Thomas E Prisinzano

List of Publications by Year in Descending Order

152 papers	4,402 citations	41 h-index	58 g-index
166 ext. papers	4,844 ext. citations	5.1 avg, IF	5.48 L-index

#	Paper	IF	Citations
152	Sex Differences in Kappa Opioid Receptor Agonist Mediated Attenuation of Chemotherapy-Induced Neuropathic Pain in Mice.. *Frontiers in Pharmacology*, **2022**, 13, 813562	5.6	1
151	Rational inhibitor design for Pseudomonas aeruginosa salicylate adenylation enzyme PchD.. *Journal of Biological Inorganic Chemistry*, **2022**, 1	3.7	1
150	The G-protein biased kappa opioid agonists, triazole 1.1 and nalfurafine, produce non-uniform behavioral effects in male rhesus monkeys.. *Pharmacology Biochemistry and Behavior*, **2022**, 217, 173394	3.9	0
149	Rapid-Onset Anti-Stress Effects of a Kappa-Opioid Receptor Antagonist, LY2795050, Against Immobility in an Open Space Swim Paradigm in Male and Female Mice. *Frontiers in Pharmacology*, **2021**, 12, 775317	5.6	0
148	Structure-activity studies of PTPRD phosphatase inhibitors identify a 7-cyclopentymethoxy illudalic acid analog candidate for development. *Biochemical Pharmacology*, **2021**, 195, 114868	6	1
147	Reinforcing effects of synthetic cathinones in rhesus monkeys: Dose-response and behavioral economic analyses. *Pharmacology Biochemistry and Behavior*, **2021**, 202, 173112	3.9	6
146	Discriminative-Stimulus Effects of Synthetic Cathinones in Squirrel Monkeys. *International Journal of Neuropsychopharmacology*, **2021**, 24, 656-665	5.8	0
145	Nalfurafine reduces neuroinflammation and drives remyelination in models of CNS demyelinating disease. *Clinical and Translational Immunology*, **2021**, 10, e1234	6.8	7
144	Profile of a short-acting □antagonist, LY2795050, on self-grooming behaviors, forced swim test and locomotor activity: sex comparison in mice. *Journal of Psychopharmacology*, **2021**, 35, 579-590	4.6	3
143	The kappa-opioid receptor agonist, triazole 1.1, reduces oxycodone self-administration and enhances oxycodone-induced thermal antinociception in male rats. *Psychopharmacology*, **2021**, 238, 3463-3476	4.7	2
142	Design, synthesis, and preliminary evaluation of a potential synthetic opioid rescue agent. *Journal of Biomedical Science*, **2021**, 28, 62	13.3	0
141	The Salvinorin Analogue, Ethoxymethyl Ether Salvinorin B, Promotes Remyelination in Preclinical Models of Multiple Sclerosis.. *Frontiers in Neurology*, **2021**, 12, 782190	4.1	0
140	Synthetic Studies of Neoclerodane Diterpenes from : Design, Synthesis, and Evaluation of Analogues with Improved Potency and G-protein Activation Bias at the □Opioid Receptor. *ACS Chemical Neuroscience*, **2020**, 11, 1781-1790	5.7	13
139	The Intriguing Effects of Substituents in the -Phenethyl Moiety of Norhydromorphone: A Bifunctional Opioid from a Set of "Tail Wags Dog" Experiments. *Molecules*, **2020**, 25,	4.8	3
138	G-Protein biased opioid agonists: 3-hydroxy--phenethyl-5-phenylmorphans with three-carbon chain substituents at C9. *RSC Medicinal Chemistry*, **2020**, 11, 896-904	3.5	3
137	Kappa opioid agonists reduce oxycodone self-administration in male rhesus monkeys. *Psychopharmacology*, **2020**, 237, 1471-1480	4.7	20
136	The kappa-opioid receptor agonist, nalfurafine, blocks acquisition of oxycodone self-administration and oxycodone□ conditioned rewarding effects in male rats. *Behavioural Pharmacology*, **2020**, 31, 792-797	2.4	6

135	Further exploration of the structure-activity relationship of imidazoquinolines; identification of potent C7-substituted imidazoquinolines. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 126788	2.9	4
134	The Acute Effects of the Atypical Dissociative Hallucinogen Salvinorin A on Functional Connectivity in the Human Brain. *Scientific Reports*, **2020**, 10, 16392	4.9	9
