

Peter A Crooks

List of Publications by Year in descending order

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439
papers

9,208
citations

53794

45
h-index

88630

70
g-index

443
all docs

443
docs citations

443
times ranked

9055
citing authors

#	ARTICLE	IF	CITATIONS
1	An orally bioavailable parthenolide analog selectively eradicates acute myelogenous leukemia stem and progenitor cells. <i>Blood</i> , 2007, 110, 4427-4435.	1.4	357
2	High performance liquid chromatographic analysis of the pharmacologically active quinones and related compounds in the oil of the black seed (<i>Nigella sativa</i> L.). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999, 19, 757-762.	2.8	274
3	A novel mechanism of action and potential use for lobeline as a treatment for psychostimulant abuse. <i>Biochemical Pharmacology</i> , 2002, 63, 89-98.	4.4	199
4	Aminoparthenolides as novel anti-leukemic agents: Discovery of the NF- κ B inhibitor, DMAPT (LC-1). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4346-4349.	2.2	168
5	Targeting Aberrant Glutathione Metabolism to Eradicate Human Acute Myelogenous Leukemia Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 33542-33558.	3.4	163
6	Molecular pathway for thymoquinone-induced cell-cycle arrest and apoptosis in neoplastic keratinocytes. <i>Anti-Cancer Drugs</i> , 2004, 15, 389-399.	1.4	162
7	The NF- κ B subunit Rel A is associated with in vitro survival and clinical disease progression in chronic lymphocytic leukemia and represents a promising therapeutic target. <i>Blood</i> , 2008, 111, 4681-4689.	1.4	145
8	A NADPH Oxidase-Dependent Redox Signaling Pathway Mediates the Selective Radiosensitization Effect of Parthenolide in Prostate Cancer Cells. <i>Cancer Research</i> , 2010, 70, 2880-2890.	0.9	117
9	Contribution of CNS nicotine metabolites to the neuropharmacological effects of nicotine and tobacco smoking. <i>Biochemical Pharmacology</i> , 1997, 54, 743-753.	4.4	110
10	Vesicular monoamine transporter 2: Role as a novel target for drug development. <i>AAPS Journal</i> , 2006, 8, E682-E692.	4.4	104
11	Cellulose sulfuric acid: An efficient biodegradable and recyclable solid acid catalyst for the one-pot synthesis of aryl-14H-dibenzo[a,j]xanthenes under solvent-free conditions. <i>Journal of Molecular Catalysis A</i> , 2009, 304, 85-87.	4.8	99
12	Lobeline Displaces [³ H]Dihydrotrabenazine Binding and Releases [³ H]Dopamine from Rat Striatal Synaptic Vesicles: Comparison with d-Amphetamine. <i>Journal of Neurochemistry</i> , 2002, 71, 258-265.	3.9	94
13	Antileukemic activity of aminoparthenolide analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 3870-3873.	2.2	85
14	Persistent Activation of NF- κ B in BRCA1-Deficient Mammary Progenitors Drives Aberrant Proliferation and Accumulation of DNA Damage. <i>Cell Stem Cell</i> , 2016, 19, 52-65.	11.1	85
15	Extending the analysis of nicotinic receptor antagonists with the study of α 6 nicotinic receptor subunit chimeras. <i>Neuropharmacology</i> , 2008, 54, 1189-1200.	4.1	82
16	NADPH oxidase activity is essential for Keap1/Nrf2-mediated induction of GCLC in response to 2-indol-3-yl-methylenequinuclidin-3-ols. <i>Cancer Research</i> , 2003, 63, 5636-45.	0.9	80
17	3-[Benzimidazo- and 3-[benzothiadiazoleimidazo-(1,2-c)quinazolin-5-yl]-2H-chromene-2-ones as potent antimicrobial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 524-527.	2.2	77
18	The radiosensitization effect of parthenolide in prostate cancer cells is mediated by nuclear factor- κ B inhibition and enhanced by the presence of PTEN. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 2477-2486.	4.1	74

