

Silvia Rivara

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124
papers

4,076
citations

37
h-index

58
g-index

131
ext. papers

4,506
ext. citations

5.8
avg. IF

4.87
L-index

#	Paper	IF	Citations
124	Cyclohexylcarbamic acid 3S or 4Ssubstituted biphenyl-3-yl esters as fatty acid amide hydrolase inhibitors: synthesis, quantitative structure-activity relationships, and molecular modeling studies. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 4998-5008	8.3	239
123	Selective inhibition of 2-AG hydrolysis enhances endocannabinoid signaling in hippocampus. <i>Nature Neuroscience</i> , 2005 , 8, 1139-41	25.5	193
122	Selective N-acylethanolamine-hydrolyzing acid amidase inhibition reveals a key role for endogenous palmitoylethanolamide in inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20966-71	11.5	179
121	Design, synthesis, and structure-activity relationships of alkylcarbamic acid aryl esters, a new class of fatty acid amide hydrolase inhibitors. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 2352-60	8.3	151
120	MT1 and MT2 melatonin receptors: ligands, models, oligomers, and therapeutic potential. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 3161-85	8.3	112
119	Heparanase: a rainbow pharmacological target associated to multiple pathologies including rare diseases. <i>Future Medicinal Chemistry</i> , 2016 , 8, 647-80	4.1	109
118	2-[N-Acylamino(C1-C3)alkyl]indoles as MT1 melatonin receptor partial agonists, antagonists, and putative inverse agonists. <i>Journal of Medicinal Chemistry</i> , 1998 , 41, 3624-34	8.3	96
117	Synthesis and characterization of a peripherally restricted CB1 cannabinoid antagonist, URB447, that reduces feeding and body-weight gain in mice. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 639-43	2.9	94
116	Promotion of non-rapid eye movement sleep and activation of reticular thalamic neurons by a novel MT2 melatonin receptor ligand. <i>Journal of Neuroscience</i> , 2011 , 31, 18439-52	6.6	87
115	URB602 inhibits monoacylglycerol lipase and selectively blocks 2-arachidonoylglycerol degradation in intact brain slices. <i>Chemistry and Biology</i> , 2007 , 14, 1357-65		86
114	Pharmacological characterization of hydrolysis-resistant analogs of oleoylethanolamide with potent anorexiant properties. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 318, 563-70	4.7	76
113	Analysis of structure-activity relationships for MT2 selective antagonists by melatonin MT1 and MT2 receptor models. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 4049-60	8.3	72
112	N-(substituted-anilinoethyl)amides: design, synthesis, and pharmacological characterization of a new class of melatonin receptor ligands. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 6618-26	8.3	70
111	Melatonin receptor ligands: synthesis of new melatonin derivatives and comprehensive comparative molecular field analysis (CoMFA) study. <i>Journal of Medicinal Chemistry</i> , 1998 , 41, 3831-44	8.3	67
110	Conformationally restrained melatonin analogues: synthesis, binding affinity for the melatonin receptor, evaluation of the biological activity, and molecular modeling study. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 1990-2002	8.3	65
109	Synthesis and quantitative structure-activity relationship of fatty acid amide hydrolase inhibitors: modulation at the N-portion of biphenyl-3-yl alkylcarbamates. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 3487-98	8.3	59
108	Identification of productive inhibitor binding orientation in fatty acid amide hydrolase (FAAH) by QM/MM mechanistic modelling. <i>Chemical Communications</i> , 2008 , 214-6	5.8	58

