

Thomas E Priszano

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152
papers

4,402
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166
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4,844
ext. citations

5.1
avg, IF

5.48
L-index

#	Paper	IF	Citations
152	Evidence for the involvement of dopamine transporters in behavioral stimulant effects of modafinil. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 329, 738-46	4.7	152
151	Monohydroxylated metabolites of the K2 synthetic cannabinoid JWH-073 retain intermediate to high cannabinoid 1 receptor (CB1R) affinity and exhibit neutral antagonist to partial agonist activity. <i>Biochemical Pharmacology</i> , 2012 , 83, 952-61	6	131
150	Gedunin, a novel hsp90 inhibitor: semisynthesis of derivatives and preliminary structure-activity relationships. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 6495-502	8.3	126
149	Neoclerodane diterpenes as a novel scaffold for mu opioid receptor ligands. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 4765-71	8.3	125
148	Development of functionally selective, small molecule agonists at kappa opioid receptors. <i>Journal of Biological Chemistry</i> , 2013 , 288, 36703-16	5.4	109
147	Human psychopharmacology and dose-effects of salvinorin A, a kappa opioid agonist hallucinogen present in the plant <i>Salvia divinorum</i> . <i>Drug and Alcohol Dependence</i> , 2011 , 115, 150-5	4.9	100
146	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
145	Reactive oxygen and targeted antioxidant administration in endothelial cell mitochondria. <i>Journal of Biological Chemistry</i> , 2006 , 281, 39766-75	5.4	94
144	Neuropharmacology of the naturally occurring kappa-opioid hallucinogen salvinorin A. <i>Pharmacological Reviews</i> , 2011 , 63, 316-47	22.5	88
143	Psychopharmacology of the hallucinogenic sage <i>Salvia divinorum</i> . <i>Life Sciences</i> , 2005 , 78, 527-31	6.8	85
142	Dose-related effects of salvinorin A in humans: dissociative, hallucinogenic, and memory effects. <i>Psychopharmacology</i> , 2013 , 226, 381-92	4.7	84
141	Kappa opioids and the modulation of pain. <i>Psychopharmacology</i> , 2010 , 210, 109-19	4.7	80
140	Salvinorin A analogs as probes in opioid pharmacology. <i>Chemical Reviews</i> , 2008 , 108, 1732-43	68.1	73
139	Role of Ventral Subiculum in Context-Induced Relapse to Alcohol Seeking after Punishment-Imposed Abstinence. <i>Journal of Neuroscience</i> , 2016 , 36, 3281-94	6.6	72
138	Synthesis and Epioid receptor activity of furan-substituted salvinorin A analogues. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 10464-75	8.3	67
137	Pharmacokinetics of the plant-derived kappa-opioid hallucinogen salvinorin A in nonhuman primates. <i>Synapse</i> , 2005 , 58, 208-10	2.4	66
136	Dopamine transport inhibitors based on GBR12909 and benztropine as potential medications to treat cocaine addiction. <i>Biochemical Pharmacology</i> , 2008 , 75, 2-16	6	64