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19	Once weekly administration of nicotine produces long-lasting locomotor sensitization in rats via a nicotinic receptor-mediated mechanism. <i>Psychopharmacology</i> , 2001, 156, 469-476.	3.1	69
20	Chemical genomic screening reveals synergism between parthenolide and inhibitors of the PI-3 kinase and mTOR pathways. <i>Blood</i> , 2010, 116, 5983-5990.	1.4	69
21	A pilot study of plasma caffeine concentrations in a US sample of smoker and nonsmoker volunteers. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003, 27, 165-171.	4.8	68
22	The pharmacological activity of nicotine and nornicotine on nAChRs subtypes: relevance to nicotine dependence and drug discovery. <i>Journal of Neurochemistry</i> , 2007, 101, 160-167.	3.9	66
23	Synthesis and evaluation of chromenyl barbiturates and thiobarbiturates as potential antitubercular agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4329-4331.	2.2	64
24	Lobeline Analogs with Enhanced Affinity and Selectivity for Plasmalemma and Vesicular Monoamine Transporters. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 1035-1045.	2.5	63
25	Active Transport of High-Affinity Choline and Nicotine Analogs into the Central Nervous System by the Blood-Brain Barrier Choline Transporter. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 1268-1274.	2.5	61
26	Lobeline inhibits nicotine-evoked [3H]dopamine overflow from rat striatal slices and nicotine-evoked 86Rb ⁺ efflux from thalamic synaptosomes. <i>Neuropharmacology</i> , 2000, 39, 2654-2662.	4.1	60
27	Defunctionalized Lobeline Analogues: Structure-Activity of Novel Ligands for the Vesicular Monoamine Transporter. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 5551-5560.	6.4	59
28	Acute and chronic effects of nornicotine on locomotor activity in rats: altered response to nicotine. <i>Psychopharmacology</i> , 1999, 145, 442-451.	3.1	58
29	KEAP1 Is a Redox Sensitive Target That Arbitrates the Opposing Radiosensitive Effects of Parthenolide in Normal and Cancer Cells. <i>Cancer Research</i> , 2013, 73, 4406-4417.	0.9	57
30	Synthesis of thymidine dimers containing internucleoside sulfonate and sulfonamide linkages. <i>Journal of Organic Chemistry</i> , 1992, 57, 2983-2985.	3.2	56
31	Effects of norketamine enantiomers in rodent models of persistent pain. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 676-685.	2.9	56
32	Synthesis and biological evaluation of novel 4,5-disubstituted 2H-1,2,3-triazoles as cis-constrained analogues of combretastatin A-4. <i>European Journal of Medicinal Chemistry</i> , 2015, 103, 123-132.	5.5	56
33	An in vivo evaluation of the antiseizure activity and acute neurotoxicity of agmatine. <i>Pharmacology Biochemistry and Behavior</i> , 2003, 74, 771-775.	2.9	54
34	Lobelane decreases methamphetamine self-administration in rats. <i>European Journal of Pharmacology</i> , 2007, 571, 33-38.	3.5	54
35	Transdermal Delivery of Naltrexol and Skin Permeability Lifetime after Microneedle Treatment in Hairless Guinea Pigs. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 3072-3080.	3.3	54
36	QSAR modeling of mono- and bis-quaternary ammonium salts that act as antagonists at neuronal nicotinic acetylcholine receptors mediating dopamine release. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3017-3037.	3.0	53