107	Melatonin receptor agonists: SAR and applications to the treatment of sleep-wake disorders. <i>Current Topics in Medicinal Chemistry</i> , 2008 , 8, 954-68	3	54
106	Structural Fluctuations in Enzyme-Catalyzed Reactions: Determinants of Reactivity in Fatty Acid Amide Hydrolase from Multivariate Statistical Analysis of Quantum Mechanics/Molecular Mechanics Paths. <i>Journal of Chemical Theory and Computation</i> , 2010 , 6, 2948-60	6.4	53
105	Synthesis and structure-activity relationships of FAAH inhibitors: cyclohexylcarbamic acid biphenyl esters with chemical modulation at the proximal phenyl ring. <i>ChemMedChem</i> , 2006 , 1, 130-9	3.7	53
104	Three-dimensional quantitative structure-activity relationship studies on selected MT1 and MT2 melatonin receptor ligands: requirements for subtype selectivity and intrinsic activity modulation. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 1429-39	8.3	53
103	2-N-acylaminoalkylindoles: design and quantitative structure-activity relationship studies leading to MT2-selective melatonin antagonists. <i>Journal of Medicinal Chemistry</i> , 2001 , 44, 2900-12	8.3	53
102	Kinetic analysis and molecular modeling of the inhibition mechanism of roneparstat (SST0001) on human heparanase. <i>Glycobiology</i> , 2016 , 26, 640-54	5.8	51
101	Melatonin receptor agonists: new options for insomnia and depression treatment. <i>CNS Neuroscience and Therapeutics</i> , 2011 , 17, 733-41	6.8	50
100	Synthesis and structure-activity relationships of N-(2-oxo-3-oxetanyl)amides as N-acylethanolamine-hydrolyzing acid amidase inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 5770-81	8.3	49
99	Irreversible inhibition of epidermal growth factor receptor activity by 3-aminopropanamides. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 2251-64	8.3	48
98	Recent advances in the development of melatonin MT(1) and MT(2) receptor agonists. <i>Expert Opinion on Therapeutic Patents</i> , 2010 , 20, 1059-77	6.8	47
97	Fatty Acid Amide Hydrolase (FAAH), Acetylcholinesterase (AChE), and Butyrylcholinesterase (BuChE): Networked Targets for the Development of Carbamates as Potential Anti-Alzheimer's Disease Agents. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 6387-406	8.3	46
96	Anxiolytic effects of the melatonin MT(2) receptor partial agonist UCM765: comparison with melatonin and diazepam. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012 , 39, 318-25	5.5	46
95	N-(2-oxo-3-oxetanyl)carbamic acid esters as N-acylethanolamine acid amidase inhibitors: synthesis and structure-activity and structure-property relationships. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 4824-36	8.3	44
94	Novel irreversible epidermal growth factor receptor inhibitors by chemical modulation of the cysteine-trap portion. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 2038-50	8.3	44
93	Synthesis, pharmacological characterization and QSAR studies on 2-substituted indole melatonin receptor ligands. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 1045-57	3.4	44
92	Fatty acid amide hydrolase inhibitors: a patent review (2009-2014). <i>Expert Opinion on Therapeutic Patents</i> , 2015 , 25, 1247-66	6.8	42
91	Amino acid conjugates of lithocholic acid as antagonists of the EphA2 receptor. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 2936-47	8.3	40
90	Validation of a histamine H3 receptor model through structure-activity relationships for classical H3 antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2005 , 13, 5647-57	3.4	39

