Kenneth A Jacobson

List of Publications by Year
in descending order

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		3449	7234
774	42,097	93	158
papers	citations	h-index	g-index

817	817	817	25503
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adenosine A_{2A} receptor antagonists: from caffeine to selective nonâ€xanthines. British Journal of Pharmacology, 2022, 179, 3496-3511.	2.7	48
2	Spinal A₃ adenosine receptor activation acutely restores morphine antinociception in opioid tolerant male rats. Journal of Neuroscience Research, 2022, 100, 251-264.	1.3	6
3	A3 adenosine receptor agonists containing dopamine moieties for enhanced interspecies affinity. European Journal of Medicinal Chemistry, 2022, 228, 113983.	2.6	4
4	A_{2A} Adenosine Receptor Antagonists in Neurodegenerative Diseases. Current Medicinal Chemistry, 2022, 29, 4138-4151.	1.2	18
5	Interaction of A3 adenosine receptor ligands with the human multidrug transporter ABCG2. European Journal of Medicinal Chemistry, 2022, 231, 114103.	2.6	3
6	Structureâ€“Activity Relationship of 3-Methylcytidine-5â€²-Î±,Î²-methylenediphosphates as CD73 Inhibitors. Journal of Medicinal Chemistry, 2022, 65, 2409-2433.	2.9	5
7	Targeting the A3 adenosine receptor to prevent and reverse chemotherapy-induced neurotoxicities in mice. Acta Neuropathologica Communications, 2022, 10, 11.	2.4	22
8	Bridged Piperidine Analogues of a High Affinity Naphthalene-Based P2Y₁₄R Antagonist. Journal of Medicinal Chemistry, 2022, 65, 3434-3459.	2.9	6
9	International Union of Basic and Clinical Pharmacology. CXII: Adenosine Receptors: A Further Update. Pharmacological Reviews, 2022, 74, 340-372.	7.1	67
10	Development of Bicyclo[3.1.0]hexane-Based A3 Receptor Ligands: Closing the Gaps in the Structureâ€“Affinity Relationships. Molecules, 2022, 27, 2283.	1.7	2
11	Dihydropyridines Potentiate ATP-Induced Currents Mediated by the Full-Length Human P2X5 Receptor. Molecules, 2022, 27, 1846.	1.7	4
12	Selective A₃ Adenosine Receptor Antagonist Radioligand for Human and Rodent Species. ACS Medicinal Chemistry Letters, 2022, 13, 623-631.	1.3	6
13	Adipocyte purinergic receptors activated by uracil nucleotides as obesity and type 2 diabetes targets. Current Opinion in Pharmacology, 2022, 63, 102190.	1.7	5
14	Kinetic profiling and functional characterization of 8-phenylxanthine derivatives as A2B adenosine receptor antagonists. Biochemical Pharmacology, 2022, 200, 115027.	2.0	3
15	Synthesis and Effect of Conformationally Locked Carbocyclic Guanine Nucleotides on Dynamin. Biomolecules, 2022, 12, 584.	1.8	0
16	Optical Control of Adenosine A3 Receptor Signaling: Towards a Multimodal Phototherapy in Psoriasis?. Frontiers in Immunology, 2022, 13, 904762.	2.2	2
17	Pathophysiological Role and Medicinal Chemistry of A2A Adenosine Receptor Antagonists in Alzheimerâ€™s Disease. Molecules, 2022, 27, 2680.	1.7	17
18	P2Y ₁₄ receptor inhibition reverses mechanical sensitivity in a mouse model of chronic neuropathic pain. FASEB Journal, 2022, 36, .	0.2	0

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19	Stereospecific antiseizure activity in mouse and rat epilepsy models by a pyridinium inhibitor of TNFÎ±/NFÎºB signaling. European Journal of Medicinal Chemistry Reports, 2022, 6, 100065.	0.6	0
20	Characterization of Dual-Acting A₃ Adenosine Receptor Positive Allosteric Modulators That Preferentially Enhance Adenosine-Induced GÎ±_{i3} and GÎ±_{oA} Isoprotein Activation. ACS Pharmacology and Translational Science, 2022, 5, 625-641.	2.5	8
21	Tribute to Prof. Geoffrey Burnstock: transition of purinergicsignaling to drug discovery. Purinergic Signalling, 2021, 17, 3-8.	1.1	2
