Kenneth A Jacobson

List of Publications by Year
in descending order

776 papers	42,097 citations	2975 93 h-index	6300 158 g-index
817 all docs	817 docs citations	817 times ranked	23289 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.	5.4	48
2	Spinal A₃ adenosine receptor activation acutely restores morphine antinociception in opioid tolerant male rats. Journal of Neuroscience Research, 2022, 100, 251-264.	2.9	6
3	A3 adenosine receptor agonists containing dopamine moieties for enhanced interspecies affinity. European Journal of Medicinal Chemistry, 2022, 228, 113983.	5.5	4
4	A_{2A} Adenosine Receptor Antagonists in Neurodegenerative Diseases. Current Medicinal Chemistry, 2022, 29, 4138-4151.	2.4	18
5	Interaction of A3 adenosine receptor ligands with the human multidrug transporter ABCG2. European Journal of Medicinal Chemistry, 2022, 231, 114103.	5.5	3
6	Structureâ€“Activity Relationship of 3-Methylcytidine-5â€²-Î±,Î²-methylenediphosphates as CD73 Inhibitors. Journal of Medicinal Chemistry, 2022, 65, 2409-2433.	6.4	5
7	Targeting the A3 adenosine receptor to prevent and reverse chemotherapy-induced neurotoxicities in mice. Acta Neuropathologica Communications, 2022, 10, 11.	5.2	22
8	Bridged Piperidine Analogues of a High Affinity Naphthalene-Based P2Y₁₄R Antagonist. Journal of Medicinal Chemistry, 2022, 65, 3434-3459.	6.4	6
9	International Union of Basic and Clinical Pharmacology. CXII: Adenosine Receptors: A Further Update. Pharmacological Reviews, 2022, 74, 340-372.	16.0	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.	3.8	2
11	Dihydropyridines Potentiate ATP-Induced Currents Mediated by the Full-Length Human P2X5 Receptor. Molecules, 2022, 27, 1846.	3.8	4
12	Selective A₃ Adenosine Receptor Antagonist Radioligand for Human and Rodent Species. ACS Medicinal Chemistry Letters, 2022, 13, 623-631.	2.8	6
13	Adipocyte purinergic receptors activated by uracil nucleotides as obesity and type 2 diabetes targets. Current Opinion in Pharmacology, 2022, 63, 102190.	3.5	5
14	Kinetic profiling and functional characterization of 8-phenylxanthine derivatives as A2B adenosine receptor antagonists. Biochemical Pharmacology, 2022, 200, 115027.	4.4	3
15	Synthesis and Effect of Conformationally Locked Carbocyclic Guanine Nucleotides on Dynamin. Biomolecules, 2022, 12, 584.	4.0	0
16	Optical Control of Adenosine A3 Receptor Signaling: Towards a Multimodal Phototherapy in Psoriasis?. Frontiers in Immunology, 2022, 13, 904762.	4.8	2
17	Pathophysiological Role and Medicinal Chemistry of A2A Adenosine Receptor Antagonists in Alzheimerâ€™s Disease. Molecules, 2022, 27, 2680.	3.8	17
18	P2Y ₁₄ receptor inhibition reverses mechanical sensitivity in a mouse model of chronic neuropathic pain. FASEB Journal, 2022, 36, .	0.5	0

#	Article	IF	Citations
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.	1.4	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.	4.9	8
21	Tribute to Prof. Geoffrey Burnstock: transition of purinergicsignaling to drug discovery. Purinergic Signalling, 2021, 17, 3-8.	2.2	2
22	Ligand design by targeting a binding site water. Chemical Science, 2021, 12, 960-968.	7.4	34
23	Update of P2X receptor properties and their pharmacology: IUPHAR Review 30. British Journal of Pharmacology, 2021, 178, 489-514.	5.4	165
24	Medicinal chemistry of P2 and adenosine receptors: Common scaffolds adapted for multiple targets. Biochemical Pharmacology, 2021, 187, 114311.	4.4	29
25	Geoffrey Burnstock â€“ An accidental pharmacologist. Biochemical Pharmacology, 2021, 187, 114300.	4.4	0
26	Expanding the repertoire of methanocarba nucleosides from purinergic signaling to diverse targets. RSC Medicinal Chemistry, 2021, 12, 1808-1825.	3.9	9
27	Convergent synthesis of 2-thioether-substituted (N)-methanocarba-adenosines as purine receptor agonists. RSC Advances, 2021, 11, 27369-27380.	3.6	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.	5.5	9
29	Adenosine Kinase Expression Determines DNA Methylation in Cancer Cell Lines. ACS Pharmacology and Translational Science, 2021, 4, 680-686.	4.9	10
30	Adenosine A2A Receptors Are Upregulated in Peripheral Blood Mononuclear Cells from Atrial Fibrillation Patients. International Journal of Molecular Sciences, 2021, 22, 3467.	4.1	12
31	Biological Evaluation of 5â€²-(N-Ethylcarboxamido)adenosine Analogues as Grp94-Selective Inhibitors. ACS Medicinal Chemistry Letters, 2021, 12, 373-379.	2.8	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.	6.4	11
33	UDP-glucose and P2Y14 receptor amplify allergen-induced airway eosinophilia. Journal of Clinical Investigation, 2021, 131, .	8.2	21
34	Adenosine A3 agonists reverse neuropathic pain via T cellâ€“mediated production of IL-10. Journal of Clinical Investigation, 2021, 131, .	8.2	44
35	Adenosine Metabotropic Receptors in Chronic Pain Management. Frontiers in Pharmacology, 2021, 12, 651038.	3.5	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.	3.8	3

#	Article	IF	Citations
37	Editorial: Geoffrey Burnstock - An Accidental Pharmacologist. Biochemical Pharmacology, 2021, 187, 114421.	4.4	1
38	Adipocyte P2Y14 receptors play a key role in regulating whole-body glucose and lipid homeostasis. JCI Insight, 2021, 6, .	5.0	15
39	Purinergic signaling in diabetes and metabolism. Biochemical Pharmacology, 2021, 187, 114393.	4.4	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.	2.2	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.	4.1	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.	2.2	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.	6.4	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.	7.1	7
47	Purinergic Signaling in Liver Pathophysiology. Frontiers in Endocrinology, 2021, 12, 718429.	3.5	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.	3.5	2
50	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G proteinâ€coupled receptors. British Journal of Pharmacology, 2021, 178, S27-S156.	5.4	337
51	Adenosine A1 receptor is dispensable for hepatocyte glucose metabolism and insulin sensitivity. Biochemical Pharmacology, 2021, 192, 114739.	4.4	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.	5.5	10
53	Fragment-based design of selective GPCR ligands guided by free energy simulations. Chemical Communications, 2021, 57, 12305-12308.	4.1	11
54	Pharmacological characterization of DPTN and other selective A3 adenosine receptor antagonists. Purinergic Signalling, 2021, , 1.	2.2	8

#	Article	IF	Citations
55	Purinergic GPCR transmembrane residues involved in ligand recognition and dimerization. Methods in Cell Biology, 2021, 166, 133-159.	1.1	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.	1.1	4
58	Sexually dimorphic therapeutic response in bortezomib-induced neuropathic pain reveals altered pain physiology in female rodents. Pain, 2020, 161, 177-184.	4.2	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.	5.5	11
60	Structure activity relationship of novel antiviral nucleosides against Enterovirus A71. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127599.	2.2	4
61	Update of P2Y receptor pharmacology: IUPHAR Review 27. British Journal of Pharmacology, 2020, 177, 2413-2433.	5.4	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.	6.4	15
63	Design and in vivo activity of A3 adenosine receptor agonist prodrugs. Purinergic Signalling, 2020, 16, 367-377.	2.2	13
64	Exploration of Alternative Scaffolds for P2Y₁₄ Receptor Antagonists Containing a Biaryl Core. Journal of Medicinal Chemistry, 2020, 63, 9563-9589.	6.4	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.	2.2	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.	4.2	21
67	Purinergic Signaling: Impact of GPCR Structures on Rational Drug Design. ChemMedChem, 2020, 15, 1958-1973.	3.2	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.	6.4	15
69	Allosteric Antagonism of the A2A Adenosine Receptor by a Series of Bitopic Ligands. Cells, 2020, 9, 1200.	4.1	12
70	In Silico Drug Design for Purinergic GPCRs: Overview on Molecular Dynamics Applied to Adenosine and P2Y Receptors. Biomolecules, 2020, 10, 812.	4.0	17
71	Peptide-Liganded G Protein-Coupled Receptors as Neurotherapeutics. ACS Pharmacology and Translational Science, 2020, 3, 190-202.	4.9	5
72	Treatment of chronic neuropathic pain: purine receptor modulation. Pain, 2020, 161, 1425-1441.	4.2	49

