Jeewoo Lee

List of Publications by Year in descending order

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194	4,671	101543	155660
papers	citations	36 h-index	55 g-index

207	207	207	4921
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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, 1184-1201.	1.8	246
2	Uric acid induces endothelial dysfunction by vascular insulin resistance associated with the impairment of nitric oxide synthesis. FASEB Journal, 2014, 28, 3197-3204.	0.5	164
3	Migration of neutrophils targeting amyloid plaques in Alzheimer's disease mouse model. Neurobiology of Aging, 2014, 35, 1286-1292.	3.1	146
4	Lovastatin enhances AÎ² production and senile plaque deposition in female Tg2576 mice. Neurobiology of Aging, 2003, 24, 637-643.	3.1	131
5	N-(3-Acyloxy-2-benzylpropyl)-Nâ€˜-[4-(methylsulfonylamino)benzyl]thiourea Analogues:Â Novel Potent and High Affinity Antagonists and Partial Antagonists of the Vanilloid Receptor. Journal of Medicinal Chemistry, 2003, 46, 3116-3126.	6.4	110
6	High Affinity Antagonists of the Vanilloid Receptor. Molecular Pharmacology, 2002, 62, 947-956.	2.3	97
7	Diacylglycerol (DAG)-lactones, a New Class of Protein Kinase C (PKC) Agonists, Induce Apoptosis in LNCaP Prostate Cancer Cells by Selective Activation of PKCÎ±. Journal of Biological Chemistry, 2002, 277, 645-655.	3.4	88
8	Conformationally Constrained Analogues of Diacylglycerol (DAG). 16.1How Much Structural Complexity Is Necessary for Recognition and High Binding Affinity to Protein Kinase C?. Journal of Medicinal Chemistry, 2000, 43, 921-944.	6.4	75
9	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, 266-275.	3.0	74
10	Transient receptor potential vanilloid type 1 antagonists: a patent review (2011 â€“ 2014). Expert Opinion on Therapeutic Patents, 2015, 25, 291-318.	5.0	65
11	Inhibition of Mouse Skin Tumor Promotion by Anti-Inflammatory Diarylheptanoids Derived From Alpinia oxyphylla Miquel (Zingiberaceae). Oncology Research, 2002, 13, 37-45.	1.5	64
12	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, 317-327.	2.9	64
13	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.	3.3	64
14	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, 173-182.	2.3	63
15	Pyrazole-5-carboxamides, novel inhibitors of receptor for advanced glycation end products (RAGE). European Journal of Medicinal Chemistry, 2014, 79, 128-142.	5.5	60
16	Curcumin suppresses oncogenicity of human colon cancer cells by covalently modifying the cysteine 67 residue of SIRT1. Cancer Letters, 2018, 431, 219-229.	7.2	60
17	Transient Receptor Potential Vanilloid-1 (TRPV1) Is a Mediator of Lung Toxicity for Coal Fly Ash Particulate Material. Molecular Pharmacology, 2012, 81, 411-419.	2.3	58
18	A two-photon fluorescent probe for amyloid-Î² plaques in living mice. Chemical Communications, 2013, 49, 1303.	4.1	54