133	Evaluation of Biased and Balanced Salvinorin A Analogs in Preclinical Models of Pain. *Frontiers in Neuroscience*, **2020**, 14, 765	5.1	10
132	Strategies for Developing Opioid Receptor Agonists for the Treatment of Pain with Fewer Side Effects. *Journal of Pharmacology and Experimental Therapeutics*, **2020**, 375, 332-348	4.7	18
131	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. *Journal of Virology*, **2019**, 93,	6.6	4
130	Impact of Pharmacological Manipulation of the -Opioid Receptor System on Self-grooming and Anhedonic-like Behaviors in Male Mice. *Journal of Pharmacology and Experimental Therapeutics*, **2019**, 370, 1-8	4.7	17
129	Pharmacological Characterization of Kappa Opioid Receptor Agonists. *FASEB Journal*, **2019**, 33, 663.14	0.9	
128	Preclinical Testing of Nalfurafine as an Opioid-sparing Adjuvant that Potentiates Analgesia by the Mu Opioid Receptor-targeting Agonist Morphine. *Journal of Pharmacology and Experimental Therapeutics*, **2019**, 371, 487-499	4.7	25
127	Stuffed Methyltransferase Catalyzes the Penultimate Step of Pyochelin Biosynthesis. *Biochemistry*, **2019**, 58, 665-678	3.2	5
126	Effects of mesyl salvinorin B alone and in combination with naltrexone on alcohol deprivation effect in male and female mice. *Neuroscience Letters*, **2018**, 673, 19-23	3.3	11
125	Scalable Regioselective and Stereoselective Synthesis of Functionalized (E)-4-Iodobut-3-en-1-ols: Gram-Scale Total Synthesis of Fungal Decanolides and Derivatives. *Journal of Organic Chemistry*, **2018**, 83, 980-992	4.2	6
124	Abuse-Related Discriminative Stimulus Effects of Synthetic Cathinones. *FASEB Journal*, **2018**, 32, 822.1	0.9	
123	Kappa Opioid Receptor Agonist Mesyl Sal B Attenuates Behavioral Sensitization to Cocaine with Fewer Aversive Side-Effects than Salvinorin A in Rodents. *Molecules*, **2018**, 23,	4.8	22
122	Assessment of rimonabant-like adverse effects of purported CB1R neutral antagonist / CB2R agonist aminoalkylindole derivatives in mice. *Drug and Alcohol Dependence*, **2018**, 192, 285-293	4.9	4
121	The C-2 derivatives of salvinorin A, ethoxymethyl ether Sal B and Tetrahydropyran Sal B, have anti-cocaine properties with minimal side effects. *Psychopharmacology*, **2017**, 234, 2499-2514	4.7	18
120	Addressing Structural Flexibility at the A-Ring on Salvinorin A: Discovery of a Potent Kappa-Opioid Agonist with Enhanced Metabolic Stability. *Journal of Medicinal Chemistry*, **2017**, 60, 3866-3878	8.3	22
119	Synergistic blockade of alcohol escalation drinking in mice by a combination of novel kappa opioid receptor agonist Mesyl Salvinorin B and naltrexone. *Brain Research*, **2017**, 1662, 75-86	3.7	19
118	Synthesis and Opioid Activity of Tyr -[(Z)CF=CH]-Gly and Tyr -[(S)/(R)-CF CH-NH]-Gly Leu-enkephalin Fluorinated Peptidomimetics. *ChemMedChem*, **2017**, 12, 571-576	3.7	20

117	Modular Approach to pseudo-Neoclerodanes as Designer Opioid Ligands. *Organic Letters*, **2017**, 19, 5414-5417	6.2	11
116	Semisynthesis and Kappa-Opioid Receptor Activity of Derivatives of Columbin, a Furanolactone Diterpene. *Journal of Natural Products*, **2017**, 80, 2094-2100	4.9	10
115	The unique psychostimulant profile of ()-modafinil: investigation of behavioral and neurochemical effects in mice. *European Journal of Neuroscience*, **2017**, 45, 167-174	3.5	23
114	Holo Structure and Steady State Kinetics of the Thiazolinyl Imine Reductases for Siderophore Biosynthesis. *Biochemistry*, **2016**, 55, 5423-33	3.2	12
113	Behavioral and Physiological Effects of a Novel Kappa-Opioid Receptor-Based DREADD in Rats. *Neuropsychopharmacology*, **2016**, 41, 402-9	8.7	49