#	Article	IF	Citations
73	Direct Comparison of (N)-Methanocarba and Ribose-Containing 2-Arylalkynyladenosine Derivatives as A₃ Receptor Agonists. ACS Medicinal Chemistry Letters, 2020, 11, 1935-1941.	2.8	17
74	P2Y₁₄ Receptor Antagonists Reverse Chronic Neuropathic Pain in a Mouse Model. ACS Medicinal Chemistry Letters, 2020, 11, 1281-1286.	2.8	22
75	Neuroprotective and neuro-rehabilitative effects of acute purinergic receptor P2X4 (P2X4R) blockade after ischemic stroke. Experimental Neurology, 2020, 329, 113308.	4.1	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.	6.4	17
77	Adenosine-Related Mechanisms in Non-Adenosine Receptor Drugs. Cells, 2020, 9, 956.	4.1	15
78	Prevention and rescue of cardiac dysfunction by methanocarba adenosine monophosphonate derivatives. Purinergic Signalling, 2020, 16, 61-72.	2.2	5
79	Assessment of biased agonism at the A3 adenosine receptor using Î²-arrestin and miniGÎ±i recruitment assays. Biochemical Pharmacology, 2020, 177, 113934.	4.4	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.	7.1	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.	2.5	30
82	1705-P: Adipocyte Specific Ablation of P2Y14R Improves Glucose Metabolism in Mice with Diet-Induced Obesity. Diabetes, 2020, 69, .	0.6	1
83	Activation of neuronal adenosine A1 receptors causes hypothermia through central and peripheral mechanisms. PLoS ONE, 2020, 15, e0243986.	2.5	5
84	Identification and Characterization of â€˜Biasedâ€™ A₃ Adenosine Receptor Allosteric Modulators. FASEB Journal, 2020, 34, 1-1.	0.5	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

#	Article	IF	Citations
91	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G proteinâ€coupled receptors. British Journal of Pharmacology, 2019, 176, S21-S141.	5.4	519
92	A2B Adenosine Receptor and Cancer. International Journal of Molecular Sciences, 2019, 20, 5139.	4.1	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.	2.3	10
94	Accelerating the Throughput of Affinity Mass Spectrometry-Based Ligand Screening toward a G Protein-Coupled Receptor. Analytical Chemistry, 2019, 91, 8162-8169.	6.5	25
95	Deficiency of adenosine deaminase 2 triggers adenosine-mediated NETosis and TNF production in patients with DADA2. Blood, 2019, 134, 395-406.	1.4	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.	6.4	53
97	Physiology and effects of nucleosides in mice lacking all four adenosine receptors. PLoS Biology, 2019, 17, e3000161.	5.6	46
98	Editorial: Purinergic Pharmacology. Frontiers in Pharmacology, 2019, 10, 21.	3.5	6
99	Historical and Current Adenosine Receptor Agonists in Preclinical and Clinical Development. Frontiers in Cellular Neuroscience, 2019, 13, 124.	3.7	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.	3.4	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.	4.2	43
102	Adenosine A1-A2A Receptor-Receptor Interaction: Contribution to Guanosine-Mediated Effects. Cells, 2019, 8, 1630.	4.1	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.	2.9	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.	6.4	22
105	Structure Activity Relationship of 4-Amino-2-thiopyrimidine Derivatives as Platelet Aggregation Inhibitors. Medicinal Chemistry, 2019, 15, 863-872.	1.5	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, .	0.6	1

#	Article	IF	Citations
109	Abstract WP143: Acute Treatment With Purinergic Receptor P2X4 Inhibitors Show Neuroprotective and Neuro-Rehabilitation Potential in Ischemic Stroke. Stroke, 2019, 50, .	2.0	0
110	Structural Connection between Activation Microswitch and Allosteric Sodium Site in GPCR Signaling. Structure, 2018, 26, 259-269.e5.	3.3	134
111	Chemotherapy-induced pain is promoted by enhanced spinal adenosine kinase levels through astrocyte-dependent mechanisms. Pain, 2018, 159, 1025-1034.	4.2	67
112	Allosteric Coupling of Drug Binding and Intracellular Signaling in the A2A Adenosine Receptor. Cell, 2018, 172, 68-80.e12.	28.9	173
113	A binding kinetics study of human adenosine A3 receptor agonists. Biochemical Pharmacology, 2018, 153, 248-259.	4.4	11
114	Activation of adenosine A2A or A2B receptors causes hypothermia in mice. Neuropharmacology, 2018, 139, 268-278.	4.1	20
115	A₃ Adenosine Receptors as Modulators of Inflammation: From Medicinal Chemistry to Therapy. Medicinal Research Reviews, 2018, 38, 1031-1072.	10.5	111
116	Species differences and mechanism of action of A3 adenosine receptor allosteric modulators. Purinergic Signalling, 2018, 14, 59-71.	2.2	17
117	Breakthrough in GPCR Crystallography and Its Impact on Computer-Aided Drug Design. Methods in Molecular Biology, 2018, 1705, 45-72.	0.9	16
118	On the G protein-coupling selectivity of the native A2B adenosine receptor. Biochemical Pharmacology, 2018, 151, 201-213.	4.4	36
119	Structure activity relationship of 2-arylalkynyl-adenine derivatives as human A₃ adenosine receptor antagonists. MedChemComm, 2018, 9, 1920-1932.	3.4	6
120	Probing structure-activity relationship in Î²-arrestin2 recruitment of diversely substituted adenosine derivatives. Biochemical Pharmacology, 2018, 158, 103-113.	4.4	13
121	Repurposing of a Nucleoside Scaffold from Adenosine Receptor Agonists to Opioid Receptor Antagonists. ACS Omega, 2018, 3, 12658-12678.	3.5	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.	6.4	21
123	Salvianolic acids from antithrombotic Traditional Chinese Medicine Danshen are antagonists of human P2Y1 and P2Y12 receptors. Scientific Reports, 2018, 8, 8084.	3.3	20
124	Structure-Guided Modification of Heterocyclic Antagonists of the P2Y₁₄ Receptor. Journal of Medicinal Chemistry, 2018, 61, 4860-4882.	6.4	32
125	Thermostabilization and purification of the human dopamine transporter (hDAT) in an inhibitor and allosteric ligand bound conformation. PLoS ONE, 2018, 13, e0200085.	2.5	18
126	Activation of basal forebrain purinergic P2 receptors promotes wakefulness in mice. Scientific Reports, 2018, 8, 10730.	3.3	8