22	Ligand design by targeting a binding site water. Chemical Science, 2021, 12, 960-968.	3.7	34
23	Update of P2X receptor properties and their pharmacology: IUPHAR Review 30. British Journal of Pharmacology, 2021, 178, 489-514.	2.7	165
24	Medicinal chemistry of P2 and adenosine receptors: Common scaffolds adapted for multiple targets. Biochemical Pharmacology, 2021, 187, 114311.	2.0	29
25	Geoffrey Burnstock â€“ An accidental pharmacologist. Biochemical Pharmacology, 2021, 187, 114300.	2.0	0
26	Expanding the repertoire of methanocarba nucleosides from purinergic signaling to diverse targets. RSC Medicinal Chemistry, 2021, 12, 1808-1825.	1.7	9
27	Convergent synthesis of 2-thioether-substituted (N)-methanocarba-adenosines as purine receptor agonists. RSC Advances, 2021, 11, 27369-27380.	1.7	1
28	Novel cyanothiouracil and cyanothiocytosine derivatives as concentration-dependent selective inhibitors of U87MG glioblastomas: Adenosine receptor binding and potent PDE4 inhibition. European Journal of Medicinal Chemistry, 2021, 212, 113125.	2.6	9
29	Adenosine Kinase Expression Determines DNA Methylation in Cancer Cell Lines. ACS Pharmacology and Translational Science, 2021, 4, 680-686.	2.5	10
30	Adenosine A2A Receptors Are Upregulated in Peripheral Blood Mononuclear Cells from Atrial Fibrillation Patients. International Journal of Molecular Sciences, 2021, 22, 3467.	1.8	12
31	Biological Evaluation of 5â€²-(N-Ethylcarboxamido)adenosine Analogues as Grp94-Selective Inhibitors. ACS Medicinal Chemistry Letters, 2021, 12, 373-379.	1.3	11
32	Structureâ€“Activity Relationship of Heterocyclic P2Y14 Receptor Antagonists: Removal of the Zwitterionic Character with Piperidine Bioisosteres. Journal of Medicinal Chemistry, 2021, 64, 5099-5122.	2.9	11
33	UDP-glucose and P2Y14 receptor amplify allergen-induced airway eosinophilia. Journal of Clinical Investigation, 2021, 131, .	3.9	21
34	Adenosine A3 agonists reverse neuropathic pain via T cellâ€“mediated production of IL-10. Journal of Clinical Investigation, 2021, 131, .	3.9	44
35	Adenosine Metabotropic Receptors in Chronic Pain Management. Frontiers in Pharmacology, 2021, 12, 651038.	1.6	10
36	Design and Synthesis of 2,6-Disubstituted-4â€²-Selenoadenosine-5â€²-N,N-Dimethyluronamide Derivatives as Human A3 Adenosine Receptor Antagonists. Pharmaceuticals, 2021, 14, 363.	1.7	3

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37	Editorial: Geoffrey Burnstock - An Accidental Pharmacologist. Biochemical Pharmacology, 2021, 187, 114421.	2.0	1
38	Adipocyte P2Y14 receptors play a key role in regulating whole-body glucose and lipid homeostasis. JCI Insight, 2021, 6, .	2.3	15
39	Purinergic signaling in diabetes and metabolism. Biochemical Pharmacology, 2021, 187, 114393.	2.0	35
40	Structure activity relationship of 3-nitro-2-(trifluoromethyl)-2H-chromene derivatives as P2Y6 receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2021, 41, 128008.	1.0	8
41	Adenosine receptors in GtoPdb v.2021.2. IUPHAR/BPS Guide To Pharmacology CITE, 2021, 2021, .	0.2	5
42	Uncovering the Mechanisms of Adenosine Receptor-Mediated Pain Control: Focus on the A3 Receptor Subtype. International Journal of Molecular Sciences, 2021, 22, 7952.	1.8	18
43	Structure-activity relationships of pyrimidine nucleotides containing a 5â€²-Î±,Î²-methylene diphosphonate at the P2Y6 receptor. Bioorganic and Medicinal Chemistry Letters, 2021, 45, 128137.	1.0	6
44	Subtle Chemical Changes Cross the Boundary between Agonist and Antagonist: New A₃ Adenosine Receptor Homology Models and Structural Network Analysis Can Predict This Boundary. Journal of Medicinal Chemistry, 2021, 64, 12525-12536.	2.9	11
