Jeewoo Lee

List of Publications by Citations

191 papers	3,806 citations	33 h-index	50 g-index
207 ext. papers	4,208 ext. citations	4.8 avg, IF	4.64 L-index

#	Paper	IF	Citations
191	Dorsal root ganglion neurons innervating skeletal muscle respond to physiological combinations of protons, ATP, and lactate mediated by ASIC, P2X, and TRPV1. *Journal of Neurophysiology*, **2008**, 100, 1184-201	3.2	213
190	Uric acid induces endothelial dysfunction by vascular insulin resistance associated with the impairment of nitric oxide synthesis. *FASEB Journal*, **2014**, 28, 3197-204	0.9	122
189	Lovastatin enhances Abeta production and senile plaque deposition in female Tg2576 mice. *Neurobiology of Aging*, **2003**, 24, 637-43	5.6	114
188	N-(3-acyloxy-2-benzylpropyl)-NR[4-(methylsulfonylamino)benzyl]thiourea analogues: novel potent and high affinity antagonists and partial antagonists of the vanilloid receptor. *Journal of Medicinal Chemistry*, **2003**, 46, 3116-26	8.3	103
187	Migration of neutrophils targeting amyloid plaques in Alzheimer's disease mouse model. *Neurobiology of Aging*, **2014**, 35, 1286-92	5.6	91
186	High affinity antagonists of the vanilloid receptor. *Molecular Pharmacology*, **2002**, 62, 947-56	4.3	89
185	Diacylglycerol (DAG)-lactones, a new class of protein kinase C (PKC) agonists, induce apoptosis in LNCaP prostate cancer cells by selective activation of PKCalpha. *Journal of Biological Chemistry*, **2002**, 277, 645-55	5.4	78
184	Conformationally constrained analogues of diacylglycerol (DAG). 16. How much structural complexity is necessary for recognition and high binding affinity to protein kinase C?. *Journal of Medicinal Chemistry*, **2000**, 43, 921-44	8.3	73
183	Calcium-dependent and independent mechanisms of capsaicin receptor (TRPV1)-mediated cytokine production and cell death in human bronchial epithelial cells. *Journal of Biochemical and Molecular Toxicology*, **2005**, 19, 266-75	3.4	70
182	Distinct structure-activity relations for stimulation of 45Ca uptake and for high affinity binding in cultured rat dorsal root ganglion neurons and dorsal root ganglion membranes. *Molecular Brain Research*, **1996**, 35, 173-82		59
181	Transient receptor potential vanilloid type 1 antagonists: a patent review (2011 - 2014). *Expert Opinion on Therapeutic Patents*, **2015**, 25, 291-318	6.8	58
180	Inhibition of mouse skin tumor promotion by anti-inflammatory diarylheptanoids derived from Alpinia oxyphylla Miquel (Zingiberaceae). *Oncology Research*, **2002**, 13, 37-45	4.8	58
179	Structural insights into transient receptor potential vanilloid type 1 (TRPV1) from homology modeling, flexible docking, and mutational studies. *Journal of Computer-Aided Molecular Design*, **2011**, 25, 317-27	4.2	56
178	Transient receptor potential vanilloid-1 (TRPV1) is a mediator of lung toxicity for coal fly ash particulate material. *Molecular Pharmacology*, **2012**, 81, 411-9	4.3	51
177	Curcumin interacts directly with the Cysteine 259 residue of STAT3 and induces apoptosis in H-Ras transformed human mammary epithelial cells. *Scientific Reports*, **2018**, 8, 6409	4.9	48
176	A two-photon fluorescent probe for amyloid-β plaques in living mice. *Chemical Communications*, **2013**, 49, 1303-5	5.8	47
175	Intracellular amyloid-β accumulation in calcium-binding protein-deficient neurons leads to amyloid-β plaque formation in animal model of Alzheimer's disease. *Journal of Alzheimer's Disease*, **2012**, 29, 615-28	4.3	47

174	N-(3-Acyloxy-2-benzylpropyl)-NR(4-hydroxy-3-methoxybenzyl) thiourea derivatives as potent vanilloid receptor agonists and analgesics. *Bioorganic and Medicinal Chemistry*, **2001**, 9, 19-32	3.4	46
173	Anti-tumor promoting potential of naturally occurring diarylheptanoids structurally related to curcumin. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, **1999**, 428, 49-57	3.3	45