89	Synthesis, biological activity, QSAR and QSPR study of 2-aminobenzimidazole derivatives as potent H3-antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 663-74	3.4	38
88	Metadynamics Simulations Distinguish Short- and Long-Residence-Time Inhibitors of Cyclin-Dependent Kinase 8. <i>Journal of Chemical Information and Modeling</i> , 2017 , 57, 159-169	6.1	37
87	Epidermal growth factor receptor irreversible inhibitors: chemical exploration of the cysteine-trap portion. <i>Mini-Reviews in Medicinal Chemistry</i> , 2011 , 11, 1019-30	3.2	36
86	Synthesis of (E)-8-(3-chlorostyryl)caffeine analogues leading to 9-deazaxanthine derivatives as dual A(2A) antagonists/MAO-B inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 1247-61	8.3	35
85	Therapeutic uses of melatonin and melatonin derivatives: a patent review (2012 - 2014). <i>Expert Opinion on Therapeutic Patents</i> , 2015 , 25, 425-41	6.8	33
84	Quantum mechanics/molecular mechanics modeling of covalent addition between EGFR-cysteine 797 and N-(4-anilinoquinazolin-6-yl) acrylamide. <i>Journal of Chemical Information and Modeling</i> , 2015 , 55, 589-99	6.1	33
83	Structure-property relationships of a class of carbamate-based fatty acid amide hydrolase (FAAH) inhibitors: chemical and biological stability. <i>ChemMedChem</i> , 2009 , 4, 1495-504	3.7	32
82	Antiproliferative and pro-apoptotic activity of melatonin analogues on melanoma and breast cancer cells. <i>Oncotarget</i> , 2017 , 8, 68338-68353	3.3	32
81	Social stress contagion in rats: Behavioural, autonomic and neuroendocrine correlates. <i>Psychoneuroendocrinology</i> , 2017 , 82, 155-163	5	31
80	Highly Potent and Selective MT2 Melatonin Receptor Full Agonists from Conformational Analysis of 1-Benzyl-2-acylaminomethyl-tetrahydroquinolines. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 7512-25	8.3	31
79	ST7612AA1, a thioacetate-(β -lactam carboxamide) derivative selected from a novel generation of oral HDAC inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 8358-77	8.3	31
78	UniPR129 is a competitive small molecule Eph-ephrin antagonist blocking in vitro angiogenesis at low micromolar concentrations. <i>British Journal of Pharmacology</i> , 2014 , 171, 5195-208	8.6	31
77	Tricyclic alkylamides as melatonin receptor ligands with antagonist or inverse agonist activity. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 4202-12	8.3	30
76	Experimental and theoretical analysis of the interaction of (+/-)-cis-ketoconazole with beta-cyclodextrin in the presence of (+)-L-tartaric acid. <i>Journal of Pharmaceutical Sciences</i> , 1999 , 88, 599-607	3.8	30
75	Synthesis and structure-activity relationships for biphenyl H3 receptor antagonists with moderate anti-cholinesterase activity. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 9911-24	3.4	29
74	Structure-based virtual screening of MT2 melatonin receptor: influence of template choice and structural refinement. <i>Journal of Chemical Information and Modeling</i> , 2013 , 53, 821-35	6.1	28
73	Quantum mechanics/molecular mechanics modeling of fatty acid amide hydrolase reactivation distinguishes substrate from irreversible covalent inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 2500-12	8.3	28
72	Novel N-Acetyl Bioisosteres of Melatonin: Melatonergic Receptor Pharmacology, Physicochemical Studies, and Phenotypic Assessment of Their Neurogenic Potential. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 4998-5014	8.3	27

71	Homology models of melatonin receptors: challenges and recent advances. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 8093-121	6.3	27
70	(5)-Cholenoyl-amino acids as selective and orally available antagonists of the Eph-ephrin system. <i>European Journal of Medicinal Chemistry</i> , 2015 , 103, 312-24	6.8	26
69	Reassessing the melatonin pharmacophore--enantiomeric resolution, pharmacological activity, structure analysis, and molecular modeling of a constrained chiral melatonin analogue. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 3383-91	3.4	26
68	N-(Anilinoethyl)amides: design and synthesis of metabolically stable, selective melatonin receptor ligands. <i>ChemMedChem</i> , 2009 , 4, 1746-55	3.7	25
67	Synthesis and biological evaluation of new non-imidazole H3-receptor antagonists of the 2-aminobenzimidazole series. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 1413-24	3.4	25
66	Synthesis and structure-activity relationships of a series of pyrrole cannabinoid receptor agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2003 , 11, 3965-73	3.4	25
65	Design and synthesis of N-(3,3-diphenylpropenyl)alkanamides as a novel class of high-affinity MT2-selective melatonin receptor ligands. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 7393-403	8.3	24
64	Dibasic non-imidazole histamine H3 receptor antagonists with a rigid biphenyl scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 4063-7	2.9	24
63	Antidepressant-like activity and cardioprotective effects of fatty acid amide hydrolase inhibitor URB694 in socially stressed Wistar Kyoto rats. <i>European Neuropsychopharmacology</i> , 2015 , 25, 2157-69	1.2	23
62	Novel Benzazole Derivatives Endowed with Potent Antiheparanase Activity. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 6918-6936	8.3	22
61	Toward the definition of stereochemical requirements for MT2-selective antagonists and partial agonists by studying 4-phenyl-2-propionamidotetralin derivatives. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 8362-72	8.3	22
60	Metadynamics for Perspective Drug Design: Computationally Driven Synthesis of New Protein-Protein Interaction Inhibitors Targeting the EphA2 Receptor. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 787-796	8.3	21
59	MT1-selective melatonin receptor ligands: synthesis, pharmacological evaluation, and molecular dynamics investigation of N-[(3-O-substituted)anilino]alkyl]amides. <i>ChemMedChem</i> , 2012 , 7, 1954-64	3.7	21
58	Understanding the role of carbamate reactivity in fatty acid amide hydrolase inhibition by QM/MM mechanistic modelling. <i>Chemical Communications</i> , 2011 , 47, 2517-9	5.8	21
57	Synthesis, Structural Elucidation, and Biological Evaluation of NSC12, an Orally Available Fibroblast Growth Factor (FGF) Ligand Trap for the Treatment of FGF-Dependent Lung Tumors. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 4651-63	8.3	21
56	Synthesis and characterization of the first inhibitor of N-acylphosphatidylethanolamine phospholipase D (NAPE-PLD). <i>Chemical Communications</i> , 2017 , 53, 12814-12817	5.8	20
55	Amino Acid Derivatives as Palmitoylethanolamide Prodrugs: Synthesis, In Vitro Metabolism and In Vivo Plasma Profile in Rats. <i>PLoS ONE</i> , 2015 , 10, e0128699	3.7	20
54	H3-receptor antagonists: synthesis and structure-activity relationships of para- and meta-substituted 4(5)-phenyl-2-[[2-[4(5)-imidazolyl]ethyl]thio]imidazoles. <i>Journal of Medicinal Chemistry</i> , 1997 , 40, 2571-8	8.3	19