#	Article	IF	Citations
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.	9.9	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.	13.7	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.	0.6	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.	6.4	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.	4.1	60
136	Highly selective A3 adenosine receptor agonists relieve chronic neuropathic pain. Expert Opinion on Therapeutic Patents, 2017, 27, 967-967.	5.0	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.	6.4	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.	6.4	18
139	Pyrimidine nucleotides containing a (S)-methanocarba ring as P2Y₆ receptor agonists. MedChemComm, 2017, 8, 1897-1908.	3.4	16
140	Distinct Signaling Patterns of Allosteric Antagonism at the P2Y₁ Receptor. Molecular Pharmacology, 2017, 92, 613-626.	2.3	24
141	(192) Targeting A3 adenosine receptor in HIV-1 gp120-induced neuropathic pain. Journal of Pain, 2017, 18, S24.	1.4	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.	1.4	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.	6.4	29
144	Polypharmacology of conformationally locked methanocarba nucleosides. Drug Discovery Today, 2017, 22, 1782-1791.	6.4	16

#	Article	IF	Citations
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.	3.3	44
146	Demystifying P2Y₁ Receptor Ligand Recognition through Docking and Molecular Dynamics Analyses. Journal of Chemical Information and Modeling, 2017, 57, 3104-3123.	5.4	20
147	Purinergic drug targets for gastrointestinal disorders. Current Opinion in Pharmacology, 2017, 37, 131-141.	3.5	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.	3.4	15
149	Purinergic Signaling in Mast Cell Degranulation and Asthma. Frontiers in Pharmacology, 2017, 8, 947.	3.5	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.	3.8	30
152	Inherited dysfunctional platelet P2Y12 receptor mutations associated with bleeding disorders. Hamostaseologie, 2016, 36, 279-283.	1.9	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.	6.4	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.	4.4	40
155	Identification of A₃ adenosine receptor agonists as novel nonâ€narcotic analgesics. British Journal of Pharmacology, 2016, 173, 1253-1267.	5.4	55
156	Ocular Purine Receptors as Drug Targets in the Eye. Journal of Ocular Pharmacology and Therapeutics, 2016, 32, 534-547.	1.4	44
157	Structure-Based Screening of Uncharted Chemical Space for Atypical Adenosine Receptor Agonists. ACS Chemical Biology, 2016, 11, 2763-2772.	3.4	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.	6.4	41
159	UDP-glucose promotes neutrophil recruitment in the lung. Purinergic Signalling, 2016, 12, 627-635.	2.2	47
160	Structure-Activity Analysis of Biased Agonism at the Human Adenosine A₃ Receptor. Molecular Pharmacology, 2016, 90, 12-22.	2.3	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.	6.4	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.	2.5	22

#	Article	IF	Citations
163	Characterization of polyamidoamino (PAMAM) dendrimers using in-line reversed phase LC electrospray ionization mass spectrometry. Analytical Methods, 2016, 8, 263-269.	2.7	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.	6.4	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.	2.5	13
166	Medicinal chemistry of adenosine, P2Y and P2X receptors. Neuropharmacology, 2016, 104, 31-49.	4.1	213
167	P2Y14 Receptor. , 2016, , 1-5.		0
168	The Concise Guide to PHARMACOLOGY 2015/16: Overview. British Journal of Pharmacology, 2015, 172, 5729-5743.	5.4	220
169	The Concise Guide to PHARMACOLOGY 2015/16: G proteinâ€coupled receptors. British Journal of Pharmacology, 2015, 172, 5744-5869.	5.4	507
170	Identification of a new dysfunctional platelet P2Y12 receptor variant associated with bleeding diathesis. Blood, 2015, 125, 1006-1013.	1.4	36
171	Correction: Ford et al., Engagement of the GABA to KCC2 Signaling Pathway Contributes to the Analgesic Effects of A3AR Agonists in Neuropathic Pain. Journal of Neuroscience, 2015, 35, 8971-8971.	3.6	0
172	Renal Intercalated Cells Sense and Mediate Inflammation via the P2Y14 Receptor. PLoS ONE, 2015, 10, e0121419.	2.5	72
173	A Key Opinion Leader interview: insight into the research and career of Dr KA Jacobson. Expert Opinion on Therapeutic Patents, 2015, 25, 125-129.	5.0	0
174	Engagement of the GABA to KCC2 Signaling Pathway Contributes to the Analgesic Effects of A₃AR Agonists in Neuropathic Pain. Journal of Neuroscience, 2015, 35, 6057-6067.	3.6	68
175	Rigidified A3 Adenosine Receptor Agonists: 1-Deazaadenine Modification Maintains High in Vivo Efficacy. ACS Medicinal Chemistry Letters, 2015, 6, 804-808.	2.8	19
176	Endogenous adenosine A3 receptor activation selectively alleviates persistent pain states. Brain, 2015, 138, 28-35.	7.6	120
177	Molecular Docking Screening Using Agonist-Bound GPCR Structures: Probing the A_{2A} Adenosine Receptor. Journal of Chemical Information and Modeling, 2015, 55, 550-563.	5.4	65
178	P2X4 receptorâ€“eNOS signaling pathway in cardiac myocytes as a novel protective mechanism in heart failure. Computational and Structural Biotechnology Journal, 2015, 13, 1-7.	4.1	18
179	Structure-based design, synthesis by click chemistry and in vivo activity of highly selective A₃ adenosine receptor agonists. MedChemComm, 2015, 6, 555-563.	3.4	18
180	Lighting up G protein-coupled purinergic receptors with engineered fluorescent ligands. Neuropharmacology, 2015, 98, 58-67.	4.1	20

#	Article	IF	Citations
181	Metabolic mapping of A3 adenosine receptor agonist MRS5980. Biochemical Pharmacology, 2015, 97, 215-223.	4.4	13
182	Increased Signaling via Adenosine A1 Receptors, Sleep Deprivation, Imipramine, and Ketamine Inhibit Depressive-like Behavior via Induction of Homer1a. Neuron, 2015, 87, 549-562.	8.1	168
183	Efficient, large-scale synthesis and preclinical studies of MRS5698, a highly selective A3 adenosine receptor agonist that protects against chronic neuropathic pain. Purinergic Signalling, 2015, 11, 371-387.	2.2	45
184	Modeling ligand recognition at the P2Y12 receptor in light of X-ray structural information. Journal of Computer-Aided Molecular Design, 2015, 29, 737-756.	2.9	42
185	Two disparate ligand-binding sites in the human P2Y1 receptor. Nature, 2015, 520, 317-321.	27.8	305
186	Nucleotides Acting at P2Y Receptors: Connecting Structure and Function. Molecular Pharmacology, 2015, 88, 220-230.	2.3	86
187	Molecular modeling of the human P2Y14 receptor: A template for structure-based design of selective agonist ligands. Bioorganic and Medicinal Chemistry, 2015, 23, 4056-4064.	3.0	24
188	New paradigms in GPCR drug discovery. Biochemical Pharmacology, 2015, 98, 541-555.	4.4	152
189	Design, synthesis, pharmacological characterization of a fluorescent agonist of the P2Y 14 receptor. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4733-4739.	2.2	22
190	John Daly Lecture: Structure-guided Drug Design for Adenosine and P2Y Receptors. Computational and Structural Biotechnology Journal, 2015, 13, 286-298.	4.1	17
191	Spinal neuroimmune activation is independent of T-cell infiltration and attenuated by A3 adenosine receptor agonists in a model of oxaliplatin-induced peripheral neuropathy. Brain, Behavior, and Immunity, 2015, 44, 91-99.	4.1	114
192	Structural Probing of Off-Target G Protein-Coupled Receptor Activities within a Series of Adenosine/Adenine Congeners. PLoS ONE, 2014, 9, e97858.	2.5	20
193	A3Adenosine Receptor Allosteric Modulator Induces an Anti-Inflammatory Effect:In VivoStudies and Molecular Mechanism of Action. Mediators of Inflammation, 2014, 2014, 1-8.	3.0	27
194	Exploring a 2-Naphthoic Acid Template for the Structure-Based Design of P2Y₁₄ Receptor Antagonist Molecular Probes. ACS Chemical Biology, 2014, 9, 2833-2842.	3.4	38
195	A3 adenosine receptor agonist prevents the development of paclitaxel-induced neuropathic pain by modulating spinal glial-restricted redox-dependent signaling pathways. Pain, 2014, 155, 2560-2567.	4.2	93
196	Computational studies to predict or explain G protein coupled receptor polypharmacology. Trends in Pharmacological Sciences, 2014, 35, 658-663.	8.7	29
197	In Vivo Phenotypic Screening for Treating Chronic Neuropathic Pain: Modification of C2-Arylethynyl Group of Conformationally Constrained A₃ Adenosine Receptor Agonists. Journal of Medicinal Chemistry, 2014, 57, 9901-9914.	6.4	48
198	Potential for Developing Purinergic Drugs for Gastrointestinal Diseases. Inflammatory Bowel Diseases, 2014, 20, 1259-1287.	1.9	47