45	Allosteric Coupling of Drug Binding and Intracellular Signaling in the A2A Adenosine Receptor. , 2021, , 184-196.		0
46	Optical control of adenosine A3 receptor function in psoriasis. Pharmacological Research, 2021, 170, 105731.	3.1	7
47	Purinergic Signaling in Liver Pathophysiology. Frontiers in Endocrinology, 2021, 12, 718429.	1.5	17
48	P2Y receptors in GtoPdb v.2021.3. IUPHAR/BPS Guide To Pharmacology CITE, 2021, 2021, .	0.2	3
49	Discovery of Highly Potent Adenosine A1 Receptor Agonists: Targeting Positron Emission Tomography Probes. ACS Chemical Neuroscience, 2021, 12, 3410-3417.	1.7	2
50	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G proteinâ€coupled receptors. British Journal of Pharmacology, 2021, 178, S27-S156.	2.7	337
51	Adenosine A1 receptor is dispensable for hepatocyte glucose metabolism and insulin sensitivity. Biochemical Pharmacology, 2021, 192, 114739.	2.0	3
52	Synthesis and evaluation of adenosine derivatives as A1, A2A, A2B and A3 adenosine receptor ligands containing boron clusters as phenyl isosteres and selective A3 agonists. European Journal of Medicinal Chemistry, 2021, 223, 113607.	2.6	10
53	Fragment-based design of selective GPCR ligands guided by free energy simulations. Chemical Communications, 2021, 57, 12305-12308.	2.2	11
54	Pharmacological characterization of DPTN and other selective A3 adenosine receptor antagonists. Purinergic Signalling, 2021, , 1.	1.1	8

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55	Purinergic GPCR transmembrane residues involved in ligand recognition and dimerization. Methods in Cell Biology, 2021, 166, 133-159.	0.5	3
56	Adenosine Receptors. , 2021, , 30-40.		0
57	Survey of ribose ring pucker of signaling nucleosides and nucleotides. Nucleosides, Nucleotides and Nucleic Acids, 2020, 39, 322-341.	0.4	4
58	Sexually dimorphic therapeutic response in bortezomib-induced neuropathic pain reveals altered pain physiology in female rodents. Pain, 2020, 161, 177-184.	2.0	25
59	Conjugable A3 adenosine receptor antagonists for the development of functionalized ligands and their use in fluorescent probes. European Journal of Medicinal Chemistry, 2020, 186, 111886.	2.6	11
60	Structure activity relationship of novel antiviral nucleosides against Enterovirus A71. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127599.	1.0	4
61	Update of P2Y receptor pharmacology: IUPHAR Review 27. British Journal of Pharmacology, 2020, 177, 2413-2433.	2.7	151
62	Identification of a New Heterocyclic Scaffold for Inhibitors of the Polo-Box Domain of Polo-like Kinase 1. Journal of Medicinal Chemistry, 2020, 63, 14087-14117.	2.9	15
63	Design and in vivo activity of A3 adenosine receptor agonist prodrugs. Purinergic Signalling, 2020, 16, 367-377.	1.1	13
64	Exploration of Alternative Scaffolds for P2Y₁₄ Receptor Antagonists Containing a Biaryl Core. Journal of Medicinal Chemistry, 2020, 63, 9563-9589.	2.9	20
65	Nucleotide P2Y1 receptor agonists are in vitro and in vivo prodrugs of A1/A3 adenosine receptor agonists: implications for roles of P2Y1 and A1/A3 receptors in physiology and pathology. Purinergic Signalling, 2020, 16, 543-559.	1.1	17
66	Acute visceral pain relief mediated by A3AR agonists in rats: involvement of N-type voltage-gated calcium channels. Pain, 2020, 161, 2179-2190.	2.0	21
67	Purinergic Signaling: Impact of GPCR Structures on Rational Drug Design. ChemMedChem, 2020, 15, 1958-1973.	1.6	16
68	Discovery and Structureâ€“Activity Relationships of Novel Template, Truncated 1â€²-Homologated Adenosine Derivatives as Pure Dual PPARÎ³/Î´ Modulators. Journal of Medicinal Chemistry, 2020, 63, 16012-16027.	2.9	15