112	Role of Ventral Subiculum in Context-Induced Relapse to Alcohol Seeking after Punishment-Imposed Abstinence. *Journal of Neuroscience*, **2016**, 36, 3281-94	6.6	72
111	Time course of pharmacokinetic and hormonal effects of inhaled high-dose salvinorin A in humans. *Journal of Psychopharmacology*, **2016**, 30, 323-9	4.6	12
110	Synthetic Studies of Neoclerodane Diterpenes from Salvia divinorum: Identification of a Potent and Centrally Acting Opioid Analgesic with Reduced Abuse Liability. *Journal of Medicinal Chemistry*, **2016**, 59, 11027-11038	8.3	30
109	Predicted mode of Binding of Non-Nitrogenous Opioid Receptor Ligands by Metadynamics. *Biophysical Journal*, **2016**, 110, 90a	2.9	2
108	Potency enhancement of the opioid receptor antagonist probe ML140 through sulfonamide constraint utilizing a tetrahydroisoquinoline motif. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 3948-56	3.4	6
107	Modafinil and its metabolites enhance the anticonvulsant action of classical antiepileptic drugs in the mouse maximal electroshock-induced seizure model. *Psychopharmacology*, **2015**, 232, 2463-79	4.7	12
106	Characterization of kappa opioid receptor mediated, dynorphin-stimulated [35S]GTPS binding in mouse striatum for the evaluation of selective KOR ligands in an endogenous setting. *Neuropharmacology*, **2015**, 99, 131-41	5.5	16
105	Structure-activity relationship studies of functionally selective kappa opioid receptor agonists that modulate ERK 1/2 phosphorylation while preserving G protein over rrestin2 signaling bias. *ACS Chemical Neuroscience*, **2015**, 6, 1411-9	5.7	43
104	Azaphilones inhibit tau aggregation and dissolve tau aggregates in vitro. *ACS Chemical Neuroscience*, **2015**, 6, 751-60	5.7	35
103	Investigation of the role of rrestin2 in kappa opioid receptor modulation in a mouse model of pruritus. *Neuropharmacology*, **2015**, 99, 600-9	5.5	28
102	N-acetyl-S-(N,N-diethylcarbamoyl) cysteine in rat nucleus accumbens, medial prefrontal cortex, and in rat and human plasma after disulfiram administration. *Journal of Pharmaceutical and Biomedical Analysis*, **2015**, 107, 518-25	3.5	3
101	Functional selectivity of kappa opioid receptor agonists in peripheral sensory neurons. *Journal of Pharmacology and Experimental Therapeutics*, **2015**, 355, 174-82	4.7	22
100	The Importance of Molecular Design Principles in Delivering High Quality Pharmaceutical Candidates. *AAPS Advances in the Pharmaceutical Sciences Series*, **2015**, 177-191	0.5	1

99	Assessment of the kappa opioid agonist, salvinorin A, as a punisher of drug self-administration in monkeys. *Psychopharmacology*, **2014**, 231, 2751-8	4.7	35
98	Expanding the results of a high throughput screen against an isochorismate-pyruvate lyase to enzymes of a similar scaffold or mechanism. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 5961-9	3.4	7
97	Salvinorin A regulates dopamine transporter function via a kappa opioid receptor and ERK1/2-dependent mechanism. *Neuropharmacology*, **2014**, 86, 228-40	5.5	58
96	Studies toward the Development of Antiproliferative Neoclerodanes from Salvinorin A. *Journal of Natural Products*, **2014**, 77, 1817-24	4.9	8
95	Salvinorin A analogs and other Ebpioid receptor compounds as treatments for cocaine abuse. *Advances in Pharmacology*, **2014**, 69, 481-511	5.7	37
94	Synthesis and Ebpioid receptor activity of furan-substituted salvinorin A analogues. *Journal of Medicinal Chemistry*, **2014**, 57, 10464-75	8.3	67
93	Dose-related effects of salvinorin A in humans: dissociative, hallucinogenic, and memory effects. *Psychopharmacology*, **2013**, 226, 381-92	4.7	84
92	Cannabinoid agonists increase the interaction between EArrestin 2 and ERK1/2 and upregulate EArrestin 2 and 5-HT(2A) receptors. *Pharmacological Research*, **2013**, 68, 46-58	10.2	19