135	Salvinorin A regulates dopamine transporter function via a kappa opioid receptor and ERK1/2-dependent mechanism. <i>Neuropharmacology</i> , 2014 , 86, 228-40	5.5	58
134	Flavonoids as opioid receptor ligands: identification and preliminary structure-activity relationships. <i>Journal of Natural Products</i> , 2007 , 70, 1278-82	4.9	57
133	A facile method for the preparation of deuterium labeled salvinorin A: synthesis of [2,2,2-2H ₃]-salvinorin A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 5099-102	2.9	56
132	Salvinorin A: allosteric interactions at the mu-opioid receptor. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 320, 801-10	4.7	55
131	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
130	Herkinorin analogues with differential beta-arrestin-2 interactions. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 2421-31	8.3	52
129	Effect of kappa-opioid receptor agonists U69593, U50488H, spiradoline and salvinorin A on cocaine-induced drug-seeking in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2009 , 94, 244-9	3.9	51
128	A comparison of noninternalizing (herkinorin) and internalizing (DAMGO) mu-opioid agonists on cellular markers related to opioid tolerance and dependence. <i>Synapse</i> , 2007 , 61, 166-75	2.4	51
127	Kappa opioids as potential treatments for stimulant dependence. <i>AAPS Journal</i> , 2005 , 7, E592-9	3.7	50
126	High-dose fenfluramine administration decreases serotonin transporter binding, but not serotonin transporter protein levels, in rat forebrain. <i>Synapse</i> , 2003 , 50, 233-9	2.4	50
125	Salvinicins A and B, new neoclerodane diterpenes from <i>Salvia divinorum</i> . <i>Organic Letters</i> , 2005 , 7, 3017-20	2.2	50
124	Behavioral and Physiological Effects of a Novel Kappa-Opioid Receptor-Based DREADD in Rats. <i>Neuropsychopharmacology</i> , 2016 , 41, 402-9	8.7	49
123	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
122	Antinociceptive effects of herkinorin, a MOP receptor agonist derived from salvinorin A in the formalin test in rats: new concepts in mu opioid receptor pharmacology: from a symposium on new concepts in mu-opioid pharmacology. <i>Drug and Alcohol Dependence</i> , 2012 , 121, 181-8	4.9	48
121	Synthetic studies of neoclerodane diterpenes from <i>Salvia divinorum</i> : semisynthesis of salvinicins A and B and other chemical transformations of salvinorin A. <i>Journal of Natural Products</i> , 2006 , 69, 107-12	4.9	48
120	Determination of Salvinorin A in body fluids by high performance liquid chromatography-atmospheric pressure chemical ionization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 818, 221-5	3.2	48
119	Unconditioned behavioral effects of the powerful kappa-opioid hallucinogen salvinorin A in nonhuman primates: fast onset and entry into cerebrospinal fluid. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 328, 588-97	4.7	47
118	Effects of salvinorin A, a kappa-opioid hallucinogen, on a neuroendocrine biomarker assay in nonhuman primates with high kappa-receptor homology to humans. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 320, 300-6	4.7	47

117	Synthesis of salvinorin A analogues as opioid receptor probes. <i>Journal of Natural Products</i> , 2006 , 69, 914-9	4.9	47
116	Synthesis and determination of the absolute configuration of the enantiomers of modafinil. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 1053-1058		46
115	Reinstatement of methamphetamine seeking in male and female rats treated with modafinil and allopregnanolone. <i>Drug and Alcohol Dependence</i> , 2012 , 120, 233-7	4.9	45
114	Structure-activity relationship studies of functionally selective kappa opioid receptor agonists that modulate ERK 1/2 phosphorylation while preserving G protein over β arrestin2 signaling bias. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 1411-9	5.7	43
113	Uptake, distribution and diffusivity of reactive fluorophores in cells: implications toward target identification. <i>Molecular Pharmaceutics</i> , 2010 , 7, 1301-10	5.6	43
112	Evaluation of the transport, in vitro metabolism and pharmacokinetics of Salvinorin A, a potent hallucinogen. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 72, 471-7	5.7	42
111	Natural products as tools for neuroscience: discovery and development of novel agents to treat drug abuse. <i>Journal of Natural Products</i> , 2009 , 72, 581-7	4.9	41
110	Synthetic studies of neoclerodane diterpenes from <i>Salvia divinorum</i> : preparation and opioid receptor activity of salvinicin analogues. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3596-603	8.3	41
109	Synthetic studies of neoclerodane diterpenes from <i>Salvia divinorum</i> : selective modification of the furan ring. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 3170-4	2.9	41
108	Salvinorin A analogs and other β opioid receptor compounds as treatments for cocaine abuse. <i>Advances in Pharmacology</i> , 2014 , 69, 481-511	5.7	37
107	Discovery of Small Molecule Kappa Opioid Receptor Agonist and Antagonist Chemotypes through a HTS and Hit Refinement Strategy. <i>ACS Chemical Neuroscience</i> , 2012 , 3, 221-236	5.7	36
106	Azaphilones inhibit tau aggregation and dissolve tau aggregates in vitro. <i>ACS Chemical Neuroscience</i> , 2015 , 6, 751-60	5.7	35
105	Assessment of the kappa opioid agonist, salvinorin A, as a punisher of drug self-administration in monkeys. <i>Psychopharmacology</i> , 2014 , 231, 2751-8	4.7	35
104	Fragment-based screening by X-ray crystallography, MS and isothermal titration calorimetry to identify PNMT (phenylethanolamine N-methyltransferase) inhibitors. <i>Biochemical Journal</i> , 2010 , 431, 51-61	3.8	35
103	Design, synthesis, and biological evaluation of aminoalkylindole derivatives as cannabinoid receptor ligands with potential for treatment of alcohol abuse. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 4537-50	8.3	33
102	The discriminative effects of the kappa-opioid hallucinogen salvinorin A in nonhuman primates: dissociation from classic hallucinogen effects. <i>Psychopharmacology</i> , 2010 , 210, 253-62	4.7	33
101	Enzyme-mediated protein haptentation of dapson and sulfamethoxazole in human keratinocytes: I. Expression and role of cytochromes P450. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 319, 488-96	4.7	33
100	Behavioral evaluation of modafinil and the abuse-related effects of cocaine in rhesus monkeys. <i>Experimental and Clinical Psychopharmacology</i> , 2010 , 18, 395-408	3.2	31