53	Synthesis, pharmacological evaluation, and structure-activity relationships of benzopyran derivatives with potent SERM activity. <i>Bioorganic and Medicinal Chemistry</i> , 2004 , 12, 3763-82	3.4	18
52	Cardioprotective effects of fatty acid amide hydrolase inhibitor URB694, in a rodent model of trait anxiety. <i>Scientific Reports</i> , 2015 , 5, 18218	4.9	17
51	Biphenyl-3-yl alkylcarbamates as fatty acid amide hydrolase (FAAH) inhibitors: steric effects of N-alkyl chain on rat plasma and liver stability. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 4466-73	6.8	16
50	Identification of a bioactive impurity in a commercial sample of 6-methyl-2-p-tolylaminobenzo[d][1,3]oxazin-4-one (URB754). <i>Annali Di Chimica</i> , 2007 , 97, 887-94		16
49	Synthesis, structure and inhibitory activity of a stereoisomer of oseltamivir carboxylate. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 1561-9	3.9	15
48	Novel Symmetrical Benzazolyl Derivatives Endowed with Potent Anti-Heparanase Activity. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 10834-10859	8.3	15
47	Bivalent ligand approach on N-{2-[(3-methoxyphenyl)methylamino]ethyl}acetamide: synthesis, binding affinity and intrinsic activity for MT(1) and MT(2) melatonin receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2011 , 19, 4910-6	3.4	13
46	Imidazole H3-antagonists: relationship between structure and ex vivo binding to rat brain H3-receptors. <i>European Journal of Pharmaceutical Sciences</i> , 2004 , 23, 89-98	5.1	13
45	Pharmacological inhibition of FAAH activity in rodents: A promising pharmacological approach for psychological-cardiac comorbidity?. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 74, 444-452	9	12
44	Synthesis and structure-activity relationships of amino acid conjugates of cholanic acid as antagonists of the EphA2 receptor. <i>Molecules</i> , 2013 , 18, 13043-60	4.8	12
43	MT2 selective melatonin receptor antagonists: design and structure-activity relationships. <i>Arkivoc</i> , 2006 , 2006, 8-16	0.9	12
42	Exploiting Free-Energy Minima to Design Novel EphA2 Protein-Protein Antagonists: From Simulation to Experiment and Return. <i>Chemistry - A European Journal</i> , 2016 , 22, 8048-52	4.8	12
41	New coumarin-based fluorescent melatonin ligands. Design, synthesis and pharmacological characterization. <i>European Journal of Medicinal Chemistry</i> , 2015 , 103, 370-3	6.8	11
40	Tetrahydroquinoline Ring as a Versatile Bioisostere of Tetralin for Melatonin Receptor Ligands. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 3726-3737	8.3	11
39	Combining ligand- and structure-based approaches for the discovery of new inhibitors of the EPHA2-ephrin-A1 interaction. <i>Journal of Chemical Information and Modeling</i> , 2014 , 54, 2621-6	6.1	11
38	Synthesis, enantiomeric resolution, and structure-activity relationship study of a series of 10,11-dihydro-5H-dibenzo[a,d]cycloheptene MT2 receptor antagonists. <i>ChemMedChem</i> , 2007 , 2, 1741-9	3.7	11
37	Atropisomerism and Conformational Equilibria: Impact on PI3K Inhibition of 2-((6-Amino-9H-purin-9-yl)methyl)-5-methyl-3-(o-tolyl)quinazolin-4(3H)-one (IC87114) and Its Conformationally Restricted Analogs. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 4304-4315	8.3	10
36	Identification of Bivalent Ligands with Melatonin Receptor Agonist and Fatty Acid Amide Hydrolase (FAAH) Inhibitory Activity That Exhibit Ocular Hypotensive Effect in the Rabbit. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 7902-7916	8.3	10