91	Development of functionally selective, small molecule agonists at kappa opioid receptors. *Journal of Biological Chemistry*, **2013**, 288, 36703-16	5.4	109
90	LC-MS/MS quantification of salvinorin A from biological fluids. *Analytical Methods*, **2013**, 5,	3.2	4
89	Palladium-catalyzed transformations of salvinorin A, a neoclerodane diterpene from Salvia divinorum. *Organic Letters*, **2013**, 15, 5936-9	6.2	9
88	Combined effects of modafinil and d-amphetamine in male Sprague-Dawley rats trained to discriminate d-amphetamine. *Pharmacology Biochemistry and Behavior*, **2013**, 110, 208-15	3.9	8
87	Discovery of a novel selective kappa-opioid receptor agonist using crystal structure-based virtual screening. *Journal of Chemical Information and Modeling*, **2013**, 53, 521-6	6.1	54
86	Neoclerodanes as atypical opioid receptor ligands. *Journal of Medicinal Chemistry*, **2013**, 56, 3435-43	8.3	18
85	Design, synthesis, and biological evaluation of aminoalkylindole derivatives as cannabinoid receptor ligands with potential for treatment of alcohol abuse. *Journal of Medicinal Chemistry*, **2013** , 56, 4537-50	8.3	33
84	The 2-methoxy methyl analogue of salvinorin A attenuates cocaine-induced drug seeking and sucrose reinforcements in rats. *European Journal of Pharmacology*, **2013**, 720, 69-76	5.3	12
83	Modafinil alone and in combination with low dose amphetamine does not establish conditioned place preference in male Sprague-Dawley rats. *Experimental and Clinical Psychopharmacology*, **2013**, 21, 252-8	3.2	11
82	Development of functionally selective agonists at the kappa opioid receptor (KOR). *FASEB Journal*, **2013**, 27, lb551	0.9	

81	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. *Biochemical Pharmacology*, **2012**, 83, 952-61	6	131
80	Semisynthetic neoclerodanes as kappa opioid receptor probes. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 3100-10	3.4	24
79	Permeation and metabolism of cocaine in the nasal mucosa. *European Journal of Drug Metabolism and Pharmacokinetics*, **2012**, 37, 255-62	2.7	4
78	Behavioral effects and central nervous system levels of the broadly available □agonist hallucinogen salvinorin A are affected by P-glycoprotein modulation in vivo. *Journal of Pharmacology and Experimental Therapeutics*, **2012**, 341, 802-8	4.7	18
77	(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. *Journal of Medicinal Chemistry*, **2012**, 55, 8582-7	8.3	13
76	Reinstatement of methamphetamine seeking in male and female rats treated with modafinil and allopregnanolone. *Drug and Alcohol Dependence*, **2012**, 120, 233-7	4.9	45
75	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. *Drug and Alcohol Dependence*, **2012**, 121, 181-8	4.9	48
74	R-modafinil (armodafinil): a unique dopamine uptake inhibitor and potential medication for psychostimulant abuse. *Biological Psychiatry*, **2012**, 72, 405-13	7.9	97
73	Discovery of Small Molecule Kappa Opioid Receptor Agonist and Antagonist Chemotypes through a HTS and Hit Refinement Strategy. *ACS Chemical Neuroscience*, **2012**, 3, 221-236	5.7	36
72	A single injection of a novel □opioid receptor agonist salvinorin A attenuates the expression of cocaine-induced behavioral sensitization in rats. *Behavioural Pharmacology*, **2012**, 23, 162-70	2.4	16
71	Opioid receptor probes derived from cycloaddition of the hallucinogen natural product salvinorin A. *Journal of Natural Products*, **2011**, 74, 718-26	4.9	27
70	Human psychopharmacology and dose-effects of salvinorin A, a kappa opioid agonist hallucinogen present in the plant Salvia divinorum. *Drug and Alcohol Dependence*, **2011**, 115, 150-5	4.9	100
69	Identification of unprecedented purine-containing compounds, the zingerines, from ginger rhizomes (Zingiber officinale Roscoe) using a phase-trafficking approach. *Phytochemistry*, **2011**, 72, 935-41	4	9
