Katarzyna Kiec-Kononowicz

List of Publications by Year
in descending order

228 papers	4,267 citations	126708 33 h-index	223531 46 g-index
236 all docs	236 docs citations	236 times ranked	4386 citing authors

#	Article	IF	Citations
1	Strategies for bypassing the membrane barrier in multidrug resistant Gramâ€negative bacteria. FEBS Letters, 2011, 585, 1682-1690.	1.3	192
2	Recent Advances in Multi-Drug Resistance (MDR) Efflux Pump Inhibitors of Gram-Positive Bacteria S. aureus. Antibiotics, 2013, 2, 28-45.	1.5	126
3	Anticancer thiopyrano[2,3-d][1,3]thiazol-2-ones with norbornane moiety. Synthesis, cytotoxicity, physico-chemical properties, and computational studies. Bioorganic and Medicinal Chemistry, 2006, 14, 5230-5240.	1.4	90
4	Synthesis of 5-arylidene-2-amino-4-azolones and evaluation of their anticancer activity. Bioorganic and Medicinal Chemistry, 2010, 18, 5090-5102.	1.4	85
5	The histamine H3R antagonist DL77 attenuates autistic behaviors in a prenatal valproic acid-induced mouse model of autism. Scientific Reports, 2018, 8, 13077.	1.6	58
6	Identification of selenocompounds with promising properties to reverse cancer multidrug resistance. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2821-2824.	1.0	53
7	Recent advances in histamine H₃receptor antagonists/inverse agonists. Expert Opinion on Therapeutic Patents, 2010, 20, 1147-1169.	2.4	51
8	Natural selenium particles from Staphylococcus carnosus: Hazards or particles with particular promise?. Journal of Hazardous Materials, 2017, 324, 22-30.	6.5	49
9	Molecular and functional interaction between GPR18 and cannabinoid CB2 G-protein-coupled receptors. Relevance in neurodegenerative diseases. Biochemical Pharmacology, 2018, 157, 169-179.	2.0	47
10	Aryl-1,3,5-triazine derivatives as histamine H4 receptor ligands. European Journal of Medicinal Chemistry, 2014, 83, 534-546.	2.6	46
11	2-Phenylquinoline S. aureus NorA Efflux Pump Inhibitors: Evaluation of the Importance of Methoxy Group Introduction. Journal of Medicinal Chemistry, 2018, 61, 7827-7848.	2.9	46
12	Synthesis and evaluation of in vivo activity of diphenylhydantoin basic derivatives. European Journal of Medicinal Chemistry, 2004, 39, 1013-1027.	2.6	45
13	Design, Synthesis, and Anticonvulsant Activity of New Hybrid Compounds Derived from 2-(2,5-Dioxopyrrolidin-1-yl)propanamides and 2-(2,5-Dioxopyrrolidin-1-yl)butanamides. Journal of Medicinal Chemistry, 2015, 58, 5274-5286.	2.9	45
14	Fluorescent GPCR Ligands as New Tools in Pharmacology. Current Medicinal Chemistry, 2008, 15, 2132-2143.	1.2	44
15	Novel Multitarget-Directed Ligands Aiming at Symptoms and Causes of Alzheimerâ€™s Disease. ACS Chemical Neuroscience, 2018, 9, 1195-1214.	1.7	44
16	The dual-active histamine H3 receptor antagonist and acetylcholine esterase inhibitor E100 ameliorates stereotyped repetitive behavior and neuroinflammmation in sodium valproate induced autism in mice. Chemico-Biological Interactions, 2019, 312, 108775.	1.7	44
17	The 1,3,5-Triazine Derivatives as Innovative Chemical Family of 5-HT6 Serotonin Receptor Agents with Therapeutic Perspectives for Cognitive Impairment. International Journal of Molecular Sciences, 2019, 20, 3420.	1.8	43
18	Synthesis, Î±1-adrenoceptor antagonist activity, and SAR study of novel arylpiperazine derivatives of phenytoin. Bioorganic and Medicinal Chemistry, 2008, 16, 5982-5998.	1.4	42