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37	Nicotinic receptor-based therapeutics and candidates for smoking cessation. <i>Biochemical Pharmacology</i> , 2009, 78, 732-743.	4.4	53
38	Flux Across of Microneedle-treated Skin is Increased by Increasing Charge of Naltrexone and Naltrexol In Vitro. <i>Pharmaceutical Research</i> , 2008, 25, 1677-1685.	3.5	52
39	Identification and synthesis of novel alkaloids from the root system of <i>Nicotiana tabacum</i> : Affinity for neuronal nicotinic acetylcholine receptors. <i>Life Sciences</i> , 2005, 78, 495-505.	4.3	50
40	Melampomagnolide B: A new antileukemic sesquiterpene. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1515-1519.	3.0	50
41	Pharmacologically Distinct Nicotinic Acetylcholine Receptors Drive Efferent-Mediated Excitation in Calyx-Bearing Vestibular Afferents. <i>Journal of Neuroscience</i> , 2015, 35, 3625-3643.	3.6	50
42	Synthesis and anti-cancer screening of novel heterocyclic-(2H)-1,2,3-triazoles as potential anti-cancer agents. <i>MedChemComm</i> , 2015, 6, 1535-1543.	3.4	49
43	In vitro permeation of a pegylated naltrexone prodrug across microneedle-treated skin. <i>Journal of Controlled Release</i> , 2010, 146, 37-44.	9.9	48
44	Synthesis and evaluation of a series of benzothiophene acrylonitrile analogs as anticancer agents. <i>MedChemComm</i> , 2013, 4, 1073.	3.4	48
45	Sodium fluoride as an efficient catalyst for the synthesis of 2,4-disubstituted-1,3-thiazoles and selenazoles at ambient temperature. <i>Chinese Chemical Letters</i> , 2014, 25, 172-175.	9.0	48
46	Inhibition of nicotine-evoked [3H] dopamine release by pyridino N-substituted nicotine analogues: A new class of nicotinic antagonist. <i>Drug Development Research</i> , 1995, 36, 91-102.	2.9	47
47	A simple high performance liquid chromatographic method for the quantification of total cotinine, total 3 β -hydroxycotinine and caffeine in the plasma of smokers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 23, 543-549.	2.8	46
48	Modeling Multiple Species of Nicotine and Deschloroepibatidine Interacting with $\alpha 4 \beta 2$ Nicotinic Acetylcholine Receptor: From Microscopic Binding to Phenomenological Binding Affinity. <i>Journal of the American Chemical Society</i> , 2005, 127, 14401-14414.	13.7	46
49	Modeling Subtype-Selective Agonists Binding with $\alpha 4 \beta 2$ and $\alpha 7$ Nicotinic Acetylcholine Receptors: Effects of Local Binding and Long-Range Electrostatic Interactions. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7661-7674.	6.4	46
50	Lobeline Inhibits Methamphetamine-Evoked Dopamine Release via Inhibition of the Vesicular Monoamine Transporter-2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 612-621.	2.5	45
51	The Vesicular Monoamine Transporter-2. <i>Advances in Pharmacology</i> , 2014, 69, 71-106.	2.0	45
52	Nicotinic Receptor Antagonists as Treatments for Nicotine Abuse. <i>Advances in Pharmacology</i> , 2014, 69, 513-551.	2.0	44
53	bis-Azaaromatic quaternary ammonium analogues: ligands for $\alpha 4 \beta 2^*$ and $\alpha 7^*$ subtypes of neuronal nicotinic receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 3067-3071.	2.2	43
54	N-n-Alkylnicotinium Analogs, a Novel Class of Nicotinic Receptor Antagonists: Interaction with $\alpha 4 \beta 2^*$ and $\alpha 7^*$ Neuronal Nicotinic Receptors. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 400-410.	2.5	43

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55	S(-)-Nornicotine Increases Dopamine Release in a Calcium-Dependent Manner from Superfused Rat Striatal Slices. <i>Journal of Neurochemistry</i> , 1993, 60, 2167-2174.	3.9	42
56	Total Cotinine in Plasma: A Stable Biomarker for Exposure to Tobacco Smoke. <i>Journal of Clinical Psychopharmacology</i> , 2002, 22, 496-501.	1.4	42
57	Subtype-selective nicotinic receptor antagonists: potential as tobacco use cessation agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1863-1867.	2.2	42
58	Enhancement of transdermal delivery of 6- β -naltrexol via a codrug linked to hydroxybupropion. <i>Journal of Controlled Release</i> , 2006, 113, 137-145.	9.9	42
59	The effects of a novel nicotinic receptor antagonist N,N-dodecane-1,12-diyl-bis-3-picolinium dibromide (bPiDDB) on acute and repeated nicotine-induced increases in extracellular dopamine in rat nucleus accumbens. <i>Neuropharmacology</i> , 2007, 52, 755-763.	4.1	42
60	Combination therapy with 5-fluorouracil and L-canavanine. <i>Anti-Cancer Drugs</i> , 1995, 6, 586-593.	1.4	41
61	Toxicity of Dipyridyl Compounds and Related Compounds. <i>Critical Reviews in Toxicology</i> , 2004, 34, 447-460.	3.9	41
62	One-pot multicomponent synthesis of indole incorporated thiazolylcoumarins and their antibacterial, anticancer and DNA cleavage studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 106-112.	2.2	41
63	Recent developments in neuronal nicotinic acetylcholine receptor antagonists. <i>Expert Opinion on Therapeutic Patents</i> , 2000, 10, 1561-1581.	5.0	40
64	Suppression of pancreatic tumor growth by combination chemotherapy with sulindac and LC-1 is associated with cyclin D1 inhibition in vivo. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1736-1744.	4.1	39
65	Novel Small Molecule $\hat{1}\pm 9\hat{1}\pm 10$ Nicotinic Receptor Antagonist Prevents and Reverses Chemotherapy-Evoked Neuropathic Pain in Rats. <i>Anesthesia and Analgesia</i> , 2012, 115, 713-720.	2.2	39
66	N-n-Alkylnicotinium Analogs, A Novel Class of Nicotinic Receptor Antagonist: Inhibition of $\alpha 7$ -Nicotine-Evoked [3 H]Dopamine Overflow from Superfused Rat Striatal Slices. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 301, 1088-1096.	2.5	38
67	Synthesis and analgesic properties of two leucine-enkephalin analogs containing a conformationally restrained N-terminal tyrosine residue. <i>Journal of Medicinal Chemistry</i> , 1983, 26, 762-765.	6.4	37
68	Novel Chemical Enhancers of Heat Shock Increase Thermal Radiosensitization through a Mitotic Catastrophe Pathway. <i>Cancer Research</i> , 2007, 67, 695-701.	0.9	37
69	$\alpha 2$ -Alkane-diyl-bis-3-picoliniums as Nicotinic Receptor Antagonists: Inhibition of Nicotine-Evoked Dopamine Release and Hyperactivity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 563-576.	2.5	37
70	4-trimethylammonium antipyrine: A quaternary ammonium nonradionuclide marker for blood-brain barrier integrity during in vivo microdialysis. <i>Journal of Pharmacological and Toxicological Methods</i> , 1992, 28, 129-135.	0.7	36
71	Synthesis and hydrolytic behavior of two novel tripartate codrugs of naltrexone and 6- β -naltrexol with hydroxybupropion as potential alcohol abuse and smoking cessation agents. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7051-7061.	3.0	36
72	Phase I and Phase II Ocular Metabolic Activities and the Role of Metabolism in Ophthalmic Prodrug and Codrug Design and Delivery. <i>Molecules</i> , 2007, 12, 373-388.	3.8	36