172	Pyrazole-5-carboxamides, novel inhibitors of receptor for advanced glycation end products (RAGE). *European Journal of Medicinal Chemistry*, **2014**, 79, 128-42	6.8	44
171	Ligand-based design, synthesis, and biological evaluation of 2-aminopyrimidines, a novel series of receptor for advanced glycation end products (RAGE) inhibitors. *Journal of Medicinal Chemistry*, **2012**, 55, 9120-35	8.3	41
170	Conformationally constrained analogues of diacylglycerol. 10. Ultrapotent protein kinase C ligands based on a racemic 5-disubstituted tetrahydro-2-furanone template. *Journal of Medicinal Chemistry*, **1996**, 39, 19-28	8.3	41
169	Different vanilloid agonists cause different patterns of calcium response in CHO cells heterologously expressing rat TRPV1. *Life Sciences*, **2005**, 76, 2921-32	6.8	40
168	Novel potent antagonists of transient receptor potential channel, vanilloid subfamily member 1: structure-activity relationship of 1,3-diarylalkyl thioureas possessing new vanilloid equivalents. *Journal of Medicinal Chemistry*, **2005**, 48, 5823-36	8.3	38
167	Methionyl adenylate analogues as inhibitors of methionyl-tRNA synthetase. *Bioorganic and Medicinal Chemistry Letters*, **1999**, 9, 1365-70	2.9	37
166	Curcumin suppresses oncogenicity of human colon cancer cells by covalently modifying the cysteine 67 residue of SIRT1. *Cancer Letters*, **2018**, 431, 219-229	9.9	37
165	Conformationally constrained analogues of diacylglycerol. 29. Cells sort diacylglycerol-lactone chemical zip codes to produce diverse and selective biological activities. *Journal of Medicinal Chemistry*, **2008**, 51, 5198-220	8.3	36
164	N-Alkoxysulfamide, N-hydroxysulfamide, and sulfamate analogues of methionyl and isoleucyl adenylates as inhibitors of methionyl-tRNA and isoleucyl-tRNA synthetases. *Bioorganic and Medicinal Chemistry Letters*, **2003**, 13, 1087-92	2.9	36
163	High-affinity partial agonists of the vanilloid receptor. *Molecular Pharmacology*, **2003**, 64, 325-33	4.3	36
162	Conformationally constrained analogues of diacylglycerol. 11. Ultrapotent protein kinase C ligands based on a chiral 5-disubstituted tetrahydro-2-furanone template. *Journal of Medicinal Chemistry*, **1996**, 39, 29-35	8.3	35
161	Structure-activity relationship of capsaicin analogs and transient receptor potential vanilloid 1-mediated human lung epithelial cell toxicity. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 337, 400-10	4.7	34
160	Conformationally constrained analogues of diacylglycerol. 12. Ultrapotent protein kinase C ligands based on a chiral 4,4-disubstituted heptono-1,4-lactone template. *Journal of Medicinal Chemistry*, **1996**, 39, 36-45	8.3	34
159	Protein kinase C. Modeling of the binding site and prediction of binding constants. *Journal of Medicinal Chemistry*, **1994**, 37, 1326-38	8.3	34
158	Contributions of TRPV1, endovanilloids, and endoplasmic reticulum stress in lung cell death in vitro and lung injury. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2012**, 302, L111-9	5.8	33
157	The transition from a pharmacophore-guided approach to a receptor-guided approach in the design of potent protein kinase C ligands **1999**, 82, 251-61		33

156	Deguelin Analogue SH-1242 Inhibits Hsp90 Activity and Exerts Potent Anticancer Efficacy with Limited Neurotoxicity. *Cancer Research*, **2016**, 76, 686-99	10.1	32
155	Novel non-vanilloid VR1 antagonist of high analgesic effects and its structural requirement for VR1 antagonistic effects. *Bioorganic and Medicinal Chemistry Letters*, **2003**, 13, 4389-93	2.9	32
154	2-(3-fluoro-4-methylsulfonylaminophenyl)propanamides as potent transient receptor potential vanilloid 1 (TRPV1) antagonists: structure-activity relationships of 2-amino derivatives in the N-(6-trifluoromethylpyridin-3-ylmethyl) C-region. *Journal of Medicinal Chemistry*, **2012**, 55, 8392-408	8.3	31