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19	Design, synthesis and biological evaluation of new hybrid anticonvulsants derived from N-benzyl-2-(2,5-dioxopyrrolidin-1-yl)propanamide and 2-(2,5-dioxopyrrolidin-1-yl)butanamide derivatives. Bioorganic and Medicinal Chemistry, 2015, 23, 2548-2561.	1.4	41
20	In the search for a lead structure among series of potent and selective hydantoin 5â€<scp>HT</scp>₇R agents: The drugâ€likeness in vitro study. Chemical Biology and Drug Design, 2017, 90, 1295-1306.	1.5	41
21	Molecular modeling of A₁ and A_{2A} adenosine receptors: Comparison of rhodopsinâ€and Î²₂â€adrenergicâ€based homology models through the docking studies. Journal of Computational Chemistry, 2009, 30, 14-32.	1.5	40
22	New developments around histamine H₃receptor antagonists/inverse agonists: a patent review (2010 â€“ present). Expert Opinion on Therapeutic Patents, 2014, 24, 89-111.	2.4	40
23	Amineâ€“alkyl derivatives of hydantoin: New tool to combat resistant bacteria. European Journal of Medicinal Chemistry, 2011, 46, 5807-5816.	2.6	39
24	Imidazo-thiazine, -diazinone and -diazepinone derivatives. Synthesis, structure and benzodiazepine receptor binding. European Journal of Medicinal Chemistry, 2001, 36, 407-419.	2.6	38
25	Antimicrobial activity of 5-arylidene aromatic derivatives of hydantoin. Part 2. Il Farmaco, 2002, 57, 39-44.	0.9	37
26	Antimycobacterial activity of 5-arylidene aromatic derivatives of hydantoin. Il Farmaco, 2002, 57, 355-362.	0.9	36
27	Synthesis and biological activity of tricyclic aryloimidazo-, pyrimido-, and diazepinopurinediones. Bioorganic and Medicinal Chemistry, 2006, 14, 7258-7281.	1.4	36
28	SAR-studies on the importance of aromatic ring topologies in search for selective 5-HT7 receptor ligands among phenylpiperazine hydantoin derivatives. European Journal of Medicinal Chemistry, 2014, 78, 324-339.	2.6	36
29	Novel Piperazine Arylideneimidazolones Inhibit the AcrAB-TolC Pump in Escherichia coli and Simultaneously Act as Fluorescent Membrane Probes in a Combined Real-Time Influx and Efflux Assay. Antimicrobial Agents and Chemotherapy, 2016, 60, 1974-1983.	1.4	36
30	Antinociceptive effects of novel histamine H₃ and H₄ receptor antagonists and their influence on morphine analgesia of neuropathic pain in the mouse. British Journal of Pharmacology, 2018, 175, 2897-2910.	2.7	36
31	MF-8, a novel promising arylpiperazine-hydantoin based 5-HT 7 receptor antagonist: In vitro drug-likeness studies and in vivo pharmacological evaluation. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 878-883.	1.0	36
32	Ether derivatives of 3-piperidinopropan-1-ol as non-imidazole histamine H3 receptor antagonists. Bioorganic and Medicinal Chemistry, 2006, 14, 3522-3529.	1.4	35
33	Phenylethyl-substituted pyrimido[2,1-f]purinediones and related compounds: Structureâ€“activity relationships as adenosine A1 and A2A receptor ligands. Bioorganic and Medicinal Chemistry, 2007, 15, 6956-6974.	1.4	35
34	N9-Benzyl-substituted 1,3-dimethyl- and 1,3-dipropyl-pyrimido[2,1-f]purinediones: Synthesis and structureâ€“activity relationships at adenosine A1 and A2A receptors. Bioorganic and Medicinal Chemistry, 2007, 15, 5003-5017.	1.4	34