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73	Synthesis and in vitro evaluation of N-alkyl-3-hydroxy-3-(2-imino-3-methyl-5-oxoimidazolidin-4-yl)indolin-2-one analogs as potential anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4468-4471.	2.2	36
74	A duplex α -Gemini α -prodrug of naltrexone for transdermal delivery. <i>Journal of Controlled Release</i> , 2004, 97, 283-290.	9.9	35
75	Lobelane analogues as novel ligands for the vesicular monoamine transporter-2. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 3899-3909.	3.0	35
76	In Vitro/in Vivo Correlation of Transdermal Naltrexone Prodrugs in Hairless Guinea Pigs. <i>Pharmaceutical Research</i> , 2005, 22, 981-989.	3.5	35
77	Dimethylaminoparthenolide and gemcitabine: a survival study using a genetically engineered mouse model of pancreatic cancer. <i>BMC Cancer</i> , 2013, 13, 194.	2.6	35
78	1-Benzyl-2-methyl-3-indolylmethylene barbituric acid derivatives: Anti-cancer agents that target nucleophosmin 1 (NPM1). <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7226-7233.	3.0	35
79	Synthesis and anti-proliferative activity of aromatic substituted 5-((1-benzyl-1H-indol-3-yl)methylene)-1,3-dimethylpyrimidine-2,4,6(1H,3H,5H)-trione analogs against human tumor cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 601-603.	2.2	34
80	MMB triazole analogs are potent NF- κ B inhibitors and anti-cancer agents against both hematological and solid tumor cells. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 562-581.	5.5	34
81	Physicochemical Evaluation, in Vitro Human Skin Diffusion, and Concurrent Biotransformation of 3-O-Alkyl Carbonate Prodrugs of Naltrexone. <i>Pharmaceutical Research</i> , 2004, 21, 1146-1152.	3.5	33
82	Development of subtype-selective ligands as antagonists at nicotinic receptors mediating nicotine-evoked dopamine release. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 1869-1874.	2.2	32
83	Characterization of structurally novel G protein biased CB 1 agonists: Implications for drug development. <i>Pharmacological Research</i> , 2017, 125, 161-177.	7.1	32
84	Canvass: A Crowd-Sourced, Natural-Product Screening Library for Exploring Biological Space. <i>ACS Central Science</i> , 2018, 4, 1727-1741.	11.3	32
85	3D-QSAR study of bis-azaaromatic quaternary ammonium analogs at the blood-brain barrier choline transporter. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 4253-4261.	3.0	31
86	Novel antiglaucoma prodrugs and codrugs of ethacrynic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 3524-3527.	2.2	31
87	In vivo evaluation of 3-O-alkyl ester transdermal prodrugs of naltrexone in hairless guinea pigs. <i>Journal of Controlled Release</i> , 2005, 102, 509-520.	9.9	31
88	Synthesis and evaluation of a series of resveratrol analogues as potent anti-cancer agents that target tubulin. <i>MedChemComm</i> , 2015, 6, 788-794.	3.4	31
89	A novel tetrazole analogue of resveratrol is a potent anticancer agent. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 172-178.	2.2	31
90	Stereospecific in vitro N-methylation of nicotine in guinea pig tissues by an S-adenosylmethionine-dependent N-methyltransferase. <i>Biochemical Pharmacology</i> , 1985, 34, 281-284.	4.4	30

