Jeewoo Lee

List of Publications by Year in Descending Order

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	A novel C-terminal heat shock protein 90 inhibitor that overcomes STAT3-Wnt-β-catenin signaling-mediated drug resistance and adverse effects.. *Theranostics*, **2022**, 12, 105-125	12.1	1
190	Design and Synthesis of an N-Benzyl 5-(4-Sulfamoylbenzylidene-2-thioxothiazolidin-4-one Scaffold as a Novel NLRP3 Inflammasome Inhibitor.. *Bioorganic and Medicinal Chemistry Letters*, **2022**, 128693	2.9	
189	Structural anatomy of Protein Kinase C C1 domain interactions with diacylglycerol and other agonists.. *Nature Communications*, **2022**, 13, 2695	17.4	3
188	The C-terminal HSP90 inhibitor NCT-58 kills trastuzumab-resistant breast cancer stem-like cells. *Cell Death Discovery*, **2021**, 7, 354	6.9	1
187	Discovery of 5-(N-hydroxycarbamimidoyl) benzofuran derivatives as novel indoleamine 2,3-dioxygenase 1 (IDO1) inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 40, 127963	2.9	1
186	The KDM5 Inhibitor KDM5-C70 Induces Astrocyte Differentiation in Rat Neural Stem Cells. *ACS Chemical Neuroscience*, **2021**, 12, 441-446	5.7	0
185	Discovery of a simplified deguelin analog as an HSP90 C-terminal inhibitor for HER2-positive breast cancer. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 45, 128134	2.9	4
184	2-(Halogenated Phenyl) acetamides and propanamides as potent TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2021**, 48, 128266	2.9	0
183	Discovery of highly potent human glutaminyl cyclase (QC) inhibitors as anti-Alzheimer's agents by the combination of pharmacophore-based and structure-based design. *European Journal of Medicinal Chemistry*, **2021**, 226, 113819	6.8	1
182	Discovery of Benzopyridone-Based Transient Receptor Potential Vanilloid 1 Agonists and Antagonists and the Structural Elucidation of Their Activity Shift. *Journal of Medicinal Chemistry*, **2021**, 64, 370-384	8.3	3
181	Discovery of novel anti-breast cancer agents derived from deguelin as inhibitors of heat shock protein 90 (HSP90). *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127374	2.9	4
180	In vitro characterization of the thermoneutral transient receptor potential vanilloid-1 (TRPV1) inhibitor GRTE16523. *European Journal of Pharmacology*, **2020**, 871, 172934	5.3	5
179	Discovery of novel heat shock protein (Hsp90) inhibitors based on luminespib with potent antitumor activity. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127165	2.9	1
178	Discovery of Nonpungent Transient Receptor Potential Vanilloid 1 (TRPV1) Agonist as Strong Topical Analgesic. *Journal of Medicinal Chemistry*, **2020**, 63, 418-424	8.3	7
177	Discovery of indane propanamides as potent and selective TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 126838	2.9	6
176	Discovery of 1-(1H-indazol-4-yl)-3-((1-phenyl-1H-pyrazol-5-yl)methyl) ureas as potent and thermoneutral TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127548	2.9	2
175	A novel HSP90 inhibitor targeting the C-terminal domain attenuates trastuzumab resistance in HER2-positive breast cancer. *Molecular Cancer*, **2020**, 19, 161	42.1	5