69	Allosteric Antagonism of the A2A Adenosine Receptor by a Series of Bitopic Ligands. Cells, 2020, 9, 1200.	1.8	12
70	In Silico Drug Design for Purinergic GPCRs: Overview on Molecular Dynamics Applied to Adenosine and P2Y Receptors. Biomolecules, 2020, 10, 812.	1.8	17
71	Peptide-Liganded G Protein-Coupled Receptors as Neurotherapeutics. ACS Pharmacology and Translational Science, 2020, 3, 190-202.	2.5	5
72	Treatment of chronic neuropathic pain: purine receptor modulation. Pain, 2020, 161, 1425-1441.	2.0	49

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73	Direct Comparison of (N)-Methanocarba and Ribose-Containing 2-Arylalkynyladenosine Derivatives as A₃ Receptor Agonists. ACS Medicinal Chemistry Letters, 2020, 11, 1935-1941.	1.3	17
74	P2Y₁₄ Receptor Antagonists Reverse Chronic Neuropathic Pain in a Mouse Model. ACS Medicinal Chemistry Letters, 2020, 11, 1281-1286.	1.3	22
75	Neuroprotective and neuro-rehabilitative effects of acute purinergic receptor P2X4 (P2X4R) blockade after ischemic stroke. Experimental Neurology, 2020, 329, 113308.	2.0	54
76	Truncated (N)-Methanocarba Nucleosides as Partial Agonists at Mouse and Human A₃ Adenosine Receptors: Affinity Enhancement by N⁶-(2-Phenylethyl) Substitution. Journal of Medicinal Chemistry, 2020, 63, 4334-4348.	2.9	17
77	Adenosine-Related Mechanisms in Non-Adenosine Receptor Drugs. Cells, 2020, 9, 956.	1.8	15
78	Prevention and rescue of cardiac dysfunction by methanocarba adenosine monophosphonate derivatives. Purinergic Signalling, 2020, 16, 61-72.	1.1	5
79	Assessment of biased agonism at the A3 adenosine receptor using Î²-arrestin and miniGÎ±i recruitment assays. Biochemical Pharmacology, 2020, 177, 113934.	2.0	26
80	Lack of adipocyte purinergic P2Y ₆ receptor greatly improves whole body glucose homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30763-30774.	3.3	34
81	Chronic Morphine-Induced Changes in Signaling at the A₃Adenosine Receptor Contribute to Morphine-Induced Hyperalgesia, Tolerance, and Withdrawal. Journal of Pharmacology and Experimental Therapeutics, 2020, 374, 331-341.	1.3	30
82	1705-P: Adipocyte Specific Ablation of P2Y14R Improves Glucose Metabolism in Mice with Diet-Induced Obesity. Diabetes, 2020, 69, .	0.3	1
83	Activation of neuronal adenosine A1 receptors causes hypothermia through central and peripheral mechanisms. PLoS ONE, 2020, 15, e0243986.	1.1	5
84	Identification and Characterization of â€˜Biasedâ€™ A₃ Adenosine Receptor Allosteric Modulators. FASEB Journal, 2020, 34, 1-1.	0.2	0
85	Title is missing!. , 2020, 15, e0243986.		0
86	Title is missing!. , 2020, 15, e0243986.		0
87	Title is missing!. , 2020, 15, e0243986.		0
88	Title is missing!. , 2020, 15, e0243986.		0
89	Title is missing!. , 2020, 15, e0243986.		0
90	Title is missing!. , 2020, 15, e0243986.		0

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91	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G proteinâ€coupled receptors. British Journal of Pharmacology, 2019, 176, S21-S141.	2.7	519
92	A2B Adenosine Receptor and Cancer. International Journal of Molecular Sciences, 2019, 20, 5139.	1.8	62
93	Evidence for the Interaction of A₃ Adenosine Receptor Agonists at the Drug-Binding Site(s) of Human P-glycoprotein (ABCB1). Molecular Pharmacology, 2019, 96, 180-192.	1.0	10
94	Accelerating the Throughput of Affinity Mass Spectrometry-Based Ligand Screening toward a G Protein-Coupled Receptor. Analytical Chemistry, 2019, 91, 8162-8169.	3.2	25
95	Deficiency of adenosine deaminase 2 triggers adenosine-mediated NETosis and TNF production in patients with DADA2. Blood, 2019, 134, 395-406.	0.6	115
96	Structureâ€“Activity Relationship of Purine and Pyrimidine Nucleotides as Ecto-5â€²-Nucleotidase (CD73) Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 3677-3695.	2.9	53