#	Article	IF	Citations
199	Enhancement of Glucose Uptake in Mouse Skeletal Muscle Cells and Adipocytes by P2Y6 Receptor Agonists. PLoS ONE, 2014, 9, e116203.	2.5	37
200	Structure of the human P2Y12 receptor in complex with an antithrombotic drug. Nature, 2014, 509, 115-118.	27.8	330
201	Portraying G Protein-Coupled Receptors with Fluorescent Ligands. ACS Chemical Biology, 2014, 9, 1918-1928.	3.4	30
202	Programmable Nanoscaffolds That Control Ligand Display to a G-Protein-Coupled Receptor in Membranes To Allow Dissection of Multivalent Effects. Journal of the American Chemical Society, 2014, 136, 12296-12303.	13.7	25
203	Uncovering Caffeineâ€™s Adenosine A_{2A} Receptor Inverse Agonism in Experimental Parkinsonism. ACS Chemical Biology, 2014, 9, 2496-2501.	3.4	37
204	Synthesis and Anti-Renal Fibrosis Activity of Conformationally Locked Truncated 2-Hexynyl-N⁶-Substituted-(N)-Methanocarba-nucleosides as A₃ Adenosine Receptor Antagonists and Partial Agonists. Journal of Medicinal Chemistry, 2014, 57, 1344-1354.	6.4	22
205	Structure-Based Design of Reactive Nucleosides for Site-Specific Modification of the A_{2A} Adenosine Receptor. ACS Medicinal Chemistry Letters, 2014, 5, 1043-1048.	2.8	15
206	Photomodulation of G Protein-Coupled Adenosine Receptors by a Novel Light-Switchable Ligand. Bioconjugate Chemistry, 2014, 25, 1847-1854.	3.6	44
207	Extended N6 substitution of rigid C2-arylethynyl nucleosides for exploring the role of extracellular loops in ligand recognition at the A3 adenosine receptor. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3302-3306.	2.2	7
208	The role of activated adenosine receptors in degranulation of human LAD2 mast cells. Purinergic Signalling, 2014, 10, 465-475.	2.2	30
209	Rapid Synthesis of Alkoxyamine Hydrochloride Derivatives from Alkyl Bromide and N,Nâ€²-Di-tert-butoxycarbonylhydroxylamine [(Boc)₂NOH]. Synthetic Communications, 2014, 44, 2344-2347.	2.1	8
210	Novel Protective Role of Endogenous Cardiac Myocyte P2X4 Receptors in Heart Failure. Circulation: Heart Failure, 2014, 7, 510-518.	3.9	31
211	4-Alkyloxyimino Derivatives of Uridine-5â€²-triphosphate: Distal Modification of Potent Agonists as a Strategy for Molecular Probes of P2Y₂, P2Y₄, and P2Y₆ Receptors. Journal of Medicinal Chemistry, 2014, 57, 3874-3883.	6.4	17
212	Agonist-bound structure of the human P2Y12 receptor. Nature, 2014, 509, 119-122.	27.8	279
213	Synthesis and evaluation of N6-substituted apioadenosines as potential adenosine A3 receptor modulators. Bioorganic and Medicinal Chemistry, 2014, 22, 4257-4268.	3.0	5
214	Probing biased/partial agonism at the G protein-coupled A2B adenosine receptor. Biochemical Pharmacology, 2014, 90, 297-306.	4.4	34
215	History of Chemistry in the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). Bulletin for the History of Chemistry, 2014, 39, 150-165.	0.0	1
216	Probing GPCR Structure. Methods in Enzymology, 2013, 520, 199-217.	1.0	4

#	Article	IF	Citations
217	P2Y2 receptor agonist with enhanced stability protects the heart from ischemic damage in vitro and in vivo. Purinergic Signalling, 2013, 9, 633-642.	2.2	34
218	A2B adenosine receptor blockade inhibits growth of prostate cancer cells. Purinergic Signalling, 2013, 9, 271-280.	2.2	86
219	The role of P2Y14 and other P2Y receptors in degranulation of human LAD2 mast cells. Purinergic Signalling, 2013, 9, 31-40.	2.2	46
220	Allosteric modulation and functional selectivity of G protein-coupled receptors. Drug Discovery Today: Technologies, 2013, 10, e237-e243.	4.0	47
221	Crystal structures of the A2A adenosine receptor and their use in medicinal chemistry. In Silico Pharmacology, 2013, 1, 22.	3.3	8
222	AMP-activated protein kinase as regulator of P2Y6 receptor-induced insulin secretion in mouse pancreatic Î²-cells. Biochemical Pharmacology, 2013, 85, 991-998.	4.4	14
223	Additions and corrections and MedChemWatch Issue 19. MedChemComm, 2013, 4, 1623.	3.4	0
224	4-Alkyloxyimino-cytosine nucleotides: tethering approaches to molecular probes for the P2Y6 receptor. MedChemComm, 2013, 4, 1156.	3.4	10
225	Modulation of G protein-coupled adenosine receptors by strategically functionalized agonists and antagonists immobilized on gold nanoparticles. Purinergic Signalling, 2013, 9, 183-198.	2.2	10
226	Methanocarba ring as a ribose modification in ligands of G protein-coupled purine and pyrimidine receptors: synthetic approaches. MedChemComm, 2013, 4, 619.	3.4	8
227	Fluorescent ligands for adenosine receptors. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 26-36.	2.2	28
228	Structure-Based Approaches to Ligands for G-Protein-Coupled Adenosine and P2Y Receptors, from Small Molecules to Nanoconjugates. Journal of Medicinal Chemistry, 2013, 56, 3749-3767.	6.4	31
229	Characterization by flow cytometry of fluorescent, selective agonist probes of the A3 adenosine receptor. Biochemical Pharmacology, 2013, 85, 1171-1181.	4.4	17
230	Rational Design of Sulfonated A₃ Adenosine Receptor-Selective Nucleosides as Pharmacological Tools To Study Chronic Neuropathic Pain. Journal of Medicinal Chemistry, 2013, 56, 5949-5963.	6.4	44
231	5â€²-Phosphate and 5â€²-Phosphonate Ester Derivatives of (N)-Methanocarba Adenosine with in Vivo Cardioprotective Activity. Journal of Medicinal Chemistry, 2013, 56, 902-914.	6.4	98
232	Dopamine D2 receptor-mediated modulation of adenosine A2A receptor agonist binding within the A2AR/D2R oligomer framework. Neurochemistry International, 2013, 63, 42-46.	3.8	24
233	A Selective High-Affinity Antagonist of the P2Y₁₄ Receptor Inhibits UDP-Glucoseâ€“Stimulated Chemotaxis of Human Neutrophils. Molecular Pharmacology, 2013, 84, 41-49.	2.3	89
234	Reply to: â€˜The discovery of a new class of synaptic transmitters in smooth muscle fifty years ago and amelioration of coronary artery thrombosisâ€™. Acta Physiologica, 2013, 208, 139-140.	3.8	1