99	Synthetic Studies of Neoclerodane Diterpenes from <i>Salvia divinorum</i> : Identification of a Potent and Centrally Acting μ Opioid Analgesic with Reduced Abuse Liability. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 11027-11038	8.3	30
98	Potential Drug Abuse Therapeutics Derived from the Hallucinogenic Natural Product Salvinorin A. <i>MedChemComm</i> , 2011 , 2, 1217-1222	5	29
97	Synthetic studies of neoclerodane diterpenoids from <i>Salvia splendens</i> and evaluation of Opioid Receptor affinity. <i>Tetrahedron</i> , 2008 , 64, 10041-10048	2.4	29
96	Investigation of the role of μ Arrestin2 in kappa opioid receptor modulation in a mouse model of pruritus. <i>Neuropharmacology</i> , 2015 , 99, 600-9	5.5	28
95	Synthesis and determination of the absolute stereochemistry of the enantiomers of adrafinil and modafinil. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 3811-3815		28
94	Opioid receptor probes derived from cycloaddition of the hallucinogen natural product salvinorin A. <i>Journal of Natural Products</i> , 2011 , 74, 718-26	4.9	27
93	Synthetic studies of neoclerodane diterpenes from <i>Salvia divinorum</i> : exploration of the 1-position. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 6111-5	2.9	25
92	Synthesis and biological activity of 8beta-substituted hydrocodone indole and hydromorphone indole derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002 , 12, 165-8	2.9	25
91	Preclinical Testing of Nalfurafine as an Opioid-sparing Adjuvant that Potentiates Analgesia by the μ Opioid Receptor-targeting Agonist Morphine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 371, 487-499	4.7	25
90	Semisynthetic neoclerodanes as kappa opioid receptor probes. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 3100-10	3.4	24
89	Imidazoline-modified benzylimidazolines as h5-HT(1D/1B) serotonergic ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 613-9	3.4	24
88	The unique psychostimulant profile of (π)-modafinil: investigation of behavioral and neurochemical effects in mice. <i>European Journal of Neuroscience</i> , 2017 , 45, 167-174	3.5	23
87	Addressing Structural Flexibility at the A-Ring on Salvinorin A: Discovery of a Potent Kappa-Opioid Agonist with Enhanced Metabolic Stability. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 3866-3878	8.3	22
86	Functional selectivity of kappa opioid receptor agonists in peripheral sensory neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 355, 174-82	4.7	22
85	Kappa Opioid Receptor Agonist Mesyl Sal B Attenuates Behavioral Sensitization to Cocaine with Fewer Aversive Side-Effects than Salvinorin A in Rodents. <i>Molecules</i> , 2018 , 23,	4.8	22
84	Identification of a novel "almost neutral" micro-opioid receptor antagonist in CHO cells expressing the cloned human mu-opioid receptor. <i>Synapse</i> , 2010 , 64, 280-8	2.4	21
83	Synthesis and Opioid Activity of Tyr - $[(Z)CF=CH]$ -Gly and Tyr - $[(S)/(R)-CF CH-NH]$ -Gly Leu-enkephalin Fluorinated Peptidomimetics. <i>ChemMedChem</i> , 2017 , 12, 571-576	3.7	20
82	Kappa opioid agonists reduce oxycodone self-administration in male rhesus monkeys. <i>Psychopharmacology</i> , 2020 , 237, 1471-1480	4.7	20