35	The 5-aromatic hydantoin-3-acetate derivatives as inhibitors of the tumour multidrug resistance efflux pump P-glycoprotein (ABCB1): Synthesis, crystallographic and biological studies. Bioorganic and Medicinal Chemistry, 2016, 24, 2815-2822.	1.4	33
36	The computer-aided discovery of novel family of the 5-HT6 serotonin receptor ligands among derivatives of 4-benzyl-1,3,5-triazine. European Journal of Medicinal Chemistry, 2017, 135, 117-124.	2.6	33

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37	Synthesis and biological activity of tricyclic cycloalkylimidazo-, pyrimido- and diazepinopurinediones. European Journal of Medicinal Chemistry, 2011, 46, 3590-3607.	2.6	32
38	Anticonvulsive effect of nonimidazole histamine H3 receptor antagonists. Behavioural Pharmacology, 2014, 25, 245-252.	0.8	31
39	Five-membered heterocycles. Part III. Aromaticity of 1,3-imidazole in 5+n hetero-bicyclic molecules. Journal of Molecular Structure, 2003, 655, 397-403.	1.8	30
40	New Dual Small Molecules for Alzheimerâ€™s Disease Therapy Combining Histamine H₃ Receptor (H3R) Antagonism and Calcium Channels Blockade with Additional Cholinesterase Inhibition. Journal of Medicinal Chemistry, 2019, 62, 11416-11422.	2.9	30
41	Antiarrhythmic properties of phenylpiperazine derivatives of phenytoin with Î±1-adrenoceptor affinities. Bioorganic and Medicinal Chemistry, 2012, 20, 2290-2303.	1.4	29
42	1,3-Dialkyl-substituted tetrahydropyrimido[1,2-f]purine-2,4-diones as multiple target drugs for the potential treatment of neurodegenerative diseases. Bioorganic and Medicinal Chemistry, 2013, 21, 7435-7452.	1.4	29
43	Search for new tools to combat Gram-negative resistant bacteria among amine derivatives of 5-arylidenehydantoin. Bioorganic and Medicinal Chemistry, 2013, 21, 135-145.	1.4	29
44	Chlorophenoxy aminoalkyl derivatives as histamine H3R ligands and antiseizure agents. Bioorganic and Medicinal Chemistry, 2016, 24, 53-72.	1.4	28
45	Multifunctional Hybrid Compounds Derived from 2-(2,5-Dioxopyrrolidin-1-yl)-3-methoxypropanamides with Anticonvulsant and Antinociceptive Properties. Journal of Medicinal Chemistry, 2017, 60, 8565-8579.	2.9	28
46	Characterization of non-olfactory GPCRs in human sperm with a focus on GPR18. Scientific Reports, 2016, 6, 32255.	1.6	27
47	The Histamine H3 Receptor Antagonist E159 Reverses Memory Deficits Induced by Dizocilpine in Passive Avoidance and Novel Object Recognition Paradigm in Rats. Frontiers in Pharmacology, 2017, 8, 709.	1.6	27
48	Progress in the development of histamine H₃ receptor antagonists/inverse agonists: a patent review (2013-2017). Expert Opinion on Therapeutic Patents, 2018, 28, 175-196.	2.4	27
49	Search for a 5-CT alternative. In vitro and in vivo evaluation of novel pharmacological tools: 3-(1-alkyl-1H-imidazol-5-yl)-1H-indole-5-carboxamides, low-basicity 5-HT₇ receptor agonists. MedChemComm, 2018, 9, 1882-1890.	3.5	27
50	Search for new multi-target compounds against Alzheimerâ€™s disease among histamine H3 receptor ligands. European Journal of Medicinal Chemistry, 2020, 185, 111785.	2.6	27
51	Development of ChiralN-Alkylcarbamates as New Leads for Potent and Selective H3-Receptor Antagonists:Â Synthesis, Capillary Electrophoresis, and in Vitro and Oral in Vivo Activityâ€. Journal of Medicinal Chemistry, 1999, 42, 593-600.	2.9	26
