and spectral analysis of (E)-cis-N-[1-(2-hydroxy-2-phenyl-ethyl)-3-methyl-4-piperidyl]-N-phenylpropanamide and (E)-cis-N-[1-(2-hydroxy-1-phenylethyl)-3-methyl-4-piperidyl]-N-phenylpropanamide. <i>Journal of Heterocyclic Chemistry</i> , 1992 , 29, 1773-1779	1.9	2
31	Synthesis and ligand binding of cocaine isomers at the cocaine receptor. <i>Journal of Medicinal Chemistry</i> , 1991 , 34, 883-6	8.3	72
30	Potent substituted-3 beta-phenyltropane analogs of cocaine have cocaine-like discriminative stimulus effects. <i>Drug and Alcohol Dependence</i> , 1991 , 29, 145-51	4.9	20
29	Synthesis, ligand binding, QSAR, and CoMFA study of 3 beta-(p-substituted phenyl)tropane-2 beta-carboxylic acid methyl esters. <i>Journal of Medicinal Chemistry</i> , 1991 , 34, 2719-25	8.3	181
28	Isothiocyanate derivatives of cocaine: irreversible inhibition of ligand binding at the dopamine transporter. <i>Molecular Pharmacology</i> , 1991 , 39, 339-45	4.3	25
27	An improved resolution of (E)-cis-N-normetazocine. <i>Journal of Heterocyclic Chemistry</i> , 1990 , 27, 2139-2143	9	18
26	SYNTHESIS OF POTENTIAL 1-[1-(2-THIENYL)CYCLOHEXYL]PIPERIDINE METABOLITES. <i>Organic Preparations and Procedures International</i> , 1990 , 22, 124-128	1.1	0
25	Carbon-13 nuclear magnetic resonance spectra of fentanyl analogs. <i>Journal of Heterocyclic Chemistry</i> , 1989 , 26, 677-686	1.9	17
24	Solid-state and solution conformations of methadone hydrochloride and related compounds. <i>Magnetic Resonance in Chemistry</i> , 1989 , 27, 311-317	2.1	2
23	Synthesis of fentanyl analogs. <i>NIDA Research Monograph</i> , 1989 , 95, 497-8		
22	An improved synthesis of galanthamine. <i>Journal of Heterocyclic Chemistry</i> , 1988 , 25, 1809-1811	1.9	28
21	AN IMPROVED SYNTHESIS OF 1,4-BIS(2-METHYL-6-KIHYLANILINO)ANTHRAQUINONE. <i>Organic Preparations and Procedures International</i> , 1987 , 19, 57-60	1.1	0

20	A practical synthesis of (+)-cocaine. <i>Journal of Heterocyclic Chemistry</i> , 1987 , 24, 19-21	1.9	24
19	Synthesis and spectral properties of optically active 2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine: Primary methadone metabolite. <i>Journal of Heterocyclic Chemistry</i> , 1986 , 23, 369-374	1.9	0
18	Carbon-13 nuclear magnetic resonance spectra of phencyclidine analogs substituted in the piperidine and aromatic rings. <i>Journal of Heterocyclic Chemistry</i> , 1984 , 21, 71-75	1.9	5
17	SYNTHESIS OF 4-(4?-HYDROXYPIPERIDINO)-4-PHENYLCYCLOHEXANOL, A DIHYDROXY PHENCYCLIDINE METABOLITE. <i>Organic Preparations and Procedures International</i> , 1983 , 15, 371-377	1.1	2
16	Synthesis of naphthyridinone derivatives as potential antimalarials. <i>Journal of Heterocyclic Chemistry</i> , 1981 , 18, 941-946	1.9	10
15	Carbon-13 nuclear magnetic resonance spectra of methaqualone metabolites. <i>Journal of Heterocyclic Chemistry</i> , 1979 , 16, 25-28	1.9	2
14	Carbon-13 nuclear magnetic resonance spectra of phenycyclidine analogs. <i>Journal of Heterocyclic Chemistry</i> , 1979 , 16, 1425-1429	1.9	15
13	SYNTHESIS OF (R)-5-ALKYL-5-(1-METHYL-3-CARBOXYPROPYL) BARBITURIC ACIDS AND (R)-ALKYL-5-(1-METHYL-3-CARBOXYPROPYL)-2-THIOBARBITURIC ACIDS. <i>Organic Preparations and Procedures International</i> , 1978 , 10, 21-27	1.1	1
12	FORMYLATION OF ARENES BY β,β -DICHLOROMETHYL METHYL ETHER. AN IMPROVED EXPERIMENTAL PROCEDURE. <i>Organic Preparations and Procedures International</i> , 1978 , 10, 201-204	1.1	11
11	Synthesis of Morphine-3-Glucuronide. <i>Synthetic Communications</i> , 1975 , 5, 231-236	1.7	18
10	SYNTHESIS OF METABOLITES OF PHENOBARBITAL AND MEPHOBARBITAL. <i>Organic Preparations and Procedures International</i> , 1975 , 7, 117-122	1.1	2
9	4-PYRIDYLETHYLENE OXIDE. <i>Organic Preparations and Procedures International</i> , 1971 , 3, 121-124	1.1	2
8	Synthesis of (3S,5R)-cis- and (3S,5S)-trans-3,5-Dimethylvalerolactones and Their Conversion to Biotransformation Products of (S)-5-Ethyl-5-(2?-pentyl)barbituric Acid. <i>Synthetic Communications</i> , 1971 , 1, 169-174	1.7	3
7	Synthesis of 1,2-disubstituted naphth [1,2-d]imidazole-4,5-diones. <i>Journal of Heterocyclic Chemistry</i> , 1970 , 7, 297-306	1.9	1
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