81	Synergistic blockade of alcohol escalation drinking in mice by a combination of novel kappa opioid receptor agonist Mesyl Salvinorin B and naltrexone. <i>Brain Research</i> , 2017 , 1662, 75-86	3.7	19
80	Cannabinoid agonists increase the interaction between β Arrestin 2 and ERK1/2 and upregulate β Arrestin 2 and 5-HT(2A) receptors. <i>Pharmacological Research</i> , 2013 , 68, 46-58	10.2	19
79	Role of dopamine transporter (DAT) in dopamine transport across the nasal mucosa. <i>Life Sciences</i> , 2006 , 79, 1391-8	6.8	19
78	The C-2 derivatives of salvinorin A, ethoxymethyl ether Sal B and β tetrahydropyran Sal B, have anti-cocaine properties with minimal side effects. <i>Psychopharmacology</i> , 2017 , 234, 2499-2514	4.7	18
77	Behavioral effects and central nervous system levels of the broadly available β agonist hallucinogen salvinorin A are affected by P-glycoprotein modulation in vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012 , 341, 802-8	4.7	18
76	Neoclerodanes as atypical opioid receptor ligands. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 3435-43	8.3	18
75	Strategies for Developing Opioid Receptor Agonists for the Treatment of Pain with Fewer Side Effects. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020 , 375, 332-348	4.7	18
74	Impact of Pharmacological Manipulation of the μ -Opioid Receptor System on Self-grooming and Anhedonic-like Behaviors in Male Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 370, 1-8	4.7	17
73	Benzylimidazolines as h5-HT1B/1D serotonin receptor ligands: a structure-affinity investigation. <i>Journal of Medicinal Chemistry</i> , 1998 , 41, 2243-51	8.3	17
72	Differential effects of opioid agonists on G protein expression in CHO cells expressing cloned human opioid receptors. <i>Brain Research Bulletin</i> , 2008 , 77, 49-54	3.9	17
71	Structure-activity relationship studies of highly selective inhibitors of the dopamine transporter: N-benzylpiperidine analogues of 1-[2-[bis(4-fluorophenyl)methoxy]ethyl]-4-(3-phenylpropyl)piperazine. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 1465-9	8.3	17
70	Piperidine analogues of 1-[2-[bis(4-fluorophenyl)methoxy]ethyl]-4-(3-phenylpropyl)piperazine (GBR 12909): high affinity ligands for the dopamine transporter. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 4371-4	8.3	17
69	Mitochondrial targeted coenzyme Q, superoxide, and fuel selectivity in endothelial cells. <i>PLoS ONE</i> , 2009 , 4, e4250	3.7	17
68	Characterization of kappa opioid receptor mediated, dynorphin-stimulated [³⁵ S]GTP γ S binding in mouse striatum for the evaluation of selective KOR ligands in an endogenous setting. <i>Neuropharmacology</i> , 2015 , 99, 131-41	5.5	16
67	A single injection of a novel μ opioid receptor agonist salvinorin A attenuates the expression of cocaine-induced behavioral sensitization in rats. <i>Behavioural Pharmacology</i> , 2012 , 23, 162-70	2.4	16
66	Synthetic studies of neoclerodane diterpenes from <i>Salvia divinorum</i> : role of the furan in affinity for opioid receptors. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 3748-56	3.9	16
65	Design and synthesis of promiscuous high-affinity monoamine transporter ligands: unraveling transporter selectivity. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 1766-72	8.3	16
64	Synthesis and dopamine transporter affinity of chiral 1-[2-[bis(4-fluorophenyl)methoxy]ethyl]-4-(2-hydroxypropyl)piperazines as potential cocaine abuse therapeutic agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 553-6	2.9	16