52	Impact of the aryl substituent kind and distance from pyrimido[2,1-f]purindiones on the adenosine receptor selectivity and antagonistic properties. European Journal of Medicinal Chemistry, 2003, 38, 397-402.	2.6	26
53	Aryl-1,3,5-triazine ligands of histamine H4 receptor attenuate inflammatory and nociceptive response to carrageen, zymosan and lipopolysaccharide. Inflammation Research, 2017, 66, 79-95.	1.6	26
54	Selenazolinium Salts as â€œSmall Molecule Catalystsâ€•with High Potency against ESKAPE Bacterial Pathogens. Molecules, 2017, 22, 2174.	1.7	26

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55	Selenocompounds as Novel Antibacterial Agents and Bacterial Efflux Pump Inhibitors. Molecules, 2019, 24, 1487.	1.7	26
56	Biological activity of hydantoin derivatives on P-glycoprotein (ABCB1) of mouse lymphoma cells. Anticancer Research, 2010, 30, 4867-71.	0.5	26
57	Dualâ€Acting Diether Derivatives of Piperidine and Homopiperidine with Histamine H₃ Receptor Antagonistic and Anticholinesterase Activity. Archiv Der Pharmazie, 2012, 345, 591-597.	2.1	25
58	Non-imidazole-based histamine H3 receptor antagonists with anticonvulsant activity in different seizure models in male adult rats. Drug Design, Development and Therapy, 2016, Volume 10, 3879-3898.	2.0	25
59	The Histamine H3 Receptor Antagonist DL77 Ameliorates MK801-Induced Memory Deficits in Rats. Frontiers in Neuroscience, 2018, 12, 42.	1.4	25
60	The Dual-Active Histamine H3 Receptor Antagonist and Acetylcholine Esterase Inhibitor E100 Alleviates Autistic-Like Behaviors and Oxidative Stress in Valproic Acid Induced Autism in Mice. International Journal of Molecular Sciences, 2020, 21, 3996.	1.8	25
61	(2-Arylethenyl)-1,3,5-triazin-2-amines as a novel histamine H4 receptor ligands. European Journal of Medicinal Chemistry, 2015, 103, 238-251.	2.6	24
62	H3 histamine receptor antagonist pitolisant reverses some subchronic disturbances induced by olanzapine in mice. Metabolic Brain Disease, 2016, 31, 1023-1029.	1.4	24
63	Fluorescent-Labeled Selective Adenosine A_{2B} Receptor Antagonist Enables Competition Binding Assay by Flow Cytometry. Journal of Medicinal Chemistry, 2018, 61, 4301-4316.	2.9	24
64	Synthesis and biological activity of novel tert-butyl and tert-pentylphenoxyalkyl piperazine derivatives as histamine H3R ligands. European Journal of Medicinal Chemistry, 2018, 152, 223-234.	2.6	24
65	Novel naphthyloxy derivatives â€“ Potent histamine H3 receptor ligands. Synthesis and pharmacological evaluation. Bioorganic and Medicinal Chemistry, 2018, 26, 2573-2585.	1.4	24
66	SYNTHESIS AND SPECTROSCOPIC PROPERTIES OF FUSED 5-ARYLIDENE-2-THIOHYDANTOIN DERIVATIVES. Phosphorus, Sulfur and Silicon and the Related Elements, 1992, 73, 235-248.	0.8	23
67	Synthesis, structure and antiarrhythmic properties evaluation of new basic derivatives of 5,5-diphenylhydantoin. European Journal of Medicinal Chemistry, 2003, 38, 555-566.	2.6	23
68	Tricyclic oxazolo[2,3-f]purinediones: potency as adenosine receptor ligands and anticonvulsants. Bioorganic and Medicinal Chemistry, 2004, 12, 4895-4908.	1.4	23
69	Pharmacophore models based studies on the affinity and selectivity toward 5-HT1A with reference to Î±1-adrenergic receptors among arylpiperazine derivatives of phenytoin. Bioorganic and Medicinal Chemistry, 2011, 19, 1349-1360.	1.4	23