153	N-[4-(methylsulfonylamino)benzyl]thiourea analogues as vanilloid receptor antagonists: analysis of structure-activity relationships for the "C-Region". *Bioorganic and Medicinal Chemistry*, **2004**, 12, 371-85	3.4	31
152	Synthesis and Evaluation of a Novel Deguelin Derivative, L80, which Disrupts ATP Binding to the C-terminal Domain of Heat Shock Protein 90. *Molecular Pharmacology*, **2015**, 88, 245-55	4.3	30
151	Kinetics of penetration influence the apparent potency of vanilloids on TRPV1. *Molecular Pharmacology*, **2006**, 69, 1166-73	4.3	30
150	Hypoxia-mediated retinal neovascularization and vascular leakage in diabetic retina is suppressed by HIF-1 destabilization by SH-1242 and SH-1280, novel hsp90 inhibitors. *Journal of Molecular Medicine*, **2014**, 92, 1083-92	5.5	29
149	Stereospecific high-affinity TRPV1 antagonists: chiral N-(2-benzyl-3-pivaloyloxypropyl) 2-[4-(methylsulfonylamino)phenyl]propionamide analogues. *Journal of Medicinal Chemistry*, **2008**, 51, 57-67	8.3	28
148	Conformationally constrained analogues of diacylglycerol. 24. Asymmetric synthesis of a chiral (R)-DAG-lactone template as a versatile precursor for highly functionalized DAG-lactones. *Organic Letters*, **2004**, 6, 2413-6	6.2	28
147	Ester and hydroxamate analogues of methionyl and isoleucyl adenylates as inhibitors of methionyl-tRNA and isoleucyl-tRNA synthetases. *Bioorganic and Medicinal Chemistry Letters*, **2001**, 11, 961-4	2.9	28
146	N-4-Substituted-benzyl-NRtert-butylbenzyl thioureas as vanilloid receptor ligands: investigation on the role of methanesulfonamido group in antagonistic activity. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 787-91	2.9	27
145	Structure-activity relationship of human glutaminyl cyclase inhibitors having an N-(5-methyl-1H-imidazol-1-yl)propyl thiourea template. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 3821-30	3.4	25
144	Alpha-substituted N-(4-tert-butylbenzyl)-NR[4-(methylsulfonylamino)benzyl]thiourea analogues as potent and stereospecific TRPV1 antagonists. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 6043-53	3.4	24
143	Discovery of Potent Human Glutaminyl Cyclase Inhibitors as Anti-Alzheimer Agents Based on Rational Design. *Journal of Medicinal Chemistry*, **2017**, 60, 2573-2590	8.3	23
142	2-[2-Substituted-3-(3,4-dichlorobenzylamino)propylamino]-1H-quinolin-4-ones as Staphylococcus aureus methionyl-tRNA synthetase inhibitors. *European Journal of Medicinal Chemistry*, **2009**, 44, 239-50	6.8	23
141	Synthesis and evaluation of fluorine-substituted 1H-pyrrolo[2,3-b]pyridine derivatives for dopamine D4 receptor imaging. *Bioorganic and Medicinal Chemistry*, **2004**, 12, 5505-13	3.4	23
140	Comparative Effects of Curcumin and Tetrahydrocurcumin on Dextran Sulfate Sodium-induced Colitis and Inflammatory Signaling in Mice. *Journal of Cancer Prevention*, **2018**, 23, 18-24	3	23
139	C-terminal HSP90 inhibitor L80 elicits anti-metastatic effects in triple-negative breast cancer via STAT3 inhibition. *Cancer Letters*, **2019**, 447, 141-153	9.9	22

138	Aminopropyl carbazole analogues as potent enhancers of neurogenesis. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 7165-74	3.4	22
137	N-(3-acyloxy-2-benzylpropyl)-NRdihydroxytetrahydrobenzazepine and tetrahydroisoquinoline thiourea analogues as vanilloid receptor ligands. *Bioorganic and Medicinal Chemistry*, **2001**, 9, 1713-20	3.4	22
136	2-(3-Fluoro-4-methylsulfonylaminophenyl)propanamides as potent TRPV1 antagonists: structure activity relationships of the 2-oxy pyridine C-region. *European Journal of Medicinal Chemistry*, **2013**, 64, 589-602	6.8	21
135	Resiniferatoxin-amide and analogues as ligands for protein kinase C and vanilloid receptors and determination of their biological activities as vanilloids. *Journal of Neurochemistry*, **1995**, 65, 301-18	6	21