97	Physiology and effects of nucleosides in mice lacking all four adenosine receptors. PLoS Biology, 2019, 17, e3000161.	2.6	46
98	Editorial: Purinergic Pharmacology. Frontiers in Pharmacology, 2019, 10, 21.	1.6	6
99	Historical and Current Adenosine Receptor Agonists in Preclinical and Clinical Development. Frontiers in Cellular Neuroscience, 2019, 13, 124.	1.8	146
100	Pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidines to develop functionalized ligands to target adenosine receptors: fluorescent ligands as an example. MedChemComm, 2019, 10, 1094-1108.	3.5	9
101	Adenosine A3 receptor activation inhibits pronociceptive N-type Ca2+ currents and cell excitability in dorsal root ganglion neurons. Pain, 2019, 160, 1103-1118.	2.0	43
102	Adenosine A1-A2A Receptor-Receptor Interaction: Contribution to Guanosine-Mediated Effects. Cells, 2019, 8, 1630.	1.8	26
103	A3 adenosine receptor activation mechanisms: molecular dynamics analysis of inactive, active, and fully active states. Journal of Computer-Aided Molecular Design, 2019, 33, 983-996.	1.3	10
104	Design and in Vivo Characterization of A₁ Adenosine Receptor Agonists in the Native Ribose and Conformationally Constrained (N)-Methanocarba Series. Journal of Medicinal Chemistry, 2019, 62, 1502-1522.	2.9	22
105	Structure Activity Relationship of 4-Amino-2-thiopyrimidine Derivatives as Platelet Aggregation Inhibitors. Medicinal Chemistry, 2019, 15, 863-872.	0.7	4
106	Adenosine receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	3
107	P2Y receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. IUPHAR/BPS Guide To Pharmacology CITE, 2019, 2019, .	0.2	6
108	280-LB: Role of A1 and A3 Adenosine Receptors in Whole Body Glucose Metabolism. Diabetes, 2019, 68, .	0.3	1

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109	Abstract WP143: Acute Treatment With Purinergic Receptor P2X4 Inhibitors Show Neuroprotective and Neuro-Rehabilitation Potential in Ischemic Stroke. Stroke, 2019, 50, .	1.0	0
110	Structural Connection between Activation Microswitch and Allosteric Sodium Site in GPCR Signaling. Structure, 2018, 26, 259-269.e5.	1.6	134
111	Chemotherapy-induced pain is promoted by enhanced spinal adenosine kinase levels through astrocyte-dependent mechanisms. Pain, 2018, 159, 1025-1034.	2.0	67
112	Allosteric Coupling of Drug Binding and Intracellular Signaling in the A2A Adenosine Receptor. Cell, 2018, 172, 68-80.e12.	13.5	173
113	A binding kinetics study of human adenosine A3 receptor agonists. Biochemical Pharmacology, 2018, 153, 248-259.	2.0	11
114	Activation of adenosine A2A or A2B receptors causes hypothermia in mice. Neuropharmacology, 2018, 139, 268-278.	2.0	20
115	A₃ Adenosine Receptors as Modulators of Inflammation: From Medicinal Chemistry to Therapy. Medicinal Research Reviews, 2018, 38, 1031-1072.	5.0	111
116	Species differences and mechanism of action of A3 adenosine receptor allosteric modulators. Purinergic Signalling, 2018, 14, 59-71.	1.1	17
117	Breakthrough in GPCR Crystallography and Its Impact on Computer-Aided Drug Design. Methods in Molecular Biology, 2018, 1705, 45-72.	0.4	16
118	On the G protein-coupling selectivity of the native A2B adenosine receptor. Biochemical Pharmacology, 2018, 151, 201-213.	2.0	36
119	Structure activity relationship of 2-arylalkynyl-adenine derivatives as human A₃ adenosine receptor antagonists. MedChemComm, 2018, 9, 1920-1932.	3.5	6
120	Probing structure-activity relationship in Î²-arrestin2 recruitment of diversely substituted adenosine derivatives. Biochemical Pharmacology, 2018, 158, 103-113.	2.0	13