68	Synthesis of neoclerodane diterpenes and their pharmacological effects. *Topics in Current Chemistry*, **2011**, 299, 141-85		12
67	Potential Drug Abuse Therapeutics Derived from the Hallucinogenic Natural Product Salvinorin A. *MedChemComm*, **2011**, 2, 1217-1222	5	29
66	Neuropharmacology of the naturally occurring kappa-opioid hallucinogen salvinorin A. *Pharmacological Reviews*, **2011**, 63, 316-47	22.5	88
65	Structure-Activity Relationships at the Monoamine Transporters for a Novel Series of Modafinil (2-[(diphenylmethyl)sulfinyl]acetamide) Analogues. *ACS Medicinal Chemistry Letters*, **2010**, 2, 48-52	4.3	49
64	Fragment-based screening by X-ray crystallography, MS and isothermal titration calorimetry to identify PNMT (phenylethanolamine N-methyltransferase) inhibitors. *Biochemical Journal*, **2010**, 431, 51-61	3.8	35

63	Opioid Receptor Ligands **2010**, 569-736		12
62	New therapeutic potential for psychoactive natural products. *Natural Product Reports*, **2010**, 27, 23-31	15.1	9
61	Uptake, distribution and diffusivity of reactive fluorophores in cells: implications toward target identification. *Molecular Pharmaceutics*, **2010**, 7, 1301-10	5.6	43
60	Behavioral evaluation of modafinil and the abuse-related effects of cocaine in rhesus monkeys. *Experimental and Clinical Psychopharmacology*, **2010**, 18, 395-408	3.2	31
59	The discriminative effects of the kappa-opioid hallucinogen salvinorin A in nonhuman primates: dissociation from classic hallucinogen effects. *Psychopharmacology*, **2010**, 210, 253-62	4.7	33
58	Kappa opioids and the modulation of pain. *Psychopharmacology*, **2010**, 210, 109-19	4.7	80
57	Identification of a novel "almost neutral" micro-opioid receptor antagonist in CHO cells expressing the cloned human mu-opioid receptor. *Synapse*, **2010**, 64, 280-8	2.4	21
56	Evidence for the involvement of dopamine transporters in behavioral stimulant effects of modafinil. *Journal of Pharmacology and Experimental Therapeutics*, **2009**, 329, 738-46	4.7	152
55	Utilizing nature as a source of new probes for opioid pharmacology. *Future Medicinal Chemistry*, **2009**, 1, 285-301	4.1	3
54	Unconditioned behavioral effects of the powerful kappa-opioid hallucinogen salvinorin A in nonhuman primates: fast onset and entry into cerebrospinal fluid. *Journal of Pharmacology and Experimental Therapeutics*, **2009**, 328, 588-97	4.7	47
53	Effect of kappa-opioid receptor agonists U69593, U50488H, spiradoline and salvinorin A on cocaine-induced drug-seeking in rats. *Pharmacology Biochemistry and Behavior*, **2009**, 94, 244-9	3.9	51
52	Synthetic studies on neoclerodane diterpenes from Salvia splendens: oxidative modifications of ring A. *Tetrahedron*, **2009**, 65, 1708-1715	2.4	9
51	Chemical methods for the synthesis and modification of neoclerodane diterpenes. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 5490-5	2.9	15
50	Natural products as tools for neuroscience: discovery and development of novel agents to treat drug abuse. *Journal of Natural Products*, **2009**, 72, 581-7	4.9	41
49	Evaluation of the transport, in vitro metabolism and pharmacokinetics of Salvinorin A, a potent hallucinogen. *European Journal of Pharmaceutics and Biopharmaceutics*, **2009**, 72, 471-7	5.7	42
48	Synthetic studies of neoclerodane diterpenes from Salvia divinorum: role of the furan in affinity for opioid receptors. *Organic and Biomolecular Chemistry*, **2009**, 7, 3748-56	3.9	16
47	Mitochondrial targeted coenzyme Q, superoxide, and fuel selectivity in endothelial cells. *PLoS ONE*, **2009**, 4, e4250	3.7	17