134	Discovery of an Orally Bioavailable Benzofuran Analogue That Serves as a Amyloid Aggregation Inhibitor for the Potential Treatment of Alzheimer Disease. *Journal of Medicinal Chemistry*, **2018**, 61, 396-402	8.3	21
133	Ring-truncated deguelin derivatives as potent Hypoxia Inducible Factor-1 (HIF-1) inhibitors. *European Journal of Medicinal Chemistry*, **2015**, 104, 157-64	6.8	20
132	TRPV1 activation is not an all-or-none event: TRPV1 partial agonism/antagonism and its regulatory modulation. *Current Topics in Medicinal Chemistry*, **2011**, 11, 2151-8	3	20
131	Macrocyclic diacylglycerol-bis-lactones as conformationally constrained analogues of diacylglycerol-lactones. Interactions with protein kinase C. *Journal of Medicinal Chemistry*, **2004**, 47, 4000-7	8.3	20
130	Vanilloid and isovanilloid analogues as inhibitors of methionyl-tRNA and isoleucyl-tRNA synthetases. *Bioorganic and Medicinal Chemistry Letters*, **2001**, 11, 965-8	2.9	20
129	Pharmacophore-based virtual screening: the discovery of novel methionyl-tRNA synthetase inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 4898-907	2.9	19
128	Design and synthesis of quinolinones as methionyl-tRNA synthetase inhibitors. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 7154-9	3.4	19
127	Deoxyribosyl analogues of methionyl and isoleucyl sulfamate adenylates as inhibitors of methionyl-tRNA and isoleucyl-tRNA synthetases. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 3389-93	2.9	19
126	Novel Hypoxia-Inducible Factor 1 (HIF-1) Inhibitors for Angiogenesis-Related Ocular Diseases: Discovery of a Novel Scaffold via Ring-Truncation Strategy. *Journal of Medicinal Chemistry*, **2018**, 61, 9266-9286	8.3	19
125	Conformationally constrained analogues of diacylglycerol (DAG). Effect on protein kinase C (PK-C) binding by the isosteric replacement of sn-1 and sn-2 esters in DAG-lactones. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 2529-39	3.4	18
124	Conformationally constrained analogues of diacylglycerol. 19. Synthesis and protein kinase C binding affinity of diacylglycerol lactones bearing an N-hydroxylamide side chain. *Journal of Medicinal Chemistry*, **2003**, 46, 2790-3	8.3	18
123	TRPV1 antagonist with high analgesic efficacy: 2-Thio pyridine C-region analogues of 2-(3-fluoro-4-methylsulfonylaminophenyl)propanamides. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 6657-64	3.4	17
122	Synthesis of N,NR,N"-trisubstituted thiourea derivatives and their antagonist effect on the vanilloid receptor. *Bioorganic and Medicinal Chemistry Letters*, **2003**, 13, 601-4	2.9	17
121	Analysis of structure-activity relationships for the A-region of N-(4-t-butylbenzyl)-NR[4-(methylsulfonylamino)benzyl]thiourea analogues as TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 4136-42	2.9	17

120	Synthesis and biological evaluation of C-ring truncated deguelin derivatives as heat shock protein 90 (HSP90) inhibitors. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 6082-6093	3.4	17
119	Development of a novel Hsp90 inhibitor NCT-50 as a potential anticancer agent for the treatment of non-small cell lung cancer. *Scientific Reports*, **2018**, 8, 13924	4.9	17
118	Discovery of dual-acting opioid ligand and TRPV1 antagonists as novel therapeutic agents for pain. *European Journal of Medicinal Chemistry*, **2019**, 182, 111634	6.8	16
117	Conformationally constrained analogues of diacylglycerol (DAG). 14. Dissection of the roles of the sn-1 and sn-2 carbonyls in DAG mimetics by isopharmacophore replacement. *Bioorganic and Medicinal Chemistry Letters*, **1998**, 8, 1757-62	2.9	16
116	Synthesis of 2-substituted-pyrrolidinethiourea derivatives and their antagonist effect on vanilloid receptor. *Bioorganic and Medicinal Chemistry Letters*, **2003**, 13, 197-200	2.9	16