174	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
173	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
172	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
171	Structure-activity relationship of leucyladenylate sulfamate analogues as leucyl-tRNA synthetase (LRS)-targeting inhibitors of Mammalian target of rapamycin complex 1 (mTORC1). *Bioorganic and Medicinal Chemistry*, **2019**, 27, 1099-1109	3.4	5
170	Differential Regulation of Gene Expression in Lung Cancer Cells by Diacyglycerol-Lactones and a Phorbol Ester Via Selective Activation of Protein Kinase C Isozymes. *Scientific Reports*, **2019**, 9, 6041	4.9	13
169	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
168	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
167	Combination of a Rapidly Penetrating Agonist and a Slowly Penetrating Antagonist Affords Agonist Action of Limited Duration at the Cellular Level. *Biomolecules and Therapeutics*, **2019**, 27, 435-441	4.2	0
166	Functional Group-Dependent Induction of Astrocytogenesis and Neurogenesis by Flavone Derivatives. *Biomolecules*, **2019**, 9,	5.9	4
165	and determination of glutaminyl cyclase inhibitors.. *RSC Advances*, **2019**, 9, 29619-29627	3.7	8
164	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
163	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
162	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
161	Synthesis and biological evaluation of 3-(2-aminoethyl) uracil derivatives as gonadotropin-releasing hormone (GnRH) receptor antagonists. *European Journal of Medicinal Chemistry*, **2018**, 145, 413-424	6.8	3
160	4-Aminophenyl acetamides and propanamides as potent transient receptor potential vanilloid 1 (TRPV1) ligands. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 4509-4517	3.4	3
159	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
158	-Arylidene Diacylglycerol-Lactones (DAG-Lactones) as Selective Ras Guanine-Releasing Protein 3 (RasGRP3) Ligands. *Journal of Medicinal Chemistry*, **2018**, 61, 6261-6276	8.3	2
157	Characterization of AJH-836, a diacylglycerol-lactone with selectivity for novel PKC isozymes. *Journal of Biological Chemistry*, **2018**, 293, 8330-8341	5.4	12

156	Discovery of an Orally Bioavailable Benzofuran Analogue That Serves as a Amyloid Aggregation Inhibitor for the Potential Treatment of Alzheimer's Disease. *Journal of Medicinal Chemistry*, **2018**, 61, 396-402	8.3	21
155	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
154	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
153	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
152	Discovery of 2-(3,5-difluoro-4-methylsulfonaminophenyl)propanamides as potent TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 2539-2542	2.9	1
151	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
150	Discovery of Potent Human Glutaminyl Cyclase Inhibitors as Anti-Alzheimer's Agents Based on Rational Design. *Journal of Medicinal Chemistry*, **2017**, 60, 2573-2590	8.3	23
149	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
148	t-Butyl pyridine and phenyl C-region analogues of 2-(3-fluoro-4-methylsulfonylaminophenyl)propanamides as potent TRPV1 antagonists. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 2451-2462	3.4	6
147	Novel Radiolabeled Vanilloid with Enhanced Specificity for Human Transient Receptor Potential Vanilloid 1 (TRPV1). *Journal of Medicinal Chemistry*, **2017**, 60, 8246-8252	8.3	4
146	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
145	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
144	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
143	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
142	Deguelin Analogue SH-1242 Inhibits Hsp90 Activity and Exerts Potent Anticancer Efficacy with Limited Neurotoxicity. *Cancer Research*, **2016**, 76, 686-99	10.1	32
141	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
140	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
139	Discovery of an Orally Bioavailable Gonadotropin-Releasing Hormone Receptor Antagonist. *Journal of Medicinal Chemistry*, **2016**, 59, 9150-9172	8.3	9

138	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
137	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
136	Substituted 2-(3-fluoro-4-methylsulfonamidophenyl)acetamides as potent TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 2326-30	2.9	10
135	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
134	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
133	Beyond the affinity for protein kinase C: exploring 2-phenyl-3-hydroxypropyl pivalate analogues as C1 domain-targeting ligands. *MedChemComm*, **2015**, 6, 547-554	5	5
132	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
131	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
130	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
129	Inhibition of glutaminyl cyclase ameliorates amyloid pathology in an animal model of Alzheimer's disease via the modulation of secretase activity. *Journal of Alzheimer's Disease*, **2015**, 43, 797-807	4.3	11
128	6,6-Fused heterocyclic ureas as highly potent TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 803-6	2.9	3
127	Transient receptor potential vanilloid type 1 antagonists: a patent review (2011 - 2014). *Expert Opinion on Therapeutic Patents*, **2015**, 25, 291-318	6.8	58
126	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
125	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
124	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
123	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
122	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
121	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