35	Dibasic biphenyl H3 receptor antagonists: Steric tolerance for a lipophilic side chain. <i>European Journal of Medicinal Chemistry</i> , 2012 , 48, 214-30	6.8	10
34	Pharmacokinetic and pharmacodynamic evaluation of ramelteon : an insomnia therapy. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015 , 11, 1145-56	5.5	10
33	Application of computational methods to the design of fatty acid amide hydrolase (FAAH) inhibitors based on a carbamic template structure. <i>Advances in Protein Chemistry and Structural Biology</i> , 2011 , 85, 1-26	5.3	10
32	Correlation between energetics of collisionally activated decompositions, interaction energy and biological potency of carbamate FAAH inhibitors. <i>Journal of Mass Spectrometry</i> , 2007 , 42, 1624-7	2.2	8
31	The role of HB-donor groups in the heterocyclic polar fragment of H3-antagonists. I. Synthesis and biological assays. <i>Il Farmaco</i> , 2003 , 58, 891-9		8
30	Application of 3D-QSAR in the rational design of receptor ligands and enzyme inhibitors. <i>Chemistry and Biodiversity</i> , 2005 , 2, 1438-51	2.5	8
29	Synthesis and biological assays of new H3-antagonists with imidazole and imidazoline polar groups. <i>Il Farmaco</i> , 2000 , 55, 27-34		8
28	N-Acylethanolamine Acid Amidase (NAAA): Mechanism of Palmitoylethanolamide Hydrolysis Revealed by Mechanistic Simulations. <i>ACS Catalysis</i> , 2020 , 10, 11797-11813	13.1	8
27	Balancing reactivity and antitumor activity: heteroarylthioacetamide derivatives as potent and time-dependent inhibitors of EGFR. <i>European Journal of Medicinal Chemistry</i> , 2019 , 162, 507-524	6.8	8
26	Antidepressant-like effects of pharmacological inhibition of FAAH activity in socially isolated female rats. <i>European Neuropsychopharmacology</i> , 2020 , 32, 77-87	1.2	7
25	New Antimicrobials Targeting Bacterial RNA Polymerase Holoenzyme Assembly Identified with an BRET-Based Discovery Platform. <i>ACS Chemical Biology</i> , 2019 , 14, 1727-1736	4.9	7
24	Towards the development of 5-HT ₁ ligands combining serotonin-like and arylpiperazine moieties. <i>European Journal of Medicinal Chemistry</i> , 2014 , 80, 8-35	6.8	7
23	Design and SAR Analysis of Covalent Inhibitors Driven by Hybrid QM/MM Simulations. <i>Methods in Molecular Biology</i> , 2020 , 2114, 307-337	1.4	7
22	Free-energy studies reveal a possible mechanism for oxidation-dependent inhibition of MGL. <i>Scientific Reports</i> , 2016 , 6, 31046	4.9	6
21	Synthesis and characterization of new bivalent agents as melatonin- and histamine H3-ligands. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 16114-33	6.3	6
20	Synthesis and Three-Dimensional Quantitative Structure-Activity Relationship Analysis of H3 Receptor Antagonists Containing a Neutral Heterocyclic Polar Group. <i>Drug Design and Discovery</i> , 2003 , 18, 65-79		6
19	The Control of Heparanase Through the Use of Small Molecules. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1221, 567-603	3.6	5
18	Pharmacokinetics, pharmacodynamics and safety studies on URB937, a peripherally restricted fatty acid amide hydrolase inhibitor, in rats. <i>Journal of Pharmacy and Pharmacology</i> , 2019 , 71, 1762-1773	4.8	4