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19	Intracellular Amyloid-Î² Accumulation in Calcium-Binding Protein-Deficient Neurons Leads to Amyloid-Î² Plaque Formation in Animal Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 29, 615-628.	2.6	53
20	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, 9120-9135.	6.4	52
21	Anti-tumor promoting potential of naturally occurring diarylheptanoids structurally related to curcumin. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1999, 428, 49-57.	1.0	49
22	N-(3-acyloxy-2-benzylpropyl)-Nâ€²-(4-hydroxy-3-methoxybenzyl)thiourea derivatives as potent vanilloid receptor agonists and analgesics. Bioorganic and Medicinal Chemistry, 2001, 9, 19-32.	3.0	49
23	Conformationally Constrained Analogues of Diacylglycerol. 10. Ultrapotent Protein Kinase C Ligands Based on a Racemic 5-Disubstituted Tetrahydro-2-furanone Template1. Journal of Medicinal Chemistry, 1996, 39, 19-28.	6.4	44
24	Different vanilloid agonists cause different patterns of calcium response in CHO cells heterologously expressing rat TRPV1. Life Sciences, 2005, 76, 2921-2932.	4.3	44
25	Methionyl adenylate analogues as inhibitors of methionyl-tRNA synthetase. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 1365-1370.	2.2	42
26	Deguelin Analogue SH-1242 Inhibits Hsp90 Activity and Exerts Potent Anticancer Efficacy with Limited Neurotoxicity. Cancer Research, 2016, 76, 686-699.	0.9	41
27	Protein Kinase C. Modeling of the Binding Site and Prediction of Binding Constants. Journal of Medicinal Chemistry, 1994, 37, 1326-1338.	6.4	40
28	The Transition from a Pharmacophore-Guided Approach to a Receptor-Guided Approach in the Design of Potent Protein Kinase C Ligands. , 1999, 82, 251-261.		40
29	Novel Potent Antagonists of Transient Receptor Potential Channel, Vanilloid Subfamily Member 1:Â Structureâ^'Activity Relationship of 1,3-Diarylalkyl Thioureas Possessing New Vanilloid Equivalents. Journal of Medicinal Chemistry, 2005, 48, 5823-5836.	6.4	40
30	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, 5198-5220.	6.4	40
31	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, 400-410.	2.5	40
32	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-L119.	2.9	39
33	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, 1087-1092.	2.2	38
34	High-Affinity Partial Agonists of the Vanilloid Receptor. Molecular Pharmacology, 2003, 64, 325-333.	2.3	38
35	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, 245-255.	2.3	38
36	Conformationally Constrained Analogues of Diacylglycerol. 11.1Ultrapotent Protein Kinase C Ligands Based on a Chiral 5-Disubstituted Tetrahydro-2-furanone Template. Journal of Medicinal Chemistry, 1996, 39, 29-35.	6.4	37

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37	Novel non-vanilloid VR1 antagonist of high analgesic effects and its structural requirement for VR1 antagonistic effects. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 4389-4393.	2.2	36
38	2-(3-Fluoro-4-methylsulfonylaminophenyl)propanamides as Potent Transient Receptor Potential Vanilloid 1 (TRPV1) Antagonists: Structureâ€“Activity Relationships of 2-Amino Derivatives in the N-(6-Trifluoromethylpyridin-3-ylmethyl) C-Region. Journal of Medicinal Chemistry, 2012, 55, 8392-8408.	6.4	36
39	Hypoxia-mediated retinal neovascularization and vascular leakage in diabetic retina is suppressed by HIF-1Î± destabilization by SH-1242 and SH-1280, novel hsp90 inhibitors. Journal of Molecular Medicine, 2014, 92, 1083-1092.	3.9	36
40	Conformationally Constrained Analogues of Diacylglycerol. 12.1Ultrapotent Protein Kinase C Ligands Based on a Chiral 4,4-Disubstituted Heptono-1,4-lactone Template. Journal of Medicinal Chemistry, 1996, 39, 36-45.	6.4	35
41	Kinetics of Penetration Influence the Apparent Potency of Vanilloids on TRPV1. Molecular Pharmacology, 2006, 69, 1166-1173.	2.3	34
42	C-terminal HSP90 inhibitor L80 elicits anti-metastatic effects in triple-negative breast cancer via STAT3 inhibition. Cancer Letters, 2019, 447, 141-153.	7.2	34
43	N -[4-(Methylsulfonylamino)benzyl]thiourea analogues as vanilloid receptor antagonists: analysis of structureâ€“activity relationships for the â€˜C-Regionâ€™. Bioorganic and Medicinal Chemistry, 2004, 12, 371-385.	3.0	33
44	Structureâ€“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, 3821-3830.	3.0	33
45	Discovery of Potent Human Glutaminyl Cyclase Inhibitors as Anti-Alzheimerâ€™s Agents Based on Rational Design. Journal of Medicinal Chemistry, 2017, 60, 2573-2590.	6.4	33
46	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.	2.0	32
47	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, 2413-2416.	4.6	31
48	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, 961-964.	2.2	30
49	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.	6.4	30
50	Aminopropyl carbazole analogues as potent enhancers of neurogenesis. Bioorganic and Medicinal Chemistry, 2013, 21, 7165-7174.	3.0	30
51	Discovery of an Orally Bioavailable Benzofuran Analogue That Serves as a Î²-Amyloid Aggregation Inhibitor for the Potential Treatment of Alzheimerâ€™s Disease. Journal of Medicinal Chemistry, 2018, 61, 396-402.	6.4	30
52	Novel Hypoxia-Inducible Factor 1Î± (HIF-1Î±) Inhibitors for Angiogenesis-Related Ocular Diseases: Discovery of a Novel Scaffold via Ring-Truncation Strategy. Journal of Medicinal Chemistry, 2018, 61, 9266-9286.	6.4	30
53	N-4-Substituted-benzyl-Nâ€²-tert-butylbenzyl thioureas as vanilloid receptor ligands: investigation on the role of methanesulfonamido group in antagonistic activity. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 787-791.	2.2	29
54	A novel HSP90 inhibitor targeting the C-terminal domain attenuates trastuzumab resistance in HER2-positive breast cancer. Molecular Cancer, 2020, 19, 161.	19.2	27