#	Article	IF	Citations
235	The Therapeutic Effect of 2-Cyclohexylthio-AMP in Heart Failure. Journal of Cardiovascular Pharmacology, 2013, 61, 553-559.	1.9	0
236	Protection from Myocardial Ischemia/Reperfusion Injury by a Positive Allosteric Modulator of the A₃ Adenosine Receptor. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 210-217.	2.5	29
237	Controlling murine and rat chronic pain through A ₃ adenosine receptor activation. FASEB Journal, 2012, 26, 1855-1865.	0.5	99
238	Limits of Ligand Selectivity from Docking to Models: In Silico Screening for A1 Adenosine Receptor Antagonists. PLoS ONE, 2012, 7, e49910.	2.5	50
239	Virtual screening leads to the discovery of novel non-nucleotide P2Y1 receptor antagonists. Bioorganic and Medicinal Chemistry, 2012, 20, 5254-5261.	3.0	24
240	New Insights for Drug Design from the X-Ray Crystallographic Structures of G-Protein-Coupled Receptors. Molecular Pharmacology, 2012, 82, 361-371.	2.3	77
241	Structural Sweet Spot for A₁ Adenosine Receptor Activation by Truncated (N)-Methanocarba Nucleosides: Receptor Docking and Potent Anticonvulsant Activity. Journal of Medicinal Chemistry, 2012, 55, 8075-8090.	6.4	45
242	Click Modification in the N6 Region of A3 Adenosine Receptor-Selective Carbocyclic Nucleosides for Dendrimeric Tethering that Preserves Pharmacophore Recognition. Bioconjugate Chemistry, 2012, 23, 232-247.	3.6	9
243	Structureâ€“Activity Relationships and Molecular Modeling of 1,2,4-Triazoles as Adenosine Receptor Antagonists. ACS Medicinal Chemistry Letters, 2012, 3, 715-720.	2.8	17
244	Molecular structure of P2Y receptors: mutagenesis, modeling, and chemical probes. Environmental Sciences Europe, 2012, 1, 815-827.	5.5	23
245	Molecular determinants of A_{2A}Râ€“D₂R allosterism: role of the intracellular loop 3 of the D₂R. Journal of Neurochemistry, 2012, 123, 373-384.	3.9	53
246	Anti-ischemic effects of multivalent dendrimeric A3 adenosine receptor agonists in cultured cardiomyocytes and in the isolated rat heart. Pharmacological Research, 2012, 65, 338-346.	7.1	19
247	Truncated Nucleosides as A₃ Adenosine Receptor Ligands: Combined 2-Arylethynyl and Bicyclohexane Substitutions. ACS Medicinal Chemistry Letters, 2012, 3, 596-601.	2.8	18
248	Small Molecule Positive Allosteric Modulation of TRPV1 Activation by Vanilloids and Acidic pH. Journal of Pharmacology and Experimental Therapeutics, 2012, 340, 152-160.	2.5	44
249	Farnesyl pyrophosphate is an endogenous antagonist to ADP-stimulated P2Y12 receptor-mediated platelet aggregation. Thrombosis and Haemostasis, 2012, 108, 119-132.	3.4	10
250	Optimization of Adenosine 5â€²-Carboxamide Derivatives as Adenosine Receptor Agonists Using Structure-Based Ligand Design and Fragment Screening. Journal of Medicinal Chemistry, 2012, 55, 4297-4308.	6.4	57
251	Evaluation of Molecular Modeling of Agonist Binding in Light of the Crystallographic Structure of an Agonist-Bound A2A Adenosine Receptor. Journal of Medicinal Chemistry, 2012, 55, 538-552.	6.4	36
252	Structureâ€“Activity Relationships of Truncated C2- or C8-Substituted Adenosine Derivatives as Dual Acting A_{2A} and A₃ Adenosine Receptor Ligands. Journal of Medicinal Chemistry, 2012, 55, 342-356.	6.4	38

#	Article	IF	Citations
253	Structure-Guided Design of A₃ Adenosine Receptor-Selective Nucleosides: Combination of 2-Arylethynyl and Bicyclo[3.1.0]hexane Substitutions. Journal of Medicinal Chemistry, 2012, 55, 4847-4860.	6.4	76
254	G protein-coupled adenosine (P1) and P2Y receptors: ligand design and receptor interactions. Purinergic Signalling, 2012, 8, 419-436.	2.2	78
255	Pharmacological and therapeutic effects of A3 adenosine receptor agonists. Drug Discovery Today, 2012, 17, 359-366.	6.4	193
256	Novel fluorescent antagonist as a molecular probe in A3 adenosine receptor binding assays using flow cytometry. Biochemical Pharmacology, 2012, 83, 1552-1561.	4.4	33
257	Synthesis and P2Y2 receptor agonist activities of uridine 5â€²-phosphonate analogues. Bioorganic and Medicinal Chemistry, 2012, 20, 2304-2315.	3.0	14
258	Structure and Function of G Protein-Coupled Receptors Studied Using Sequence Analysis, Molecular Modeling and Receptor Engineeri. , 2012, , 63-79.		3
259	GPCR Ligand Dendrimer (GLiDe) Conjugates: Adenosine Receptor Interactions of a Series of Multivalent Xanthine Antagonists. Bioconjugate Chemistry, 2011, 22, 1115-1127.	3.6	28
260	International Union of Basic and Clinical Pharmacology. LXXXI. Nomenclature and Classification of Adenosine Receptorsâ€"An Update. Pharmacological Reviews, 2011, 63, 1-34.	16.0	1,135
261	Truncated (N)-Methanocarba Nucleosides as A1 Adenosine Receptor Agonists and Partial Agonists: Overcoming Lack of a Recognition Element. ACS Medicinal Chemistry Letters, 2011, 2, 626-631.	2.8	15
262	Xanthines as Adenosine Receptor Antagonists. Handbook of Experimental Pharmacology, 2011, , 151-199.	1.8	107
263	Pyrimidine Nucleotides with 4-Alkyloxyimino and Terminal Tetraphosphate Î´-Ester Modifications as Selective Agonists of the P2Y₄ Receptor. Journal of Medicinal Chemistry, 2011, 54, 4018-4033.	6.4	52
264	Recent developments in adenosine receptor ligands and their potential as novel drugs. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1290-1308.	2.6	375
265	Striatal adenosine A2A receptor-mediated positron emission tomographic imaging in 6-hydroxydopamine-lesioned rats using [18F]-MRS5425. Nuclear Medicine and Biology, 2011, 38, 897-906.	0.6	29
266	Synthesis and Biological Evaluation of a New Series of 1,2,4-Triazolo[1,5-a]-1,3,5-triazines as Human A_{2A} Adenosine Receptor Antagonists with Improved Water Solubility. Journal of Medicinal Chemistry, 2011, 54, 877-889.	6.4	30
267	Regio- and stereoselective synthesis of truncated 3â€²-aminocarbanucleosides and their binding affinity at the A3 adenosine receptor. Organic and Biomolecular Chemistry, 2011, 9, 6955.	2.8	7
268	Structure of an Agonist-Bound Human A _{2A} Adenosine Receptor. Science, 2011, 332, 322-327.	12.6	783
269	Polyamidoamine (PAMAM) dendrimer conjugate specifically activates the A3 adenosine receptor to improve post-ischemic/reperfusion function in isolated mouse hearts. BMC Pharmacology, 2011, 11, 11.	0.4	20
270	Activation of the P2Y1 receptor induces apoptosis and inhibits proliferation of prostate cancer cells. Biochemical Pharmacology, 2011, 82, 418-425.	4.4	39