70	Synthesis and SAR-study for novel arylpiperazine derivatives of 5-arylidenehydantoin with Î±1-adrenoceptor antagonistic properties. Bioorganic and Medicinal Chemistry, 2012, 20, 4245-4257.	1.4	23
71	Aspects of a Distinct Cytotoxicity of Selenium Salts and Organic Selenides in Living Cells with Possible Implications for Drug Design. Molecules, 2015, 20, 13894-13912.	1.7	23
72	Pronounced activity of aromatic selenocyanates against multidrug resistant ESKAPE bacteria. New Journal of Chemistry, 2019, 43, 6021-6031.	1.4	23

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73	Imidazolidine-4-one derivatives in the search for novel chemosensitizers of Staphylococcus aureus MRSA: Synthesis, biological evaluation and molecular modeling studies. European Journal of Medicinal Chemistry, 2015, 101, 313-325.	2.6	22
74	Structure-activity relationships of imidazothiazinones and analogs as antagonists of the cannabinoid-activated orphan G protein-coupled receptor GPR18. European Journal of Medicinal Chemistry, 2018, 155, 381-397.	2.6	22
75	Fluorinated indole-imidazole conjugates: Selective orally bioavailable 5-HT7 receptor low-basicity agonists, potential neuropathic painkillers. European Journal of Medicinal Chemistry, 2019, 170, 261-275.	2.6	22
76	Simultaneous Blockade of Histamine H3 Receptors and Inhibition of Acetylcholine Esterase Alleviate Autistic-Like Behaviors in BTBR T+ tf/J Mouse Model of Autism. Biomolecules, 2020, 10, 1251.	1.8	22
77	Anticonvulsant properties of histamine H3 receptor ligands belonging to N-substituted carbamates of imidazopropanol. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4886-4891.	1.0	21
78	Rational design in search for 5-phenylhydantoin selective 5-HT7R antagonists. Molecular modeling, synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2016, 112, 258-269.	2.6	21
79	Antagonism of Histamine H3 receptors Alleviates Pentylenetetrazole-Induced Kindling and Associated Memory Deficits by Mitigating Oxidative Stress, Central Neurotransmitters, and c-Fos Protein Expression in Rats. Molecules, 2020, 25, 1575.	1.7	21
80	PSB 603 â€“ a known selective adenosine A2B receptor antagonist â€“ has anti-inflammatory activity in mice. Biomedicine and Pharmacotherapy, 2021, 135, 111164.	2.5	21
81	N-Alkenyl and cycloalkyl carbamates as dual acting histamine H3 and H4 receptor ligands. Bioorganic and Medicinal Chemistry, 2011, 19, 2850-2858.	1.4	20
82	Similarities and differences in affinity and binding modes of tricyclic pyrimido- and pyrazinoxanthines at human and rat adenosine receptors. Bioorganic and Medicinal Chemistry, 2016, 24, 4347-4362.	1.4	20
83	Cholinesterase inhibitory activity of chlorophenoxy derivativesâ€”Histamine H3 receptor ligands. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4140-4145.	1.0	20
84	Chiral Discrimination of Some Annelated Xanthine Derivatives by the Dirhodium Method. European Journal of Organic Chemistry, 2000, 2000, 3489-3496.	1.2	19
85	Modes of Xanthine Complexation to Dirhodium Tetrakis[(R)-Î±-methoxy-Î±-(trifluoromethyl)-phenylacetate] in Solution and in the Solid State. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 319-324.	0.3	19
86	Imidazo[2,1-b]thiazepines: synthesis, structure and evaluation of benzodiazepine receptor binding. European Journal of Medicinal Chemistry, 2004, 39, 205-218.	2.6	19