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55	Synthesis and evaluation of fluorine-substituted 1H-pyrrolo[2,3-b]pyridine derivatives for dopamine D4 receptor imaging. Bioorganic and Medicinal Chemistry, 2004, 12, 5505-5513.	3.0	26
56	Discovery of dual-acting opioid ligand and TRPV1 antagonists as novel therapeutic agents for pain. European Journal of Medicinal Chemistry, 2019, 182, 111634.	5.5	26
57	Î±-Substituted N-(4-tert-butylbenzyl)-Nâ€²-[4-(methylsulfonylamino)benzyl]thiourea analogues as potent and stereospecific TRPV1 antagonists. Bioorganic and Medicinal Chemistry, 2007, 15, 6043-6053.	3.0	25
58	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, 239-250.	5.5	25
59	Resiniferatoxinâ€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, 301-308.	3.9	24
60	Ring-truncated deguelin derivatives as potent Hypoxia Inducible Factor-1Î± (HIF-1Î±) inhibitors. European Journal of Medicinal Chemistry, 2015, 104, 157-164.	5.5	24
61	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.	3.0	24
62	Vanilloid and isovanilloid analogues as inhibitors of methionyl-tRNA and isoleucyl-tRNA synthetases. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 965-968.	2.2	23
63	Macrocyclic Diacylglycerol-bis-lactones as Conformationally Constrained Analogues of Diacylglycerol-lactones. Interactions with Protein Kinase C. Journal of Medicinal Chemistry, 2004, 47, 4000-4007.	6.4	23
64	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.	3.3	23
65	A novel C-terminal heat shock protein 90 inhibitor that overcomes STAT3-Wnt-Î²-catenin signaling-mediated drug resistance and adverse effects. Theranostics, 2022, 12, 105-125.	10.0	23
66	N-(3-Acyloxy-2-Benzylpropyl)-Nâ€²-Dihydroxytetrahydrobenzazepine and Tetrahydroisoquinoline Thiourea Analogues as Vanilloid Receptor Ligands. Bioorganic and Medicinal Chemistry, 2001, 9, 1713-1720.	3.0	22
67	Deoxyribosyl analogues of methionyl and isoleucyl sulfamate adenylates as inhibitors of methionyl-tRNA and isoleucyl-tRNA synthetases. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 3389-3393.	2.2	22
68	Design and synthesis of quinolinones as methionyl-tRNA synthetase inhibitors. Bioorganic and Medicinal Chemistry, 2006, 14, 7154-7159.	3.0	22
69	TRPV1 Activation is Not An All-Or-None Event: TRPV1 Partial Agonism/Antagonism and Its Regulatory Modulation. Current Topics in Medicinal Chemistry, 2011, 11, 2151-2158.	2.1	22
70	Characterization of AJH-836, a diacylglycerol-lactone with selectivity for novel PKC isozymes. Journal of Biological Chemistry, 2018, 293, 8330-8341.	3.4	22
71	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.	3.3	22
72	Synthesis of N,Nâ€²,Nâ€³-trisubstituted thiourea derivatives and their antagonist effect on the vanilloid receptor. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 601-604.	2.2	21