121	Repurposing of a Nucleoside Scaffold from Adenosine Receptor Agonists to Opioid Receptor Antagonists. ACS Omega, 2018, 3, 12658-12678.	1.6	13
122	Preclinical Evaluation of the First Adenosine A₁ Receptor Partial Agonist Radioligand for Positron Emission Tomography Imaging. Journal of Medicinal Chemistry, 2018, 61, 9966-9975.	2.9	21
123	Salvianolic acids from antithrombotic Traditional Chinese Medicine Danshen are antagonists of human P2Y1 and P2Y12 receptors. Scientific Reports, 2018, 8, 8084.	1.6	20
124	Structure-Guided Modification of Heterocyclic Antagonists of the P2Y₁₄ Receptor. Journal of Medicinal Chemistry, 2018, 61, 4860-4882.	2.9	32
125	Thermostabilization and purification of the human dopamine transporter (hDAT) in an inhibitor and allosteric ligand bound conformation. PLoS ONE, 2018, 13, e0200085.	1.1	18
126	Activation of basal forebrain purinergic P2 receptors promotes wakefulness in mice. Scientific Reports, 2018, 8, 10730.	1.6	8

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127	Medicinal Chemistry of the A3 Adenosine Receptor. , 2018, , 169-198.		7
128	A2A Adenosine Receptor: Structures, Modeling, and Medicinal Chemistry. , 2018, , 91-136.		4
129	A1 Adenosine Receptor Agonists, Antagonists, and Allosteric Modulators. , 2018, , 59-89.		14
130	Remote control of movement disorders using a photoactive adenosine A2A receptor antagonist. Journal of Controlled Release, 2018, 283, 135-142.	4.8	31
131	Extrinsic Tryptophans as NMR Probes of Allosteric Coupling in Membrane Proteins: Application to the A_{2A} Adenosine Receptor. Journal of the American Chemical Society, 2018, 140, 8228-8235.	6.6	41
132	P2Y14 Receptor. , 2018, , 3713-3718.		2
133	Polymorphic Role of P2Y6 Receptor in Insulin Sensitive Organsâ€"Adipose Tissue and Skeletal Muscle. Diabetes, 2018, 67, 1769-P.	0.3	0
134	Exploring the Role of N⁶-Substituents in Potent Dual Acting 5â€²-C-Ethyltetrazolyladenosine Derivatives: Synthesis, Binding, Functional Assays, and Antinociceptive Effects in Mice. Journal of Medicinal Chemistry, 2017, 60, 4327-4341.	2.9	15
135	Hypothermia in mouse is caused by adenosine A1 and A3 receptor agonists and AMP via three distinct mechanisms. Neuropharmacology, 2017, 114, 101-113.	2.0	60
136	Highly selective A3 adenosine receptor agonists relieve chronic neuropathic pain. Expert Opinion on Therapeutic Patents, 2017, 27, 967-967.	2.4	10
137	N⁶-Substituted 5â€²-N-Methylcarbamoyl-4â€²-selenoadenosines as Potent and Selective A₃ Adenosine Receptor Agonists with Unusual Sugar Puckering and Nucleobase Orientation. Journal of Medicinal Chemistry, 2017, 60, 3422-3437.	2.9	22
138	Scaffold Repurposing of Nucleosides (Adenosine Receptor Agonists): Enhanced Activity at the Human Dopamine and Norepinephrine Sodium Symporters. Journal of Medicinal Chemistry, 2017, 60, 3109-3123.	2.9	18
139	Pyrimidine nucleotides containing a (S)-methanocarba ring as P2Y₆ receptor agonists. MedChemComm, 2017, 8, 1897-1908.	3.5	16
140	Distinct Signaling Patterns of Allosteric Antagonism at the P2Y₁ Receptor. Molecular Pharmacology, 2017, 92, 613-626.	1.0	24
141	(192) Targeting A3 adenosine receptor in HIV-1 gp120-induced neuropathic pain. Journal of Pain, 2017, 18, S24.	0.7	0
142	(193) Contribution of IL-10 and T cells in beneficial effects exerted by A 3 adenosine receptor agonists in blocking and reversing neuropathic pain. Journal of Pain, 2017, 18, S24.	0.7	1
143	Polypharmacology of N⁶-(3-Iodobenzyl)adenosine-5â€²-N-methyluronamide (IB-MECA) and Related A₃ Adenosine Receptor Ligands: Peroxisome Proliferator Activated Receptor (PPAR) Î³ Partial Agonist and PPARÎ´ Antagonist Activity Suggests Their Antidiabetic Potential. Journal of Medicinal Chemistry, 2017, 60, 7459-7475.	2.9	29