120	-Methylated simplified resiniferatoxin (sRTX) thiourea analogues as potent and stereospecific TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 2685-8	2.9	3
119	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
118	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
117	Migration of neutrophils targeting amyloid plaques in Alzheimer's disease mouse model. *Neurobiology of Aging*, **2014**, 35, 1286-92	5.6	91
116	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
115	Aminopropyl carbazole analogues as potent enhancers of neurogenesis. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 7165-74	3.4	22
114	A two-photon fluorescent probe for amyloid- plaques in living mice. *Chemical Communications*, **2013**, 49, 1303-5	5.8	47
113	The carbonate analogues of 5-halogenated resiniferatoxin as TRPV1 ligands. *European Journal of Medicinal Chemistry*, **2013**, 68, 233-43	6.8	5
112	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
111	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
110	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
109	2-(4-Methylsulfonylaminophenyl) propanamide TRPV1 antagonists: Structure-activity relationships in the B and C-regions. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 1310-8	3.4	3
108	Structure-activity relationships and molecular modeling of the N-(3-pivaloyloxy-2-benzylpropyl)-N'-[4-(methylsulfonylamino)benzyl] thiourea template for TRPV1 antagonism. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 3656-60	2.9	5
107	The SAR analysis of TRPV1 agonists with the -methylated B-region. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 5227-31	2.9	3
106	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
105	Intracellular amyloid- accumulation in calcium-binding protein-deficient neurons leads to amyloid- plaque formation in animal model of Alzheimer's disease. *Journal of Alzheimer's Disease*, **2012**, 29, 615-28	4.3	47
104	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
103	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

102	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
101	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
100	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
99	Physiologically based pharmacokinetic modeling of SNU-0039, an anti-Alzheimer's agent, in rats. *Journal of Pharmacokinetics and Pharmacodynamics*, **2011**, 38, 637-51	2.7	5
98	Receptor activity and conformational analysis of 5-halogenated resiniferatoxin analogs as TRPV1 ligands. *Bioorganic and Medicinal Chemistry Letters*, **2011**, 21, 299-302	2.9	5
97	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
96	Polar 3-alkylidene-5-pivaloyloxymethyl-5-hydroxymethyl-gamma-lactones as protein kinase C ligands and antitumor agents. *Bioorganic and Medicinal Chemistry Letters*, **2010**, 20, 1008-12	2.9	5
95	Halogenation of 4-hydroxy/amino-3-methoxyphenyl acetamide TRPV1 agonists showed enhanced antagonism to capsaicin. *Bioorganic and Medicinal Chemistry*, **2010**, 18, 8092-105	3.4	4
94	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
93	Conformationally constrained analogues of N-(4-tert-butylbenzyl)-N'-(4-methylsulfonylaminobenzyl)thiourea as TRPV1 antagonists. *European Journal of Medicinal Chemistry*, **2009**, 44, 322-31	6.8	4
92	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
91	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
90	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
89	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
88	Differential modulation of agonist and antagonist structure activity relations for rat TRPV1 by cyclosporin A and other protein phosphatase inhibitors. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2008**, 377, 149-57	3.4	14
87	Alpha-substituted N-(4-tert-butylbenzyl)-N'-[4-(methylsulfonylamino)benzyl]thiourea analogues as potent and stereospecific TRPV1 antagonists. *Bioorganic and Medicinal Chemistry*, **2007**, 15, 6043-53	3.4	24
86	Halogenation of 4-hydroxy-3-methoxybenzyl thiourea TRPV1 agonists showed enhanced antagonism to capsaicin. *Bioorganic and Medicinal Chemistry Letters*, **2007**, 17, 214-9	2.9	7
85	Kinetics of penetration influence the apparent potency of vanilloids on TRPV1. *Molecular Pharmacology*, **2006**, 69, 1166-73	4.3	30