#	Article	IF	Citations
271	Functionally biased modulation of A3 adenosine receptor agonist efficacy and potency by imidazoquinolinamine allosteric enhancers. Biochemical Pharmacology, 2011, 82, 658-668.	4.4	61
272	Emerging adenosine receptor agonists â€“ an update. Expert Opinion on Emerging Drugs, 2011, 16, 597-602.	2.4	39
273	Comparison of three GPCR structural templates for modeling of the P2Y12 nucleotide receptor. Journal of Computer-Aided Molecular Design, 2011, 25, 329-338.	2.9	33
274	Pharmacochemistry of the platelet purinergic receptors. Purinergic Signalling, 2011, 7, 305-324.	2.2	44
275	Predicted structures of agonist and antagonist bound complexes of adenosine A₃ receptor. Proteins: Structure, Function and Bioinformatics, 2011, 79, 1878-1897.	2.6	30
276	CF102 an A₃ adenosine receptor agonist mediates antiâ€tumor and antiâ€inflammatory effects in the liver. Journal of Cellular Physiology, 2011, 226, 2438-2447.	4.1	68
277	Molecular probes for the A2A adenosine receptor based on a pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidin-5-amine scaffold. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2740-2745.	2.2	26
278	Preface. Advances in Pharmacology, 2011, 61, xv-xvi.	2.0	2
279	Allosteric Modulation of Purine and Pyrimidine Receptors. Advances in Pharmacology, 2011, 61, 187-220.	2.0	31
280	Synthesis and Binding Affinity of Homologated Adenosine Analogues as A3Adenosine Receptor Ligands. Bulletin of the Korean Chemical Society, 2011, 32, 1620-1624.	1.9	9
281	Design, synthesis, and binding of homologated truncated 4â€²-thioadenosine derivatives at the human A3 adenosine receptors. Bioorganic and Medicinal Chemistry, 2010, 18, 7015-7021.	3.0	13
282	P2Y nucleotide receptors: promise of therapeutic applications. Drug Discovery Today, 2010, 15, 570-578.	6.4	132
283	UDP-glucose acting at P2Y14 receptors is a mediator of mast cell degranulation. Biochemical Pharmacology, 2010, 79, 873-879.	4.4	68
284	Synthesis and pharmacological characterization of [125I]MRS5127, a high affinity, selective agonist radioligand for the A3 adenosine receptor. Biochemical Pharmacology, 2010, 79, 967-973.	4.4	21
285	Activation of distinct P2Y receptor subtypes stimulates insulin secretion in MIN6 mouse pancreatic Î² cells. Biochemical Pharmacology, 2010, 79, 1317-1326.	4.4	34
286	Multivalent dendrimeric and monomeric adenosine agonists attenuate cell death in HL-1 mouse cardiomyocytes expressing the A3 receptor. Biochemical Pharmacology, 2010, 80, 188-196.	4.4	13
287	Novel Alexa Fluor-488 labeled antagonist of the A2A adenosine receptor: Application to a fluorescence polarization-based receptor binding assay. Biochemical Pharmacology, 2010, 80, 506-511.	4.4	46
288	2-Dialkynyl derivatives of (N)-methanocarba nucleosides: â€˜Clickableâ€™ A3 adenosine receptor-selective agonists. Bioorganic and Medicinal Chemistry, 2010, 18, 508-517.	3.0	25

#	Article	IF	Citations
289	Synthesis and pharmacological characterization of a new series of 5,7-disubstituted-[1,2,4]triazolo[1,5-a][1,3,5]triazine derivatives as adenosine receptor antagonists: A preliminary inspection of ligandâ€“receptor recognition process. Bioorganic and Medicinal Chemistry, 2010, 18, 2524-2536.	3.0	29
290	Synthesis and evaluation of 1,2,4-triazolo[1,5-c]pyrimidine derivatives as A2A receptor-selective antagonists. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5690-5694.	2.2	23
291	Nucleoside conjugates of quantum dots for characterization of G protein-coupled receptors: strategies for immobilizing A2A adenosine receptor agonists. Journal of Nanobiotechnology, 2010, 8, 11.	9.1	14
292	Adenine nucleotide control of coronary blood flow during exercise. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H1981-H1989.	3.2	45
293	Treatment of Heart Failure by a Methanocarba Derivative of Adenosine Monophosphate: Implication for a Role of Cardiac Purinergic P2X Receptors. Journal of Pharmacology and Experimental Therapeutics, 2010, 333, 920-928.	2.5	21
294	Discovery of A New Human A_{2A} Adenosine Receptor Agonist, Truncated 2-Hexynyl-4â€²-thioadenosine. ACS Medicinal Chemistry Letters, 2010, 1, 516-520.	2.8	14
295	Polyamidoamine (PAMAM) Dendrimer Conjugates of â€œClickableâ€•Agonists of the A₃ Adenosine Receptor and Coactivation of the P2Y₁₄ Receptor by a Tethered Nucleotide. Bioconjugate Chemistry, 2010, 21, 372-384.	3.6	43
296	Quantification of recombinant and platelet P2Y1 receptors utilizing a [125I]-labeled high-affinity antagonist 2-iodo-N6-methyl-(N)-methanocarba-2â€²-deoxyadenosine-3â€²,5â€²-bisphosphate ([125I]MRS2500). Pharmacological Research, 2010, 62, 344-351.	7.1	32
297	P2Y13 receptor is responsible for ADP-mediated degranulation in RBL-2H3 rat mast cells. Pharmacological Research, 2010, 62, 500-505.	7.1	35
298	Functionalized Congeners of P2Y₁ Receptor Antagonists: 2-Alkynyl (N)-Methanocarba 2â€²-Deoxyadenosine 3â€²,5â€²-Bisphosphate Analogues and Conjugation to a Polyamidoamine (PAMAM) Dendrimer Carrier. Bioconjugate Chemistry, 2010, 21, 1190-1205.	3.6	20
299	Pyrimidine Ribonucleotides with Enhanced Selectivity as P2Y₆ Receptor Agonists: Novel 4-Alkyloxyimino, (S)-Methanocarba, and 5â€²-Triphosphate Î³-Ester Modifications. Journal of Medicinal Chemistry, 2010, 53, 4488-4501.	6.4	31
300	The A3 adenosine receptor attenuates the calcium rise triggered by NMDA receptors in retinal ganglion cells. Neurochemistry International, 2010, 56, 35-41.	3.8	47
301	Nucleoside-derived antagonists to A3 adenosine receptors lower mouse intraocular pressure and act across species. Experimental Eye Research, 2010, 90, 146-154.	2.6	34
302	Stimulation of the P2X7 receptor kills rat retinal ganglion cells in vivo. Experimental Eye Research, 2010, 91, 425-432.	2.6	93
303	Treatment of Dry Eye Syndrome with Orally Administered CF101. Ophthalmology, 2010, 117, 1287-1293.	5.2	78
304	GPCR ligandâ€“dendrimer (GLiDe) conjugates: future smart drugs?. Trends in Pharmacological Sciences, 2010, 31, 575-579.	8.7	17
305	Structure-Based Discovery of A_{2A}Adenosine Receptor Ligands. Journal of Medicinal Chemistry, 2010, 53, 3748-3755.	6.4	212
306	Structureâ^'Activity Relationship of (N)-Methanocarba Phosphonate Analogues of 5â€²-AMP as Cardioprotective Agents Acting Through a Cardiac P2X Receptor. Journal of Medicinal Chemistry, 2010, 53, 2562-2576.	6.4	75