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91	Transdermal Delivery of Naltrexone and its Active Metabolite 6- β -Naltrexol in Human Skin in Vitro and Guinea Pigs in Vivo. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 1965-1975.	3.3	30
92	Novel substituted (Z)-5-((N-benzyl-1H-indol-3-yl)methylene)imidazolidine-2,4-diones and 5-((N-benzyl-1H-indol-3-yl)methylene)pyrimidine-2,4,6-(1H,3H,5H)-triones as potent radio-sensitizing agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 600-602.	2.2	30
93	Rational Design of a Parthenolide-based Drug Regimen That Selectively Eradicates Acute Myelogenous Leukemia Stem Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 21984-22000.	3.4	30
94	Formation of quaternary amines by N- methylation of azaheterocycles with homogeneous amine n-methyltransferases. <i>Biochemical Pharmacology</i> , 1988, 37, 1673-1677.	4.4	29
95	A novel technique for visualizing the intracellular localization and distribution of transported polyamines in cultured pulmonary artery smooth muscle cells. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 17, 307-320.	2.8	29
96	Human Skin Permeation of Branched-Chain 3-O-Alkyl Ester and Carbonate Prodrugs of Naltrexone. <i>Pharmaceutical Research</i> , 2005, 22, 758-765.	3.5	29
97	Discovery of non-peptide, small molecule antagonists of $\alpha 9 \beta 10$ nicotinic acetylcholine receptors as novel analgesics for the treatment of neuropathic and tonic inflammatory pain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2476-2479.	2.2	29
98	Dimers of Melampomagnolide B Exhibit Potent Anticancer Activity against Hematological and Solid Tumor Cells. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8896-8906.	6.4	29
99	Pharmacological similarities between native brain and heterologously expressed $\alpha 4 \beta 2$ nicotinic receptors. <i>British Journal of Pharmacology</i> , 1999, 128, 1291-1299.	5.4	28
100	Contributory role for nornicotine in nicotine neuropharmacology: nornicotine-evoked [3H]dopamine overflow from rat nucleus accumbens slices. Abbreviations: DA, dopamine; and DH β E, dihydro- β -erythroidine. <i>Biochemical Pharmacology</i> , 2001, 62, 1597-1603.	4.4	28
101	The antiproliferative and immunotoxic effects of L-canavanine and L-canaline. <i>Anti-Cancer Drugs</i> , 2002, 13, 313-320.	1.4	28
102	Indirect Trapping of the Retroconjugate Addition Reaction Intermediate Involved in the Epimerization of Lobeline: A Application to the Synthesis of (α)-Sedamine. <i>Journal of Organic Chemistry</i> , 2004, 69, 8514-8517.	3.2	28
103	Opiate receptor binding properties of morphine-, dihydromorphine-, and codeine 6-O-sulfate ester congeners. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 4291-4295.	2.2	28
104	Development of a GC-MS Assay for the Determination of Fentanyl Pharmacokinetics in Rabbit Plasma after Sublingual Spray Delivery. <i>AAPS Journal</i> , 2008, 10, 261-267.	4.4	28
105	Targeting Nucleophosmin 1 Represents a Rational Strategy for Radiation Sensitization. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 1106-1114.	0.8	28
106	DMAPT inhibits NF- κ B activity and increases sensitivity of prostate cancer cells to X-rays in vitro and in tumor xenografts in vivo. <i>Free Radical Biology and Medicine</i> , 2017, 112, 318-326.	2.9	28
107	Remarkable substrate-inhibitor properties of nicotine enantiomers towards a guinea pig lung aromatic azaheterocycle N-methyltransferase. <i>Biochemical and Biophysical Research Communications</i> , 1985, 128, 312-316.	2.1	27
108	Computational neural network analysis of the affinity of lobeline and tetrabenazine analogs for the vesicular monoamine transporter-2. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 2975-2992.	3.0	27