144	Polypharmacology of conformationally locked methanocarba nucleosides. Drug Discovery Today, 2017, 22, 1782-1791.	3.2	16

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145	Fragment optimization for GPCRs by molecular dynamics free energy calculations: Probing druggable subpockets of the A 2A adenosine receptor binding site. Scientific Reports, 2017, 7, 6398.	1.6	44
146	Demystifying P2Y₁ Receptor Ligand Recognition through Docking and Molecular Dynamics Analyses. Journal of Chemical Information and Modeling, 2017, 57, 3104-3123.	2.5	20
147	Purinergic drug targets for gastrointestinal disorders. Current Opinion in Pharmacology, 2017, 37, 131-141.	1.7	27
148	Bitopic fluorescent antagonists of the A_{2A} adenosine receptor based on pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5-amine functionalized congeners. MedChemComm, 2017, 8, 1659-1667.	3.5	15
149	Purinergic Signaling in Mast Cell Degranulation and Asthma. Frontiers in Pharmacology, 2017, 8, 947.	1.6	65
150	Adenosine â˜†. , 2017, , .		0
151	Structural Probing and Molecular Modeling of the A3 Adenosine Receptor: A Focus on Agonist Binding. Molecules, 2017, 22, 449.	1.7	30
152	Inherited dysfunctional platelet P2Y12 receptor mutations associated with bleeding disorders. Hamostaseologie, 2016, 36, 279-283.	0.9	15
153	Structure-Based Scaffold Repurposing for G Protein-Coupled Receptors: Transformation of Adenosine Derivatives into 5HT_{2B}/5HT_{2C} Serotonin Receptor Antagonists. Journal of Medicinal Chemistry, 2016, 59, 11006-11026.	2.9	18
154	On the selectivity of the Gα_q inhibitor UBO-QIC: A comparison with the Gα_i inhibitor pertussis toxin. Biochemical Pharmacology, 2016, 107, 59-66.	2.0	40
155	Identification of A₃ adenosine receptor agonists as novel nonâ€narcotic analgesics. British Journal of Pharmacology, 2016, 173, 1253-1267.	2.7	55
156	Ocular Purine Receptors as Drug Targets in the Eye. Journal of Ocular Pharmacology and Therapeutics, 2016, 32, 534-547.	0.6	44
157	Structure-Based Screening of Uncharted Chemical Space for Atypical Adenosine Receptor Agonists. ACS Chemical Biology, 2016, 11, 2763-2772.	1.6	28
158	South (S)- and North (N)-Methanocarba-7-Deazaadenosine Analogues as Inhibitors of Human Adenosine Kinase. Journal of Medicinal Chemistry, 2016, 59, 6860-6877.	2.9	41
159	UDP-glucose promotes neutrophil recruitment in the lung. Purinergic Signalling, 2016, 12, 627-635.	1.1	47
160	Structure-Activity Analysis of Biased Agonism at the Human Adenosine A₃ Receptor. Molecular Pharmacology, 2016, 90, 12-22.	1.0	37
161	Structure-Based Design of 3-(4-Aryl-1H-1,2,3-triazol-1-yl)-Biphenyl Derivatives as P2Y₁₄ Receptor Antagonists. Journal of Medicinal Chemistry, 2016, 59, 6149-6168.	2.9	38
162	Peripheral Adenosine A3 Receptor Activation Causes Regulated Hypothermia in Mice That Is Dependent on Central Histamine H1 Receptors. Journal of Pharmacology and Experimental Therapeutics, 2016, 356, 475-483.	1.3	22

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163	Characterization of polyamidoamino (PAMAM) dendrimers using in-line reversed phase LC electrospray ionization mass spectrometry. Analytical Methods, 2016, 8, 263-269.	1.3	26
164	Purine (N)-Methanocarba Nucleoside Derivatives Lacking an Exocyclic Amine as Selective A3 Adenosine Receptor Agonists. Journal of Medicinal Chemistry, 2016, 59, 3249-3263.	2.9	14
165	Rigid Adenine Nucleoside Derivatives as Novel Modulators of the Human Sodium Symporters for Dopamine and Norepinephrine. Journal of Pharmacology and Experimental Therapeutics, 2016, 357, 24-35.	1.3	13
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