#	Article	IF	Citations
307	Human P2Y₁₄ Receptor Agonists: Truncation of the Hexose Moiety of Uridine-5â€²-Diphosphoglucose and Its Replacement with Alkyl and Aryl Groups. Journal of Medicinal Chemistry, 2010, 53, 471-480.	6.4	42
308	Dexamethasone Enhances ATP-Induced Inflammatory Responses in Endothelial Cells. Journal of Pharmacology and Experimental Therapeutics, 2010, 335, 693-702.	2.5	49
309	Adenosine A3 Receptors in Muscle Protection. , 2010, , 257-280.		11
310	A3 Adenosine Receptor Agonists: History and Future Perspectives. , 2010, , 93-120.		2
311	Molecular Modeling and Reengineering of A3 Adenosine Receptors. , 2010, , 149-161.		0
312	Involvement of UTP in protection of cardiomyocytes from hypoxic stressThis article is one of a selection of papers from the NATO Advanced Research Workshop on Translational Knowledge for Heart Health (published in part 2 of a 2-part Special Issue).. Canadian Journal of Physiology and Pharmacology, 2009, 87, 287-299.	1.4	17
313	Quantification of G_i-Mediated Inhibition of Adenylyl Cyclase Activity Reveals That UDP Is a Potent Agonist of the Human P2Y₁₄ Receptor. Molecular Pharmacology, 2009, 76, 1341-1348.	2.3	76
314	Small molecule blockers of the Alzheimer AÎ² calcium channel potently protect neurons from AÎ² cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3348-3353.	7.1	108
315	Design and synthesis of N6-substituted-4â€²-thioadenosine-5â€²-uronamides as potent and selective human A3 adenosine receptor agonists. Bioorganic and Medicinal Chemistry, 2009, 17, 8003-8011.	3.0	16
316	Ligand and structure-based methodologies for the prediction of the activity of G protein-coupled receptor ligands. Journal of Computer-Aided Molecular Design, 2009, 23, 747-754.	2.9	26
317	Development of selective agonists and antagonists of P2Y receptors. Purinergic Signalling, 2009, 5, 75-89.	2.2	101
318	Synthesis and pharmacological characterization of [125I]MRS1898, a high-affinity, selective radioligand for the rat A3 adenosine receptor. Purinergic Signalling, 2009, 5, 31-37.	2.2	14
319	Application of the functionalized congener approach to dendrimer-based signaling agents acting through A2A adenosine receptors. Purinergic Signalling, 2009, 5, 39-50.	2.2	13
320	Preface: special issue on medicinal chemistry of purines. Purinergic Signalling, 2009, 5, 1-1.	2.2	2
321	Synthesis and P2Y receptor activity of nucleoside 5â€²-phosphonate derivatives. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 3002-3005.	2.2	20
322	Structureâ€“activity relationships of truncated adenosine derivatives as highly potent and selective human A3 adenosine receptor antagonists. Bioorganic and Medicinal Chemistry, 2009, 17, 3733-3738.	3.0	18
323	Molecular recognition in the P2Y14 receptor: Probing the structurally permissive terminal sugar moiety of uridine-5â€²-diphosphoglucose. Bioorganic and Medicinal Chemistry, 2009, 17, 5298-5311.	3.0	34
324	Introduction to Adenosine Receptors as Therapeutic Targets. Handbook of Experimental Pharmacology, 2009, , 1-24.	1.8	89

#	Article	IF	Citations
325	Functionalized Congeners of A3Adenosine Receptor-Selective Nucleosides Containing a Bicyclo[3.1.0]hexane Ring Systemâ€. Journal of Medicinal Chemistry, 2009, 52, 7580-7592.	6.4	42
326	Enhanced Potency of Nucleotideâ^'Dendrimer Conjugates as Agonists of the P2Y14 Receptor: Multivalent Effect in G Protein-Coupled Receptor Recognition. Bioconjugate Chemistry, 2009, 20, 1650-1659.	3.6	22
327	PEGylated Dendritic Unimolecular Micelles as Versatile Carriers for Ligands of G Protein-Coupled Receptors. Bioconjugate Chemistry, 2009, 20, 1888-1898.	3.6	33
328	Functionalized Congener Approach to the Design of Ligands for G Protein-Coupled Receptors (GPCRs). Bioconjugate Chemistry, 2009, 20, 1816-1835.	3.6	46
329	Synthesis and characterization of [76Br]-labeled high-affinity A3 adenosine receptor ligands for positron emission tomography. Nuclear Medicine and Biology, 2009, 36, 3-10.	0.6	28
330	Evaluation of Homology Modeling of G-Protein-Coupled Receptors in Light of the A_{2A} Adenosine Receptor Crystallographic Structure. Journal of Medicinal Chemistry, 2009, 52, 3284-3292.	6.4	90
331	Novel 2- and 4-Substituted 1H-Imidazo[4,5-c]quinolin-4-amine Derivatives as Allosteric Modulators of the A₃ Adenosine Receptor. Journal of Medicinal Chemistry, 2009, 52, 2098-2108.	6.4	37
332	Adenosine Receptors: The Contributions by John W. Daly. Heterocycles, 2009, 79, 73.	0.7	9
333	Rhodopsin and the Others: A Historical Perspective on Structural Studies of G Protein-Coupled Receptors. Current Pharmaceutical Design, 2009, 15, 3994-4002.	1.9	65
334	Medicinal Chemistry of the A3 Adenosine Receptor: Agonists, Antagonists, and Receptor Engineering. Handbook of Experimental Pharmacology, 2009, , 123-159.	1.8	47
335	Nucleoside-based A3 adenosine receptor antagonists as drug candidates. Drugs of the Future, 2009, 34, 43.	0.1	7
336	John W. Daly â€“ An Appreciation. Heterocycles, 2009, 79, 61.	0.7	2
337	Evidence for the possible involvement of the P2Y6 receptor in Ca2+ mobilization and insulin secretion in mouse pancreatic islets. Purinergic Signalling, 2008, 4, 365-375.	2.2	26
338	Flexible modulation of agonist efficacy at the human A3 adenosine receptor by the imidazoquinoline allosteric enhancer LUF6000. BMC Pharmacology, 2008, 8, 20.	0.4	39
339	Enhanced A3 adenosine receptor selectivity of multivalent nucleoside-dendrimer conjugates. Journal of Nanobiotechnology, 2008, 6, 12.	9.1	18
340	Synthesis and potency of novel uracil nucleotides and derivatives as P2Y2 and P2Y6 receptor agonists. Bioorganic and Medicinal Chemistry, 2008, 16, 6319-6332.	3.0	74
341	Selective A3 adenosine receptor antagonists derived from nucleosides containing a bicyclo[3.1.0]hexane ring system. Bioorganic and Medicinal Chemistry, 2008, 16, 8546-8556.	3.0	35
342	Structureâ€“activity relationships of 1,4-dihydropyridines that act as enhancers of the vanilloid receptor 1 (TRPV1). Bioorganic and Medicinal Chemistry, 2008, 16, 9349-9358.	3.0	33