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73	Pharmacophore-based virtual screening: The discovery of novel methionyl-tRNA synthetase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 4898-4907.	2.2	21
74	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.	5.5	21
75	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, 6657-6664.	3.0	20
76	Discovery of Nonpungent Transient Receptor Potential Vanilloid 1 (TRPV1) Agonist as Strong Topical Analgesic. Journal of Medicinal Chemistry, 2020, 63, 418-424.	6.4	20
77	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, 2529-2539.	3.0	19
78	Potent human glutaminyl cyclase inhibitors as potential anti-Alzheimerâ€™s agents: Structure-activity relationship study of Arg-mimetic region. Bioorganic and Medicinal Chemistry, 2018, 26, 1035-1049.	3.0	19
79	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, 2790-2793.	6.4	18
80	Analysis of structureâ€“activity relationships for the â€˜A-regionâ€™ of N-(4-t-butylbenzyl)-Nâ€²-[4-(methylsulfonylamino)benzyl]thiourea analogues as TRPV1 antagonists. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4136-4142.	2.2	18
81	3-Acyloxy-2-phenalkylpropyl amides and esters of homovanillic acid as novel vanilloid receptor agonists. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 2909-2914.	2.2	17
82	Structural anatomy of Protein Kinase C C1 domain interactions with diacylglycerol and other agonists. Nature Communications, 2022, 13, 2695.	12.8	17
83	Conformationally constrained analogues of diacylglycerol (DAG). 14.1 Dissection of the roles of the sn-1 and sn-2 carbonyls in DAG mimetics by isopharma cophore replacement. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 1757-1762.	2.2	16
84	A simple and efficient in vitro method for metabolism studies of radiotracers. Nuclear Medicine and Biology, 2001, 28, 391-395.	0.6	16
85	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, 4309-4312.	6.4	16
86	Synthesis of 2-substituted-pyrrolidinethiourea derivatives and their antagonist effect on vanilloid receptor. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 197-200.	2.2	16
87	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, 149-157.	3.0	16
88	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, 4044-4047.	2.2	16
89	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.	2.2	16
90	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, 90-99.	3.5	16

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91	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.	3.0	16
92	Pyrazole C-region analogues of 2-(3-fluoro-4-methylsulfonylaminophenyl)propanamides as potent TRPV1 antagonists. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4383-4388.	2.2	16
93	Structure-activity relationship investigation of Phe-Arg mimetic region of human glutaminyl cyclase inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 3133-3144.	3.0	16
94	Discovery of Conformationally Restricted Human Glutaminyl Cyclase Inhibitors as Potent Anti-Alzheimerâ€™s Agents by Structure-Based Design. Journal of Medicinal Chemistry, 2019, 62, 8011-8027.	6.4	16
95	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.	7.1	16
96	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.	3.0	16
97	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.	2.2	16
98	Methionine analogues as inhibitors of methionyl-tRNA synthetase. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 3511-3514.	2.2	15
99	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, 741-744.	0.6	15
100	2-Benzyl and 2-phenyl-3-hydroxypropyl pivalates as protein kinase C ligands. Bioorganic and Medicinal Chemistry, 2006, 14, 2022-2031.	3.0	15
101	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, 4039-4043.	2.2	15
102	Discovery of an Orally Bioavailable Gonadotropin-Releasing Hormone Receptor Antagonist. Journal of Medicinal Chemistry, 2016, 59, 9150-9172.	6.4	15
103	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.	6.4	15
104	Conformationally Constrained Analogues of Diacylglycerol. 13.1Protein 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, 4912-4919.	6.4	14
105	A comparative study of quantitative structure activity relationship methods based on antitumor diarylsulfonylureas. European Journal of Medicinal Chemistry, 2001, 36, 829-836.	5.5	14
106	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, 1171-1179.	3.0	14
107	Analysis of structureâ€“activity relationships with the N-(3-acyloxy-2-benzylpropyl)-Nâ€²-[4-(methylsulfonylamino)benzyl]thiourea template for vanilloid receptor 1 antagonism. Bioorganic and Medicinal Chemistry, 2004, 12, 3411-3420.	3.0	14
108	Analysis of structureâ€“activity relationships for the â€˜B-regionâ€™ of N-(4-t-butylbenzyl)-Nâ€²-[4-(methylsulfonylamino)benzyl]-thiourea analogues as TRPV1 antagonists. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4143-4150.	2.2	14