115	3-Acyloxy-2-phenalkylpropyl amides and esters of homovanillic acid as novel vanilloid receptor agonists. *Bioorganic and Medicinal Chemistry Letters*, **1999**, 9, 2909-14	2.9	16
114	2-Aryl substituted pyridine C-region analogues of 2-(3-fluoro-4-methylsulfonylaminophenyl)propanamides as highly potent TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 4044-7	2.9	15
113	Methionine analogues as inhibitors of methionyl-tRNA synthetase. *Bioorganic and Medicinal Chemistry Letters*, **1998**, 8, 3511-4	2.9	14
112	Differential modulation of agonist and antagonist structure activity relations for rat TRPV1 by cyclosporin A and other protein phosphatase inhibitors. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2008**, 377, 149-57	3.4	14
111	Analysis of structure-activity relationships with the N-(3-acyloxy-2-benzylpropyl)-NR[4-(methylsulfonylamino)benzyl]thiourea template for vanilloid receptor 1 antagonism. *Bioorganic and Medicinal Chemistry*, **2004**, 12, 3411-20	3.4	14
110	A comparative study of quantitative structure activity relationship methods based on antitumor diarylsulfonylureas. *European Journal of Medicinal Chemistry*, **2001**, 36, 829-36	6.8	14
109	A simple and efficient in vitro method for metabolism studies of radiotracers. *Nuclear Medicine and Biology*, **2001**, 28, 391-5	2.1	14
108	Conformationally constrained analogues of diacylglycerol. 18. The incorporation of a hydroxamate moiety into diacylglycerol-lactones reduces lipophilicity and helps discriminate between sn-1 and sn-2 binding modes to protein kinase C (PK-C). Implications for isozyme specificity. *Journal of Medicinal Chemistry*, **2001**, 44, 4309-12	8.3	14
107	Differential Regulation of Gene Expression in Lung Cancer Cells by Diacylglycerol-Lactones and a Phorbol Ester Via Selective Activation of Protein Kinase C Isozymes. *Scientific Reports*, **2019**, 9, 6041	4.9	13
106	Discovery of Leucyladenylate Sulfamates as Novel Leucyl-tRNA Synthetase (LRS)-Targeted Mammalian Target of Rapamycin Complex 1 (mTORC1) Inhibitors. *Journal of Medicinal Chemistry*, **2016**, 59, 10322-10328	8.3	13
105	2-Alkyl/alkenyl substituted pyridine C-region analogues of 2-(3-fluoro-4-methylsulfonylaminophenyl)propanamides as highly potent TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 4039-43	2.9	13
104	2-Benzyl and 2-phenyl-3-hydroxypropyl pivalates as protein kinase C ligands. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 2022-31	3.4	13
103	Phenolic modification as an approach to improve the pharmacology of the 3-acyloxy-2-benzylpropyl homovanillic amides and thioureas, a promising class of vanilloid receptor agonists and analgesics. *Bioorganic and Medicinal Chemistry*, **2002**, 10, 1171-9	3.4	13

102	Synthesis and biological evaluation of 1-(4-[18F]fluorobenzyl)-4-[(5,6-dimethoxy-1-oxoindan-2-yl)methyl]piperidine for in vivo studies of acetylcholinesterase. *Nuclear Medicine and Biology*, **2000**, 27, 741-4	2.1	13
101	Conformationally constrained analogues of diacylglycerol. 13. Protein kinase C ligands based on templates derived from 2,3-dideoxy-L-erythro(threo)-hexono-1,4-lactone and 2-deoxyapiolactone. *Journal of Medicinal Chemistry*, **1996**, 39, 4912-9	8.3	13
100	Synthesis of two rigid diacylglycerol analogues having a bis-butyrolactone skeleton. *Tetrahedron Letters*, **1992**, 33, 1539-1542	2	13
99	Discovery of simplified leucyladenylate sulfamates as novel leucyl-tRNA synthetase (LRS)-targeted mammalian target of rapamycin complex 1 (mTORC1) inhibitors. *Bioorganic and Medicinal Chemistry* , **2017**, 25, 4145-4152	3.4	12
98	Discovery of a Small Molecule that Enhances Astrocytogenesis by Activation of STAT3, SMAD1/5/8, and ERK1/2 via Induction of Cytokines in Neural Stem Cells. *ACS Chemical Neuroscience*, **2016**, 7, 90-9	5.7	12
97	Characterization of AJH-836, a diacylglycerol-lactone with selectivity for novel PKC isozymes. *Journal of Biological Chemistry*, **2018**, 293, 8330-8341	5.4	12