87	Azines as histamine H4 receptor antagonists. Frontiers in Bioscience - Scholar, 2012, S4, 967-987.	0.8	19
88	Search for influence of spatial properties on affinity at Î±1-adrenoceptor subtypes for phenylpiperazine derivatives of phenytoin. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6152-6156.	1.0	18
89	The novel non-imidazole histamine H3 receptor antagonist DL77 reduces voluntary alcohol intake and ethanol-induced conditioned place preference in mice. Physiology and Behavior, 2015, 151, 189-197.	1.0	18
90	Low-basicity 5-HT7 Receptor Agonists Synthesized Using the van Leusen Multicomponent Protocol. Scientific Reports, 2017, 7, 1444.	1.6	18

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91	Computer-Aided Studies for Novel Arylhydantoin 1,3,5-Triazine Derivatives as 5-HT6 Serotonin Receptor Ligands with Antidepressive-Like, Anxiolytic and Antiobesity Action In Vivo. Molecules, 2018, 23, 2529.	1.7	18
92	Studies on Anticonvulsant Effects of Novel Histamine H3R Antagonists in Electrically and Chemically Induced Seizures in Rats. International Journal of Molecular Sciences, 2018, 19, 3386.	1.8	18
93	The histamine H3 receptor inverse agonist pitolisant reduces body weight in obese mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2018, 391, 875-881.	1.4	18
94	Synthesis and computer-aided SAR studies for derivatives of phenoxyalkyl-1,3,5-triazine as the new potent ligands for serotonin receptors 5-HT6. European Journal of Medicinal Chemistry, 2019, 178, 740-751.	2.6	18
95	Are the Hydantoin-1,3,5-triazine 5-HT6R Ligands a Hope to a Find New Procognitive and Anti-Obesity Drug? Considerations Based on Primary In Vivo Assays and ADME-Tox Profile In Vitro. Molecules, 2019, 24, 4472.	1.7	18
96	Salsolinolâ€"neurotoxic or Neuroprotective?. Neurotoxicity Research, 2020, 37, 286-297.	1.3	18
97	The study of cellular cytotoxicity of argireline - an anti-aging peptide.. Acta Biochimica Polonica, 2014, 61, .	0.3	18
98	Reaction of 5,5-diphenyl-2-thiohydantoin with 1,2-dibromoethane.crystal and molecular structures of 2,3-dihydro-6,6-diphenylimi-dazo-[2,1-b]-thiazol-5(6h)-one and 2,3-dihydro-5,5-diphenylimi-dazo-[2,-1-b]-thiazol-6(5h)-one and their reactivity. Tetrahedron, 1985, 41, 4593-4602.	1.0	17
99	Azines and Diazines as Potential Histamine H3-Receptor Antagonists. Archiv Der Pharmazie, 1995, 328, 445-450.	2.1	17
100	Histamine H3 and H4 receptor affinity of branched 3-(1H-imidazol-4-yl)propyl N-alkylcarbamates. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6682-6685.	1.0	17
101	Efflux Pump Blockers in Gram-Negative Bacteria: The New Generation of Hydantoin Based-Modulators to Improve Antibiotic Activity. Frontiers in Microbiology, 2016, 7, 622.	1.5	17
102	Novel multi-target directed ligands based on annelated xanthine scaffold with aromatic substituents acting on adenosine receptor and monoamine oxidase B. Synthesis, in vitro and in silico studies. Bioorganic and Medicinal Chemistry, 2019, 27, 1195-1210.	1.4	17
103	Rational design of new multitarget histamine H3 receptor ligands as potential candidates for treatment of Alzheimerâ€™s disease. European Journal of Medicinal Chemistry, 2020, 207, 112743.	2.6	17
104	Fluorescent GPCR Ligands as New Tools in Pharmacology-Update, Years 2008- Early 2014. Current Medicinal Chemistry, 2014, 21, 3962-3975.	1.2	17