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109	In vitroandin silicodetermination of glutaminyl cyclase inhibitors. RSC Advances, 2019, 9, 29619-29627.	3.6	14
110	Synthesis of two rigid diacylglycerol analogues having a bis-butyrolactone skeleton. Tetrahedron Letters, 1992, 33, 1539-1542.	1.4	13
111	Analysis of structureâ€“activity relationships for the â€˜B-regionâ€™ of N -(3-acyloxy-2-benzylpropyl)- N â€²-[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, 2291-2297.	2.2	13
112	Pyridine C-region analogs of 2-(3-fluoro-4-methylsulfonylaminophenyl)propanamides as potent TRPV1 antagonists. European Journal of Medicinal Chemistry, 2015, 93, 101-108.	5.5	13
113	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, 579-587.	3.0	13
114	The C-terminal HSP90 inhibitor NCT-58 kills trastuzumab-resistant breast cancer stem-like cells. Cell Death Discovery, 2021, 7, 354.	4.7	13
115	A Facile Synthesis of an (E)-4-Methyl-4-Hexenoic Acid Substituted Pyridine Analogue of Mycophenolic Acid. Synthetic Communications, 1992, 22, 369-376.	2.1	12
116	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.	1.9	12
117	N-4-t-Butylbenzyl 2-(4-methylsulfonylaminophenyl) propanamide TRPV1 antagonists: Structureâ€“activity relationships in the A-region. Bioorganic and Medicinal Chemistry, 2012, 20, 215-224.	3.0	12
118	Inhibition of Glutaminyl Cyclase Ameliorates Amyloid Pathology in an Animal Model of Alzheimer's Disease via the Modulation of Î³-Secretase Activity. Journal of Alzheimer's Disease, 2014, 43, 797-807.	2.6	12
119	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.	2.2	11
120	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.	2.2	11
121	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.	2.2	11
122	Protein Kinase C Ligands Based on Tetrahydrofuran Templates Containing a New Set of Phorbol Ester Pharmacophores. Journal of Medicinal Chemistry, 1999, 42, 4129-4139.	6.4	11
123	3-D-QSAR study and molecular docking of methionyl-tRNA synthetase inhibitors. Bioorganic and Medicinal Chemistry, 2003, 11, 5325-5331.	3.0	11
124	Branched Diacylglycerol-Lactones as Potent Protein Kinase C Ligands and Î±-Secretase Activators. Journal of Medicinal Chemistry, 2006, 49, 2028-2036.	6.4	11
125	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, 382-385.	2.2	11
126	Î±-Substituted 2-(3-fluoro-4-methylsulfonamidophenyl)acetamides as potent TRPV1 antagonists. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2326-2330.	2.2	11

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127	6-Phenoxy-2-phenylbenzoxazoles, novel inhibitors of receptor for advanced glycation end products (RAGE). Bioorganic and Medicinal Chemistry, 2015, 23, 4919-4935.	3.0	11
128	Discovery of N-(3-fluoro-4-methylsulfonamidomethylphenyl)urea as a potent TRPV1 antagonistic template. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3603-3607.	2.2	11
129	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.	3.0	11
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