63	Chemical methods for the synthesis and modification of neoclerodane diterpenes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 5490-5	2.9	15
62	Synthetic Studies of Neoclerodane Diterpenes from : Design, Synthesis, and Evaluation of Analogues with Improved Potency and G-protein Activation Bias at the μ Opioid Receptor. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 1781-1790	5.7	13
61	(S)-N-(2,5-Dimethylphenyl)-1-(quinoline-8-ylsulfonyl)pyrrolidine-2-carboxamide as a small molecule inhibitor probe for the study of respiratory syncytial virus infection. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 8582-7	8.3	13
60	The effects of herkinorin, the first mu-selective ligand from a salvinorin A-derived scaffold, in a neuroendocrine biomarker assay in nonhuman primates. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 327, 154-60	4.7	13
59	Structure-activity relationships of substituted N-benzyl piperidines in the GBR series: Synthesis of 4-(2-(bis(4-fluorophenyl)methoxy)ethyl)-1-(2-trifluoromethylbenzyl)piperidine, an allosteric modulator of the serotonin transporter. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 3967-73	3.4	13
58	Modafinil and its metabolites enhance the anticonvulsant action of classical antiepileptic drugs in the mouse maximal electroshock-induced seizure model. <i>Psychopharmacology</i> , 2015 , 232, 2463-79	4.7	12
57	Holo Structure and Steady State Kinetics of the Thiazoliny Imine Reductases for Siderophore Biosynthesis. <i>Biochemistry</i> , 2016 , 55, 5423-33	3.2	12
56	Time course of pharmacokinetic and hormonal effects of inhaled high-dose salvinorin A in humans. <i>Journal of Psychopharmacology</i> , 2016 , 30, 323-9	4.6	12
55	The 2-methoxy methyl analogue of salvinorin A attenuates cocaine-induced drug seeking and sucrose reinforcements in rats. <i>European Journal of Pharmacology</i> , 2013 , 720, 69-76	5.3	12
54	Synthesis of neoclerodane diterpenes and their pharmacological effects. <i>Topics in Current Chemistry</i> , 2011 , 299, 141-85		12
53	Opioid Receptor Ligands 2010 , 569-736		12
52	DAT/SERT selectivity of flexible GBR 12909 analogs modeled using 3D-QSAR methods. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 1146-59	3.4	12
51	Effects of mesyl salvinorin B alone and in combination with naltrexone on alcohol deprivation effect in male and female mice. <i>Neuroscience Letters</i> , 2018 , 673, 19-23	3.3	11
50	Modular Approach to pseudo-Neoclerodanes as Designer μ Opioid Ligands. <i>Organic Letters</i> , 2017 , 19, 5414-5417	6.2	11
49	Modafinil alone and in combination with low dose amphetamine does not establish conditioned place preference in male Sprague-Dawley rats. <i>Experimental and Clinical Psychopharmacology</i> , 2013 , 21, 252-8	3.2	11
48	Further exploration of 1-[2-[Bis-(4-fluorophenyl)methoxy]ethyl]piperazine (GBR 12909): role of N-aromatic, N-heteroaromatic, and 3-oxygenated N-phenylpropyl substituents on affinity for the dopamine and serotonin transporter. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 1385-9	2.9	11
47	Enantioselective synthesis of (2R,3R)- and (2S,3S)-2-[(3-chlorophenyl)-(2-methoxyphenoxy)methyl]morpholine. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 2249-2256		11
46	Semisynthesis and Kappa-Opioid Receptor Activity of Derivatives of Columbin, a Furanolactone Diterpene. <i>Journal of Natural Products</i> , 2017 , 80, 2094-2100	4.9	10

45	Evaluation of Biased and Balanced Salvinorin A Analogs in Preclinical Models of Pain. <i>Frontiers in Neuroscience</i> , 2020 , 14, 765	5.1	10
44	Palladium-catalyzed transformations of salvinorin A, a neoclerodane diterpene from <i>Salvia divinorum</i> . <i>Organic Letters</i> , 2013 , 15, 5936-9	6.2	9
43	Identification of unprecedented purine-containing compounds, the zingerines, from ginger rhizomes (<i>Zingiber officinale</i> Roscoe) using a phase-trafficking approach. <i>Phytochemistry</i> , 2011 , 72, 935-41	4.1	9
42	New therapeutic potential for psychoactive natural products. <i>Natural Product Reports</i> , 2010 , 27, 23-31	15.1	9
41	Synthetic studies on neoclerodane diterpenes from <i>Salvia splendens</i> : oxidative modifications of ring A. <i>Tetrahedron</i> , 2009 , 65, 1708-1715	2.4	9
40	Development of Neurochemical Normalization (“Agonist Substitution”) Therapeutics for Stimulant Abuse: Focus on the Dopamine Uptake Inhibitor, GBR12909. <i>Current Medicinal Chemistry - Central Nervous System Agents</i> , 2004 , 4, 47-59		9
39	The Acute Effects of the Atypical Dissociative Hallucinogen Salvinorin A on Functional Connectivity in the Human Brain. <i>Scientific Reports</i> , 2020 , 10, 16392	4.9	9
38	Studies toward the Development of Antiproliferative Neoclerodanes from Salvinorin A. <i>Journal of Natural Products</i> , 2014 , 77, 1817-24	4.9	8
37	Combined effects of modafinil and d-amphetamine in male Sprague-Dawley rats trained to discriminate d-amphetamine. <i>Pharmacology Biochemistry and Behavior</i> , 2013 , 110, 208-15	3.9	8
36	Expanding the results of a high throughput screen against an isochorismate-pyruvate lyase to enzymes of a similar scaffold or mechanism. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 5961-9	3.4	7
35	A concise synthesis of (S)-(+)-1-(4-{2-[bis-(4-fluorophenyl)methoxy]-ethyl}piperazin-1-yl)-2-phenylpropan-2-ol dimaleate. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 3285-3289		7
34	Nalfurafine reduces neuroinflammation and drives remyelination in models of CNS demyelinating disease. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1234	6.8	7
33	Potency enhancement of the μ -opioid receptor antagonist probe ML140 through sulfonamide constraint utilizing a tetrahydroisoquinoline motif. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 3948-56	3.4	6
32	Scalable Regioselective and Stereoselective Synthesis of Functionalized (E)-4-Iodobut-3-en-1-ols: Gram-Scale Total Synthesis of Fungal Decanolides and Derivatives. <i>Journal of Organic Chemistry</i> , 2018 , 83, 980-992	4.2	6
31	The kappa-opioid receptor agonist, nalfurafine, blocks acquisition of oxycodone self-administration and oxycodone-conditioned rewarding effects in male rats. <i>Behavioural Pharmacology</i> , 2020 , 31, 792-797	3.7	6
30	Reinforcing effects of synthetic cathinones in rhesus monkeys: Dose-response and behavioral economic analyses. <i>Pharmacology Biochemistry and Behavior</i> , 2021 , 202, 173112	3.9	6
29	2-(Anilino)imidazolines and 2-(benzyl)imidazoline derivatives as 5-HT _{1D} serotonin receptor ligands. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 4697-9	2.9	5
28	Stuffed Methyltransferase Catalyzes the Penultimate Step of Pyochelin Biosynthesis. <i>Biochemistry</i> , 2019 , 58, 665-678	3.2	5