96	N-4-t-Butylbenzyl 2-(4-methylsulfonylaminophenyl) propanamide TRPV1 antagonists: Structure-activity relationships in the A-region. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 215-24	3.4	12
95	Analysis of structure-activity relationships for the B-region of N-(3-acyloxy-2-benzylpropyl)-N'-[4-(methylsulfonylamino)benzyl]thiourea analogues as vanilloid receptor antagonists: discovery of an N-hydroxythiourea analogue with potent analgesic activity.	2.9	12
94	Conformationally constrained analogues of diacylglycerol (DAG). Part 19: Asymmetric syntheses of (3R)- and (3S)-3-hydroxy-4,4-disubstituted heptono-1,4-lactones as protein kinase C (PK-C) ligands with increased hydrophilicity. *Tetrahedron*, **2002**, 58, 5335-5345	2.4	12
93	Fine tuning of 4,6-bisphenyl-2-(3-alkoxyanilino)pyrimidine focusing on the activity-sensitive aminoalkoxy moiety for a therapeutically useful inhibitor of receptor for advanced glycation end products (RAGE). *Bioorganic and Medicinal Chemistry*, **2015**, 23, 579-87	3.4	11
92	Potent human glutaminyl cyclase inhibitors as potential anti-Alzheimer's agents: Structure-activity relationship study of Arg-mimetic region. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 1035-1049	3.4	11
91	Inhibition of glutaminyl cyclase ameliorates amyloid pathology in an animal model of Alzheimer's disease via the modulation of β-secretase activity. *Journal of Alzheimer's Disease*, **2015**, 43, 797-807	4.3	11
90	Pyridine C-region analogs of 2-(3-fluoro-4-methylsulfonylaminophenyl)propanamides as potent TRPV1 antagonists. *European Journal of Medicinal Chemistry*, **2015**, 93, 101-8	6.8	11
89	Analysis of structure-activity relationships for the B-region of N-(4-t-butylbenzyl)-N'-[4-(methylsulfonylamino)benzyl]-thiourea analogues as TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 4143-50	2.9	11
88	Protein kinase C ligands based on tetrahydrofuran templates containing a new set of phorbol ester pharmacophores. *Journal of Medicinal Chemistry*, **1999**, 42, 4129-39	8.3	11
87	Conformationally constrained analogues of diacylglycerol. 6. Changes in PK-C binding affinity for 3-O-acyl-2-deoxy-L-ribonolactones bearing different acyl chains.. *Bioorganic and Medicinal Chemistry Letters*, **1994**, 4, 355-360	2.9	11
86	An Aminopropyl Carbazole Derivative Induces Neurogenesis by Increasing Final Cell Division in Neural Stem Cells. *Biomolecules and Therapeutics*, **2015**, 23, 313-9	4.2	11
85	Discovery of (S)-4-isobutyloxazolidin-2-one as a novel leucyl-tRNA synthetase (LRS)-targeted mTORC1 inhibitor. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 3038-3041	2.9	11

84	Differential effects of MEK inhibitors on rat neural stem cell differentiation: Repressive roles of MEK2 in neurogenesis and induction of astrocytogenesis by PD98059. *Pharmacological Research*, **2019**, 149, 104466	10.2	10
83	Investigation of B,C-ring truncated deguelin derivatives as heat shock protein 90 (HSP90) inhibitors for use as anti-breast cancer agents. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 1370-1381	3.4	10
82	-Substituted 2-(3-fluoro-4-methylsulfonamidophenyl)acetamides as potent TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 2326-30	2.9	10
81	Design and synthesis of protein kinase C epsilon selective diacylglycerol lactones (DAG-lactones). *European Journal of Medicinal Chemistry*, **2015**, 90, 332-41	6.8	10
80	Discovery of N-(3-fluoro-4-methylsulfonamidomethylphenyl)urea as a potent TRPV1 antagonistic template. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 3603-7	2.9	10
79	Design and synthesis of bioisosteres of ultrapotent protein kinase C (PKC) ligand, 5-acetoxymethyl-5-hydroxymethyl-3-alkylidene tetrahydro-2-furanone. *Archives of Pharmacal Research*, **1998**, 21, 452-7	6.1	10