105	Structural and Molecular Insight into Piperazine and Piperidine Derivatives as Histamine H₃ and Sigma-1 Receptor Antagonists with Promising Antinociceptive Properties. ACS Chemical Neuroscience, 2022, 13, 1-15.	1.7	17
106	Synthesis and Properties ofcis- andtrans-4-Hydroxypraziquantel. Archiv Der Pharmazie, 1991, 324, 235-237.	2.1	16
107	Synthesis, structureâ€"activity relationship of some new anti-arrhythmic 5-arylidene imidazolidine-2,4-dione derivatives. European Journal of Medicinal Chemistry, 2005, 40, 259-269.	2.6	16
108	Piperidine variations in search for non-imidazole histamine H3 receptor ligands. Bioorganic and Medicinal Chemistry, 2008, 16, 8729-8736.	1.4	16

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109	Comparison of the in Vitro Hemolytic Effects Produced by Alkoxyacetic Acids on Human and Rat Erythrocytes. International Journal of Occupational Medicine and Environmental Health, 2008, 21, 147-55.	0.6	16
110	Synthesis, biological activity and molecular modelling studies of tricyclic alkylimidazo-, pyrimido- and diazepinopurinediones. Purinergic Signalling, 2013, 9, 395-414.	1.1	16
111	Biphenyloxy-alkyl-piperidine and azepane derivatives as histamine H3 receptor ligands. Bioorganic and Medicinal Chemistry, 2017, 25, 5341-5354.	1.4	16
112	Computer-aided insights into receptor-ligand interaction for novel 5-arylhydantoin derivatives as serotonin 5-HT 7 receptor agents with antidepressant activity. European Journal of Medicinal Chemistry, 2018, 147, 102-114.	2.6	16
113	Role of Histamine H3 Receptor Antagonists on Intraocular Pressure Reduction in Rabbit Models of Transient Ocular Hypertension and Glaucoma. International Journal of Molecular Sciences, 2019, 20, 981.	1.8	16
114	Discovery of Tricyclic Xanthines as Agonists of the Cannabinoid-Activated Orphan G-Protein-Coupled Receptor GPR18. ACS Medicinal Chemistry Letters, 2020, 11, 2024-2031.	1.3	16
115	In vitro study of histamine and histamine receptor ligands influence on the adhesion of purified human eosinophils to endothelium. European Journal of Pharmacology, 2016, 777, 49-59.	1.7	15
116	KSK19 â€“ Novel histamine H3 receptor ligand reduces body weight in diet induced obese mice. Biochemical Pharmacology, 2019, 168, 193-203.	2.0	15
117	Novel selective agonist of GPR18, PSBâ€KKâ€1415 exerts potent antiâ€inflammatory and antiâ€nociceptive activities in animal models of intestinal inflammation and inflammatory pain. Neurogastroenterology and Motility, 2021, 33, e14003.	1.6	15
118	Modulation of multidrug efflux pump activity by new hydantoin derivatives on colon adenocarcinoma cells without inducing apoptosis. Anticancer Research, 2011, 31, 3285-8.	0.5	15
119	Fused 2-Thiohydantoin Derivatives: Evaluation as Potential Antioxidants. Archiv Der Pharmazie, 1997, 330, 85-90.	2.1	14
120	Crystallographic and spectroscopic studies of 5-arylidene-2-amino-imidazol-4-ones. Journal of Molecular Structure, 2009, 930, 126-134.	1.8	14
121	Antiparkinsonian Effects of Novel Adenosine A_{2A} Receptor Antagonists. Archiv Der Pharmazie, 2011, 344, 20-27.	2.1	14
122	Structural modifications and in vitro pharmacological evaluation of 4-pyridyl-piperazine derivatives as an active and selective histamine H3 receptor ligands. Bioorganic Chemistry, 2019, 91, 103071.	2.0	14