84	Branched diacylglycerol-lactones as potent protein kinase C ligands and alpha-secretase activators. *Journal of Medicinal Chemistry*, **2006**, 49, 2028-36	8.3	8
83	Pharmacophore-based virtual screening: the discovery of novel methionyl-tRNA synthetase inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2006**, 16, 4898-907	2.9	19
82	2-Benzyl and 2-phenyl-3-hydroxypropyl pivalates as protein kinase C ligands. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 2022-31	3.4	13
81	Design and synthesis of quinolinones as methionyl-tRNA synthetase inhibitors. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 7154-9	3.4	19
80	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
79	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
78	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
77	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
76	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
75	Analysis of structure-activity relationships for the A-region of N-(4-t-butylbenzyl)-N'-[4-(methylsulfonylamino)benzyl]thiourea analogues as TRPV1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 4136-42	2.9	17
74	Chain-branched 1,3-dibenzylthioureas as vanilloid receptor 1 antagonists. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 1751-5	2.9	9
73	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. *Bioorganic and Medicinal Chemistry Letters*, **2004**, 14, 2291-7	2.9	12
72	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
71	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
70	3D-QSAR analysis of conformationally constrained diacylglycerol (DAG) analogues as potent protein kinase C (PK-C) ligands. *Bioorganic and Medicinal Chemistry*, **2004**, 12, 2639-44	3.4	3
69	Analysis of structure-activity relationships with the N-(3-acyloxy-2-benzylpropyl)-N'-[4-(methylsulfonylamino)benzyl]thiourea template for vanilloid receptor 1 antagonism. *Bioorganic and Medicinal Chemistry*, **2004**, 12, 3411-20	3.4	14
68	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
67	Conformationally constrained diacylglycerol (DAG) analogs: 4-C-hydroxyethyl-5-O-acyl-2,3-dideoxy-D-glyceropentono-1,4-lactone analogs as protein kinase C (PKC) ligands. *European Journal of Medicinal Chemistry*, **2004**, 39, 69-77	6.8	4

66	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
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	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
63	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
62	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
61	3-D-QSAR study and molecular docking of methionyl-tRNA synthetase inhibitors. *Bioorganic and Medicinal Chemistry*, **2003**, 11, 5325-31	3.4	10
60	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
59	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
58	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
57	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
56	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
55	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
54	Lovastatin enhances Abeta production and senile plaque deposition in female Tg2576 mice. *Neurobiology of Aging*, **2003**, 24, 637-43	5.6	114
53	High-affinity partial agonists of the vanilloid receptor. *Molecular Pharmacology*, **2003**, 64, 325-33	4.3	36
52	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
51	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
50	High affinity antagonists of the vanilloid receptor. *Molecular Pharmacology*, **2002**, 62, 947-56	4.3	89
49	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

48	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
47	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
46	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
45	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
44	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
43	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
42	5-acyloxy-5-hydroxymethyltetrahydro-2-furancarboxylate as a novel template for protein kinase C (PKC) binding. *Il Farmaco*, **2001**, 56, 203-10		2
41	A simple and efficient in vitro method for metabolism studies of radiotracers. *Nuclear Medicine and Biology*, **2001**, 28, 391-5	2.1	14
40	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
39	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
38	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
37	Methionyl adenylate analogues as inhibitors of methionyl-tRNA synthetase. *Bioorganic and Medicinal Chemistry Letters*, **1999**, 9, 1365-70	2.9	37
36	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
35	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
34	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
33	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
32	A Facile and Practical Synthesis of Capsazepine, a Vanilloid Receptor Antagonist. *Synthetic Communications*, **1999**, 29, 4127-4140	1.7	5
31	Conformationally constrained analogues of diacylglycerol having a perhydrofuro[3,4-c]furan-1,4-dione bis-gamma-butyrolactone skeleton. *Archives of Pharmacal Research*, **1998**, 21, 164-7	6.1	1