27	Discovery of Small-Molecule Inhibitors Targeting the E3 Ubiquitin Ligase Activity of the Herpes Simplex Virus 1 ICP0 Protein Using an High-Throughput Screening Assay. <i>Journal of Virology</i> , 2019 , 93,	6.6	4
26	LC-MS/MS quantification of salvinorin A from biological fluids. <i>Analytical Methods</i> , 2013 , 5,	3.2	4
25	Permeation and metabolism of cocaine in the nasal mucosa. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2012 , 37, 255-62	2.7	4
24	Further exploration of the structure-activity relationship of imidazoquinolines; identification of potent C7-substituted imidazoquinolines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 126788	2.9	4
23	Assessment of rimonabant-like adverse effects of purported CB1R neutral antagonist / CB2R agonist aminoalkylindole derivatives in mice. <i>Drug and Alcohol Dependence</i> , 2018 , 192, 285-293	4.9	4
22	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
21	G-Protein biased opioid agonists: 3-hydroxy--phenethyl-5-phenylmorphans with three-carbon chain substituents at C9. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 896-904	3.5	3
20	N-acetyl-S-(N,N-diethylcarbamoyl) cysteine in rat nucleus accumbens, medial prefrontal cortex, and in rat and human plasma after disulfiram administration. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 107, 518-25	3.5	3
19	Utilizing nature as a source of new probes for opioid pharmacology. <i>Future Medicinal Chemistry</i> , 2009 , 1, 285-301	4.1	3
18	A concise method for the preparation of deuterium-labeled cortisone: synthesis of [6,7-2H]cortisone. <i>Steroids</i> , 2005 , 70, 763-9	2.8	3
17	Profile of a short-acting μ antagonist, LY2795050, on self-grooming behaviors, forced swim test and locomotor activity: sex comparison in mice. <i>Journal of Psychopharmacology</i> , 2021 , 35, 579-590	4.6	3
16	Predicted mode of Binding of Non-Nitrogenous μ Opioid Receptor Ligands by Metadynamics. <i>Biophysical Journal</i> , 2016 , 110, 90a	2.9	2
15	The kappa-opioid receptor agonist, triazole 1.1, reduces oxycodone self-administration and enhances oxycodone-induced thermal antinociception in male rats. <i>Psychopharmacology</i> , 2021 , 238, 3463-3476 ²	4.7	2
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11	Rational inhibitor design for Pseudomonas aeruginosa salicylate adenylation enzyme PchD.. <i>Journal of Biological Inorganic Chemistry</i> , 2022 , 1	3.7	1
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8	Design, synthesis, and preliminary evaluation of a potential synthetic opioid rescue agent. <i>Journal of Biomedical Science</i> , 2021 , 28, 62	13.3	o
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