123	Histamine H3 receptor antagonist E177 attenuates amnesia induced by dizocilpine without modulation of anxiety-like behaviors in rats . Neuropsychiatric Disease and Treatment, 2019, Volume 15, 531-542.	1.0	14
124	Pyrazoles as Potential Histamine H3-Receptor Antagonists. Archiv Der Pharmazie, 1995, 328, 469-472.	2.1	13
125	Micellar liquid chromatography for lipophilicity determination of new biologically active 1,3â€purinodiones. Journal of Separation Science, 2010, 33, 1546-1557.	1.3	13
126	Synthesis and biological activity of novel tert -amylphenoxyalkyl (homo)piperidine derivatives as histamine H 3 R ligands. Bioorganic and Medicinal Chemistry, 2017, 25, 2701-2712.	1.4	13

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127	4-tert-Pentylphenoxyalkyl derivatives â€“ Histamine H3 receptor ligands and monoamine oxidase B inhibitors. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 3596-3600.	1.0	13
128	Synthesis and computer-aided analysis of the role of linker for novel ligands of the 5-HT6 serotonin receptor among substituted 1,3,5-triazinylpiperazines. Bioorganic Chemistry, 2019, 84, 319-325.	2.0	13
129	Computational Investigations on the Binding Mode of Ligands for the Cannabinoid-Activated G Protein-Coupled Receptor GPR18. Biomolecules, 2020, 10, 686.	1.8	13
130	Structure and activity studies of glycine receptor ligands. Part 7. Structural remarks on arylideneâ€“imidazoline-4-one glycinates and glycinamides. Journal of Molecular Structure, 2001, 597, 73-81.	1.8	12
131	Atypical cardiostimulant Î² -adrenoceptor in the rat heart: stereoselective antagonism by bupranolol but lack of effect by some bupranolol analogues. British Journal of Pharmacology, 2003, 139, 1548-1554.	2.7	12
132	Optimization and preclinical evaluation of novel histamine H3receptor ligands: Acetyl and propionyl phenoxyalkyl piperazine derivatives. Bioorganic and Medicinal Chemistry, 2018, 26, 6056-6066.	1.4	12
133	The Neuroprotective Effects of Histamine H3 Receptor Antagonist E177 on Pilocarpine-Induced Status Epilepticus in Rats. Molecules, 2019, 24, 4106.	1.7	12
134	REACTION OF 5,5-DIPHENYL-2-THIOHYDANTOIN WITH 1,4-DIBROMOBUTANE. THE CRYSTAL AND MOLECULAR STRUCTURE OF 2,3,4,5-TETRAHYDRO-7,7-DIPHENYLIMIDAZO-[2,1-b]-THIAZEPINE-8(7H)-ONE. Phosphorus, Sulfur and Silicon and the Related Elements, 1989, 42, 191-200.	0.8	11
135	Diether derivatives of homo- or substituted piperidines as non-imidazole histamine H3 receptor ligands. Bioorganic and Medicinal Chemistry, 2009, 17, 3037-3042.	1.4	11
136	5-Arylideneimidazolones with Amine at Position 3 as Potential Antibiotic Adjuvants against Multidrug Resistant Bacteria. Molecules, 2019, 24, 438.	1.7	11
137	Anti-inflammatory, antioxidant, and antiparkinsonian effects of adenosine A2A receptor antagonists. Pharmacology Biochemistry and Behavior, 2015, 132, 71-78.	1.3	10
138	The Synthesis of 1,3,5â€triazine Derivatives and JNJ7777120 Analogues with Histamine H₄ Receptor Affinity and Their Interaction with PTEN Promoter. Chemical Biology and Drug Design, 2016, 88, 254-263.	1.5	10
139	Evaluation of antidepressant-like and anxiolytic-like activity of purinedione-derivatives with affinity for adenosine A2A receptors in mice. Pharmacological Reports, 2016, 68, 1285-1292.	1.5	10
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