17	Comparative Analysis of Virtual Screening Approaches in the Search for Novel EphA2 Receptor Antagonists. <i>Molecules</i> , 2015 , 20, 17132-51	4.8	4
16	The collisional behavior of ESI-generated protonated molecules of some carbamate FAAH inhibitors isosteres and its relationships with biological activity. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 561-5	2.2	4
15	New classes of potent heparanase inhibitors from ligand-based virtual screening. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 1685-1696	5.6	4
14	A sulfonyl fluoride derivative inhibits EGFR by covalent modification of the catalytic lysine. <i>European Journal of Medicinal Chemistry</i> , 2021 , 225, 113786	6.8	4
13	Insights in the mechanism of action and inhibition of N-acylethanolamine acid amidase by means of computational methods. <i>Advances in Protein Chemistry and Structural Biology</i> , 2014 , 96, 219-34	5.3	3
12	Benzisothiazolinone Derivatives as Potent Allosteric Monoacylglycerol Lipase Inhibitors That Functionally Mimic Sulfenylation of Regulatory Cysteines. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 1261-1280	8.3	3
11	Chiral Recognition of Flexible Melatonin Receptor Ligands Induced by Conformational Equilibria. <i>Molecules</i> , 2020 , 25,	4.8	3
10	N-(Anilinoethyl)amide Melatonergic Ligands with Improved Water Solubility and Metabolic Stability. <i>ChemMedChem</i> , 2021 , 16, 3071-3082	3.7	3
9	Free-Energy Simulations Support a Lipophilic Binding Route for Melatonin Receptors.. <i>Journal of Chemical Information and Modeling</i> , 2021 ,	6.1	3
8	Long-lasting inhibition of EGFR autophosphorylation in A549 tumor cells by intracellular accumulation of non-covalent inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 5290-4	2.9	2
7	New Coumarin Derivatives as Cholinergic and Cannabinoid System Modulators. <i>Molecules</i> , 2021 , 26,	4.8	2
6	Structure-property relationships on histamine H3-antagonists: binding of phenyl-substituted alkylthioimidazole derivatives to rat plasma proteins. <i>Il Farmaco</i> , 2000 , 55, 239-45		1
5	Chemical modification of NSC12 leads to a specific FGF-trap with antitumor activity in multiple myeloma. <i>European Journal of Medicinal Chemistry</i> , 2021 , 221, 113529	6.8	1
4	Strategies leading to MT2 selective melatonin receptor antagonists. <i>Advances in Experimental Medicine and Biology</i> , 2003 , 527, 577-85	3.6	1
3	Synthesis and three-dimensional quantitative structure-activity relationship analysis of H3 receptor antagonists containing a neutral heterocyclic polar group. <i>Drug Design and Discovery</i> , 2003 , 18, 65-79		1
2	In silico drug discovery of melatonin receptor ligands with therapeutic potential.. <i>Expert Opinion on Drug Discovery</i> , 2022 , 1-12	6.2	1
1	Synthesis and Three-Dimensional Quantitative Structure-Activity Relationship Analysis of H3 Receptor Antagonists Containing a Neutral Heterocyclic Polar Group. <i>Drug Design and Discovery</i> , 2003 , 18, 65-79		