46	Dopamine transport inhibitors based on GBR12909 and benztropine as potential medications to treat cocaine addiction. *Biochemical Pharmacology*, **2008**, 75, 2-16	6	64

45	Salvinorin A analogs as probes in opioid pharmacology. *Chemical Reviews*, **2008**, 108, 1732-43	68.1	73
44	Differential effects of opioid agonists on G protein expression in CHO cells expressing cloned human opioid receptors. *Brain Research Bulletin*, **2008**, 77, 49-54	3.9	17
43	Gedunin, a novel hsp90 inhibitor: semisynthesis of derivatives and preliminary structure-activity relationships. *Journal of Medicinal Chemistry*, **2008**, 51, 6495-502	8.3	126
42	Herkinorin analogues with differential beta-arrestin-2 interactions. *Journal of Medicinal Chemistry*, **2008**, 51, 2421-31	8.3	52
41	The effects of herkinorin, the first mu-selective ligand from a salvinorin A-derived scaffold, in a neuroendocrine biomarker assay in nonhuman primates. *Journal of Pharmacology and Experimental Therapeutics*, **2008**, 327, 154-60	4.7	13
40	Synthetic studies of neoclerodane diterpenoids from Salvia splendens and evaluation of Opioid Receptor affinity. *Tetrahedron*, **2008**, 64, 10041-10048	2.4	29
39	Effects of salvinorin A, a kappa-opioid hallucinogen, on a neuroendocrine biomarker assay in nonhuman primates with high kappa-receptor homology to humans. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 320, 300-6	4.7	47
38	Salvinorin A: allosteric interactions at the mu-opioid receptor. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 320, 801-10	4.7	55
37	Synthetic studies of neoclerodane diterpenes from Salvia divinorum: preparation and opioid receptor activity of salvinicin analogues. *Journal of Medicinal Chemistry*, **2007**, 50, 3596-603	8.3	41
36	Flavonoids as opioid receptor ligands: identification and preliminary structure-activity relationships. *Journal of Natural Products*, **2007**, 70, 1278-82	4.9	57
35	DAT/SERT selectivity of flexible GBR 12909 analogs modeled using 3D-QSAR methods. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 1146-59	3.4	12
34	Synthetic studies of neoclerodane diterpenes from Salvia divinorum: exploration of the 1-position. *Bioorganic and Medicinal Chemistry Letters*, **2007**, 17, 6111-5	2.9	25
33	A comparison of noninternalizing (herkinorin) and internalizing (DAMGO) mu-opioid agonists on cellular markers related to opioid tolerance and dependence. *Synapse*, **2007**, 61, 166-75	2.4	51
32	Mu opioid receptor activation without arrestin-interactions; a pharmacological approach.. *FASEB Journal*, **2007**, 21, A426	0.9	
31	Synthetic studies of neoclerodane diterpenes from Salvia divinorum: selective modification of the furan ring. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 3170-4	2.9	41
30	Reactive oxygen and targeted antioxidant administration in endothelial cell mitochondria. *Journal of Biological Chemistry*, **2006**, 281, 39766-75	5.4	94
29	Design and synthesis of promiscuous high-affinity monoamine transporter ligands: unraveling transporter selectivity. *Journal of Medicinal Chemistry*, **2006**, 49, 1766-72	8.3	16
28	Enzyme-mediated protein haptenation of dapsone and sulfamethoxazole in human keratinocytes: I. Expression and role of cytochromes P450. *Journal of Pharmacology and Experimental Therapeutics*, **2006**, 319, 488-96	4.7	33

27	Synthetic studies of neoclerodane diterpenes from Salvia divinorum: semisynthesis of salvinicins A and B and other chemical transformations of salvinorin A. *Journal of Natural Products*, **2006**, 69, 107-12	4.9	48
26	Synthesis of salvinorin A analogues as opioid receptor probes. *Journal of Natural Products*, **2006**, 69, 914-8	4.9	47
25	Role of dopamine transporter (DAT) in dopamine transport across the nasal mucosa. *Life Sciences*, **2006**, 79, 1391-8	6.8	19