30	Synthesis and biological activity of 5-hydroxy-4-quinolones and 5-methoxy-4-quinolones as truncated acridones. *Archives of Pharmacal Research*, **1998**, 21, 445-51	6.1	1
29	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
28	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
27	Methionine analogues as inhibitors of methionyl-tRNA synthetase. *Bioorganic and Medicinal Chemistry Letters*, **1998**, 8, 3511-4	2.9	14
26	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
25	Syntheses and antiviral activities of 1,3-dioxolanyl-, 1,3-oxathiolanyl- and 1,3-dithiolanylnucleosides with 2-hydroxymethyl substituents. *Bioorganic and Medicinal Chemistry Letters*, **1997**, 7, 1475-1480	2.9	7
24	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
23	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
22	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
21	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
20	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
19	Synthesis and antiviral activity of fluoro sugar nucleosides 2: Synthesis and biological evaluations of 2?, 3?-dideoxy-2?-fluoro-3?-C-hydroxymethyl-Ð-D-arabinofuranosyl nucleosides. *Archives of Pharmacal Research*, **1996**, 19, 243-245	6.1	1
18	Synthesis of bis-gamma-butyrolactones containing conformationally constrained (S)- and (R)-diacylglycerol structures. *Bioorganic and Medicinal Chemistry*, **1996**, 4, 1299-305	3.4	4
17	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
16	Design and synthesis of heterocyclic analogues of mycophenolic acid as potential chemotherapeutic agents. *Bioorganic and Medicinal Chemistry Letters*, **1995**, 5, 861-866	2.9	2
15	Thiourea analogues of resiniferatoxin as ligands for the vanilloid receptor. *Bioorganic and Medicinal Chemistry Letters*, **1995**, 5, 1331-1334	2.9	8
14	Synthesis of a Rigid Diacylglycerol Analogue Having a Bis-Ð-butyrolactone Skeleton Separated by a Cyclopentane Ring. *Chemistry Letters*, **1995**, 24, 299-300	1.7	1
13	Synthesis of two Rigid Diacylglycerol Analogues Having a 1,7-Dioxasjuro[4.4]nonane Bis-Ð-butyrolactone Skeleton.4.1. *Synlett*, **1994**, 1994, 206-208	2.2	7

12	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
11	Conformationally constrained analogues of DAG.7. Interaction of a medium-size □lactone with protein kinase C (PK-C)_. *Bioorganic and Medicinal Chemistry Letters*, **1994**, 4, 543-548	2.9	5
10	Conformationally constrained analogues of dag .8. Changes in PK-C binding affinity produced by isosteric groups of the 3-O-acyl function in 2-deoxy-L-ribonolactones. *Bioorganic and Medicinal Chemistry Letters*, **1994**, 4, 1369-1374	2.9	5
9	Conformationally constrained analogues of diacylglycerol. 9.1 the effect of side-chain orientation on the protein kinase C (PK-C) binding affinity of □lactones. *Bioorganic and Medicinal Chemistry Letters*, **1994**, 4, 2405-2410	2.9	5
8	Protein kinase C. Modeling of the binding site and prediction of binding constants. *Journal of Medicinal Chemistry*, **1994**, 37, 1326-38	8.3	34
7	Synthesis of two rigid diacylglycerol analogues having a perhydro furo[34-b]furan bis-□butyrolactone skeleton. 2.. *Tetrahedron Letters*, **1993**, 34, 4313-4316	2	5
6	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
5	Conformationally constrained analogues of diacylglycerol (DAG). 4. Interaction of □alkylidene-□lactones with protein kinase C (PK-C). *Bioorganic and Medicinal Chemistry Letters*, **1993**, 3, 1107-1110	2.9	6
4	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
3	Synthesis of two rigid diacylglycerol analogues having a perhydro furo[3,2-b]furan bis-□butyrolactone skeleton. 3.. *Tetrahedron Letters*, **1993**, 34, 4317-4320	2	5
2	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
1	Synthesis of two rigid diacylglycerol analogues having a bis-butyrolactone skeleton. *Tetrahedron Letters*, **1992**, 33, 1539-1542	2	13