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109	Synthesis and evaluation of a series of homologues of lobelane at the vesicular monoamine transporter-2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6509-6512.	2.2	27
110	The effect of a novel VMAT2 inhibitor, GZ-793A, on methamphetamine reward in rats. <i>Psychopharmacology</i> , 2012, 220, 395-403.	3.1	27
111	5-((1-Aroyl-1H-indol-3-yl)methylene)-2-thioxodihydropyrimidine-4,6(1H,5H)-diones as potential anticancer agents with anti-inflammatory properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1442-1446.	2.2	27
112	Anti-cancer activity of carbamate derivatives of melampomagnolide B. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 3499-3502.	2.2	27
113	A Small-Molecule Inhibitor of Human DNA Polymerase β Potentiates the Effects of Cisplatin in Tumor Cells. <i>Biochemistry</i> , 2018, 57, 1262-1273.	2.5	27
114	Novel substituted (Z)-2-(N-benzylindol-3-ylmethylene)quinuclidin-3-one and (Z)-2-(N-benzylindol-3-ylmethylene)quinuclidin-3-ol derivatives as potent thermal sensitizing agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6821-6824.	2.2	26
115	Effect of Celecoxib and the Novel Anti-Cancer Agent, Dimethylamino-Parthenolide, in a Developmental Model of Pancreatic Cancer. <i>Pancreas</i> , 2008, 37, e45-e53.	1.1	26
116	Mecamylamine, dihydro-erythroidine, and dextromethorphan block conditioned responding evoked by the conditional stimulus effects of nicotine. <i>Pharmacology Biochemistry and Behavior</i> , 2009, 94, 319-328.	2.9	26
117	Microwave assisted synthesis and in vitro cytotoxicities of substituted (Z)-2-amino-5-(1-benzyl-1H-indol-3-yl)methylene-1-methyl-1H-imidazol-4(5H)-ones against human tumor cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 591-593.	2.2	26
118	Dimethylamino Parthenolide Enhances the Inhibitory Effects of Gemcitabine in Human Pancreatic Cancer Cells. <i>Journal of Gastrointestinal Surgery</i> , 2012, 16, 1333-1340.	1.7	26
119	Multiple Modes of $\alpha 7$ nAChR Noncompetitive Antagonism of Control Agonist-Evoked and Allosterically Enhanced Currents. <i>Molecular Pharmacology</i> , 2013, 84, 459-475.	2.3	26
120	Identification of resveratrol analogs as potent anti-dengue agents using a cell-based assay. <i>Journal of Medical Virology</i> , 2017, 89, 397-407.	5.0	26
121	Design of novel prodrugs for the enhancement of the transdermal penetration of indomethacin. <i>International Journal of Pharmaceutics</i> , 1995, 123, 127-136.	5.2	25
122	Neuronal nicotinic acetylcholine receptor binding affinities of boron-containing nicotine analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 1245-1248.	2.2	25
123	Transdermal Delivery of Bupropion and its Active Metabolite, Hydroxybupropion: A Prodrug Strategy as an Alternative Approach. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 583-594.	3.3	25
124	Cellulose Sulfuric Acid: An Efficient Biodegradable and Recyclable Solid Acid Catalyst for the One-Pot Synthesis of 3,4-Dihydropyrimidine-2(1H)-ones. <i>Synthetic Communications</i> , 2009, 39, 1257-1263.	2.1	25
125	Aplysinopsin analogs: Synthesis and anti-proliferative activity of substituted (Z)-5-(N-benzylindol-3-ylmethylene)imidazolidine-2,4-diones. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3570-3574.	3.0	25
126	bPiDI: a novel selective $\alpha 6\beta 2^*$ nicotinic receptor antagonist and preclinical candidate treatment for nicotine abuse. <i>British Journal of Pharmacology</i> , 2011, 163, 346-357.	5.4	25

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127	<i>N</i> -Aroyl Indole Thiobarbituric Acids as Inhibitors of DNA Repair and Replication Stress Response Polymerases. <i>ACS Chemical Biology</i> , 2013, 8, 1722-1729.	3.4	25
128	Chiral purity determination of tobacco alkaloids and nicotine-like compounds by ¹ H NMR spectroscopy in the presence of 1,1'-binaphthyl-2,2'-diylphosphoric acid. <i>Chirality</i> , 1996, 8, 295-299.	2.6	24
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