24	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. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 3967-73	3.4	13
23	Neoclerodane diterpenes as a novel scaffold for mu opioid receptor ligands. *Journal of Medicinal Chemistry*, **2005**, 48, 4765-71	8.3	125
22	Psychopharmacology of the hallucinogenic sage Salvia divinorum. *Life Sciences*, **2005**, 78, 527-31	6.8	85
21	A concise method for the preparation of deuterium-labeled cortisone: synthesis of [6,7-2H]cortisone. *Steroids*, **2005**, 70, 763-9	2.8	3
20	Kappa opioids as potential treatments for stimulant dependence. *AAPS Journal*, **2005**, 7, E592-9	3.7	50
19	Determination of Salvinorin A in body fluids by high performance liquid chromatography-atmospheric pressure chemical ionization. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2005**, 818, 221-5	3.2	48
18	Enantioselective synthesis of (2R,3R)- and (2S,3S)-2-[(3-chlorophenyl)-(2-methoxyphenoxy)methyl]morpholine. *Tetrahedron: Asymmetry*, **2005**, 16, 2249-2256		11
17	Salvinicins A and B, new neoclerodane diterpenes from Salvia divinorum. *Organic Letters*, **2005**, 7, 3017-20	5.2	50
16	Pharmacokinetics of the plant-derived kappa-opioid hallucinogen salvinorin A in nonhuman primates. *Synapse*, **2005**, 58, 208-10	2.4	66
15	Development of Neurochemical Normalization (“Agonist Substitution”) Therapeutics for Stimulant Abuse: Focus on the Dopamine Uptake Inhibitor, GBR12909. *Current Medicinal Chemistry - Central Nervous System Agents*, **2004**, 4, 47-59		9
14	Synthesis and determination of the absolute configuration of the enantiomers of modafinil. *Tetrahedron: Asymmetry*, **2004**, 15, 1053-1058		46
13	Synthesis and determination of the absolute stereochemistry of the enantiomers of adrafinil and modafinil. *Tetrahedron: Asymmetry*, **2004**, 15, 3811-3815		28
12	2-(Anilino)imidazolines and 2-(benzyl)imidazoline derivatives as h5-HT1D serotonin receptor ligands. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 4697-9	2.9	5
11	A facile method for the preparation of deuterium labeled salvinorin A: synthesis of [2,2,2-2H3]-salvinorin A. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 5099-102	2.9	56
10	A concise synthesis of (S)-(+)-1-(4-{2-[bis-(4-fluorophenyl)methoxy]-ethyl}piperazin-1-yl)-2-phenylpropan-2-ol dimaleate. *Tetrahedron: Asymmetry*, **2003**, 14, 3285-3289		7

9	Synthesis and dopamine transporter affinity of chiral 1-[2-[bis(4-fluorophenyl)methoxy]ethyl]-4-(2-hydroxypropyl)piperazines as potential cocaine abuse therapeutic agents. *Bioorganic and Medicinal Chemistry Letters*, **2003**, 13, 553-6	2.9	16
8	High-dose fenfluramine administration decreases serotonin transporter binding, but not serotonin transporter protein levels, in rat forebrain. *Synapse*, **2003**, 50, 233-9	2.4	50
7	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. *Bioorganic and Medicinal Chemistry Letters*, **2003**, 13, 1385-9	2.9	11
6	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. *Journal of Medicinal Chemistry*, **2003**, 46, 1465-9	8.3	17
5	Synthesis and biological activity of 8beta-substituted hydrocodone indole and hydromorphone indole derivatives. *Bioorganic and Medicinal Chemistry Letters*, **2002**, 12, 165-8	2.9	25
4	Piperidine analogues of 1-[2-[bis(4-fluorophenyl)methoxy]ethyl]-4-(3-phenylpropyl)piperazine (GBR 12909): high affinity ligands for the dopamine transporter. *Journal of Medicinal Chemistry*, **2002**, 45, 4371-4	8.3	17
3	Imidazoline-modified benzylimidazolines as h5-HT(1D/1B) serotonergic ligands. *Bioorganic and Medicinal Chemistry*, **2001**, 9, 613-9	3.4	24
2	Benzylimidazolines as h5-HT1B/1D serotonin receptor ligands: a structure-affinity investigation. *Journal of Medicinal Chemistry*, **1998**, 41, 2243-51	8.3	17
1	Opioid Receptor Ligands1-171		