78	3-D-QSAR study and molecular docking of methionyl-tRNA synthetase inhibitors. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 5325-31	3.4	10
77	A Facile Synthesis of an (E)-4-Methyl-4-Hexenoic Acid Substituted Pyridine Analogue of Mycophenolic Acid. *Synthetic Communications*, **1992**, 22, 369-376	1.7	10
76	Conformationally constrained analogues of diacylglycerol (DAG). 3. Interaction of -alkyl- -lactones with protein kinase C (PK-C). *Bioorganic and Medicinal Chemistry Letters*, **1993**, 3, 1101-1106	2.9	10
75	2-Sulfonamidopyridine C-region analogs of 2-(3-fluoro-4-methylsulfonamidophenyl)propanamides as potent TRPV1 antagonists. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 1231-40	3.4	9
74	Synthesis and biological activities of truncated acridone: Structure-activity relationship studies of cytotoxic 5-hydroxy-4-quinolone. *Bioorganic and Medicinal Chemistry Letters*, **1997**, 7, 789-792	2.9	9
73	Chain-branched 1,3-dibenzylthioureas as vanilloid receptor 1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 1751-5	2.9	9
72	Structure-activity relationships of simplified resiniferatoxin analogues with potent VR1 agonism elucidates an active conformation of RTX for VR1 binding. *Bioorganic and Medicinal Chemistry*, **2004** , 12, 1055-69	3.4	9
71	Discovery of an Orally Bioavailable Gonadotropin-Releasing Hormone Receptor Antagonist. *Journal of Medicinal Chemistry*, **2016**, 59, 9150-9172	8.3	9
70	6-Phenoxy-2-phenylbenzoxazoles, novel inhibitors of receptor for advanced glycation end products (RAGE). *Bioorganic and Medicinal Chemistry*, **2015**, 23, 4919-4935	3.4	8
69	Asymmetric synthesis and receptor activity of chiral simplified resiniferatoxin (sRTX) analogues as transient receptor potential vanilloid 1 (TRPV1) ligands. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 382-5	2.9	8
68	Pyrazole C-region analogues of 2-(3-fluoro-4-methylsulfonylaminophenyl)propanamides as potent TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 4383-4388	2.9	8
67	Non-vanillyl resiniferatoxin analogues as potent and metabolically stable transient receptor potential vanilloid 1 agonists. *Bioorganic and Medicinal Chemistry*, **2009**, 17, 690-8	3.4	8

66	Branched diacylglycerol-lactones as potent protein kinase C ligands and alpha-secretase activators. *Journal of Medicinal Chemistry*, **2006**, 49, 2028-36	8.3	8
65	Synthesis of 7R[123I]iodo-D-luciferin for in vivo studies of firefly luciferase gene expression. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 1161-3	2.9	8
64	Thiourea analogues of resiniferatoxin as ligands for the vanilloid receptor. *Bioorganic and Medicinal Chemistry Letters*, **1995**, 5, 1331-1334	2.9	8
63	Conformationally constrained analogues of diacylglycerol (DAG)--II. Differential interaction of delta-lactones and gamma-lactones with protein kinase C (PK-C). *Bioorganic and Medicinal Chemistry*, **1993**, 1, 119-23	3.4	8
62	and determination of glutaminyl cyclase inhibitors.. *RSC Advances*, **2019**, 9, 29619-29627	3.7	8
61	Structure activity relationships of benzyl C-region analogs of 2-(3-fluoro-4-methylsulfonamidophenyl)propanamides as potent TRPV1 antagonists. *Bioorganic and Medicinal Chemistry*, **2015**, 23, 6844-54	3.4	7
60	Structure-activity relationship investigation of Phe-Arg mimetic region of human glutaminyl cyclase inhibitors. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 3133-3144	3.4	7
59	Discovery of novel leucyladenylate sulfamate surrogates as leucyl-tRNA synthetase (LRS)-targeted mammalian target of rapamycin complex 1 (mTORC1) inhibitors. *Bioorganic and Medicinal Chemistry* , **2018**, 26, 4073-4079	3.4	7
58	Discovery of Conformationally Restricted Human Glutaminyl Cyclase Inhibitors as Potent Anti-Alzheimer's Agents by Structure-Based Design. *Journal of Medicinal Chemistry*, **2019**, 62, 8011-8027	8.3	7
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