#	Article	IF	Citations
343	Synthesis and structureâ€“activity relationship studies of tyrosine-based antagonists at the human P2X7 receptor. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 571-575.	2.2	17
344	Structureâ€“activity relationships of 2-chloro-N6-substituted-4â€²-thioadenosine-5â€²-N,N-dialkyluronamides as human A3 adenosine receptor antagonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 1612-1616.	2.2	18
345	Design of (N)-methanocarba adenosine 5â€²-uronamides as species-independent A3 receptor-selective agonists. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 2813-2819.	2.2	43
346	Molecular modeling of a PAMAM-CGS21680 dendrimer bound to an A2A adenosine receptor homodimer. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4312-4315.	2.2	36
347	Caged agonist of P2Y1 and P2Y12 receptors for light-directed facilitation of platelet aggregation. Biochemical Pharmacology, 2008, 75, 1341-1347.	4.4	11
348	The A3 adenosine receptor agonist CF502 inhibits the PI3K, PKB/Akt and NF-ÎºB signaling pathway in synoviocytes from rheumatoid arthritis patients and in adjuvant-induced arthritis rats. Biochemical Pharmacology, 2008, 76, 482-494.	4.4	67
349	Adenosine A2A receptor dynamics studied with the novel fluorescent agonist Alexa488-APEC. European Journal of Pharmacology, 2008, 590, 36-42.	3.5	29
350	Translocation of arrestin induced by human A3 adenosine receptor ligands in an engineered cell line: Comparison with G protein-dependent pathways. Pharmacological Research, 2008, 57, 303-311.	7.1	41
351	Attenuation of apoptosis in vitro and ischemia/reperfusion injury in vivo in mouse skeletal muscle by P2Y6 receptor activation. Pharmacological Research, 2008, 58, 232-239.	7.1	35
352	Synthesis of Ethyl (1S,2R,3S,4S,5S)-2,3-O-(Isopropylidene)-4-Hydroxy-Bicyclo[3.1.0]Hexane-Carboxylate from L-Ribose: A Versatile Chiral Synthon for Preparation of Adenosine and P2 Receptor Ligands. Nucleosides, Nucleotides and Nucleic Acids, 2008, 27, 279-291.	1.1	22
353	Toward Multivalent Signaling across G Protein-Coupled Receptors from Poly(amidoamine) Dendrimers. Bioconjugate Chemistry, 2008, 19, 406-411.	3.6	44
354	Systematic Investigation of Polyamidoamine Dendrimers Surface-Modified with Poly(ethylene glycol) for Drug Delivery Applications: Synthesis, Characterization, and Evaluation of Cytotoxicity. Bioconjugate Chemistry, 2008, 19, 1660-1672.	3.6	151
355	Conformational changes involved in G-protein-coupled-receptor activation. Trends in Pharmacological Sciences, 2008, 29, 616-625.	8.7	73
356	Synthesis of Enantiomerically Pure (S)-Methanocarbaribo Uracil Nucleoside Derivatives for Use as Antiviral Agents and P2Y Receptor Ligands. Journal of Organic Chemistry, 2008, 73, 8085-8088.	3.2	14
357	Structureâ^'Activity Relationships of Truncated <scp>d</scp>- and <scp>l</scp>-4â€²-Thioadenosine Derivatives as Species-Independent A₃ Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2008, 51, 6609-6613.	6.4	35
358	Probing Distal Regions of the A_{2B} Adenosine Receptor by Quantitative Structureâ^'Activity Relationship Modeling of Known and Novel Agonists. Journal of Medicinal Chemistry, 2008, 51, 2088-2099.	6.4	14
359	Ligand-Specific Changes in M₃ Muscarinic Acetylcholine Receptor Structure Detected by a Disulfide Scanning Strategy. Biochemistry, 2008, 47, 2776-2788.	2.5	24
360	UDP Is a Competitive Antagonist at the Human P2Y₁₄Receptor. Journal of Pharmacology and Experimental Therapeutics, 2008, 325, 588-594.	2.5	58

#	Article	IF	Citations
361	Synthesis of 2-Chloro-N6-Substituted-4'-thioadenosine-5'-N, N-dialkyluronamides as Potent and Selective A3 Adenosine Receptor Antagonists. Nucleic Acids Symposium Series, 2008, 52, 645-646.	0.3	1
362	Role of P2X purinergic receptors in the rescue of ischemic heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1191-H1197.	3.2	42
363	Synthesis of 3â€²-Acetamidoadenosine Derivatives as Potential A3Adenosine Receptor Agonists. Nucleosides, Nucleotides and Nucleic Acids, 2008, 27, 408-420.	1.1	2
364	Design and Synthesis of Truncated 4'-Thioadenosine Derivatives as Potent and Selective A3 Adenosine Receptor Antagonists. Nucleic Acids Symposium Series, 2008, 52, 641-642.	0.3	2
365	Development of Selective High Affinity Antagonists, Agonists, and Radioligands for the P2Y1 Receptor. Combinatorial Chemistry and High Throughput Screening, 2008, 11, 410-419.	1.1	31
366	Lung Injury after In VivoÂ Reperfusion. Anesthesiology, 2008, 109, 269-278.	2.5	13
367	The glucose moiety of uridine 5â€²â€“diphosphoglucose is structurally permissive in activation of the human P2Y14 receptor. FASEB Journal, 2008, 22, 720.10.	0.5	0
368	Stereoselective Synthesis of 1â€²-Functionalized-4â€²-Thionucleosides. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1011-1014.	1.1	2
369	Protective roles of adenosine A1, A2A, and A3receptors in skeletal muscle ischemia and reperfusion injury. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H3685-H3691.	3.2	57
370	Synthesis ofN6-Substituted 3â€²-Ureidoadenosine Derivatives as Highly Potent Agonists at the Mutant A3Adenosine Receptor. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 717-719.	1.1	3
371	Design, Synthesis, and Anti-Tumor Activity of 4â€²-Thionucleosides as Potent and Selective Agonists at the Human A₃Adenosine Receptor. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1565-1568.	1.1	1
372	Effects of Soil Sample Grinding Intensity on Carbon Determination by Highâ€Temperature Combustion. Communications in Soil Science and Plant Analysis, 2007, 38, 1733-1739.	1.4	13
373	Distinct Structural Changes in a G Protein-coupled Receptor Caused by Different Classes of Agonist Ligands. Journal of Biological Chemistry, 2007, 282, 26284-26293.	3.4	44
374	The Anti-Cancer Effect of A3 Adenosine Receptor Agonists: A Novel, Targeted Therapy. Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry, 2007, 7, 298-303.	0.5	17
375	Neoceptors: reengineering GPCRs to recognize tailored ligands. Trends in Pharmacological Sciences, 2007, 28, 111-116.	8.7	28
376	Barrier qualities of the mouse eye to topically applied drugs. Experimental Eye Research, 2007, 85, 105-112.	2.6	11
377	Probing the Binding Site of the A1 Adenosine Receptor Reengineered for Orthogonal Recognition by Tailored Nucleosides. Biochemistry, 2007, 46, 7437-7448.	2.5	14
378	Structureâ^'Activity Relationship of Uridine 5â€˜-Diphosphoglucose Analogues as Agonists of the Human P2Y14Receptor. Journal of Medicinal Chemistry, 2007, 50, 2030-2039.	6.4	65

#	Article	IF	Citations
379	Structureâ^'Activity Relationships of 2,N6,5â€˜-Substituted Adenosine Derivatives with Potent Activity at the A2BAdenosine Receptor. Journal of Medicinal Chemistry, 2007, 50, 1810-1827.	6.4	44
380	Three-Dimensional Quantitative Structureâ^'Activity Relationship of Nucleosides Acting at the A3 Adenosine Receptor:â€‰ Analysis of Binding and Relative Efficacy. Journal of Chemical Information and Modeling, 2007, 47, 1225-1233.	5.4	18
381	Discovery of a New Nucleoside Template for Human A3 Adenosine Receptor Ligands:â€‰ d-4â€˜-Thioadenosine Derivatives without 4â€˜-Hydroxymethyl Group as Highly Potent and Selective Antagonists. Journal of Medicinal Chemistry, 2007, 50, 3159-3162.	6.4	81
382	P2Y1 Antagonists:â€‰ Combining Receptor-Based Modeling and QSAR for a Quantitative Prediction of the Biological Activity Based on Consensus Scoring. Journal of Medicinal Chemistry, 2007, 50, 3229-3241.	6.4	35
383	Molecular Modeling of the Human P2Y2 Receptor and Design of a Selective Agonist, 2â€˜-Amino-2â€˜-deoxy-2-thiouridine 5â€˜-Triphosphate. Journal of Medicinal Chemistry, 2007, 50, 1166-1176.	6.4	42
384	P2X purinergic receptor-mediated ionic current in cardiac myocytes of calsequestrin model of cardiomyopathy: implications for the treatment of heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H1077-H1084.	3.2	29
385	Molecular dynamics simulation of the P2Y14 receptor. Ligand docking and identification of a putative binding site of the distal hexose moiety. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 761-766.	2.2	23
386	Rapid identification of functionally critical amino acids in a G proteinâ€“coupled receptor. Nature Methods, 2007, 4, 169-174.	19.0	50
387	UDP acting at P2Y6 receptors is a mediator of microglial phagocytosis. Nature, 2007, 446, 1091-1095.	27.8	698
388	Role of adenosine A3 receptors on CA1 hippocampal neurotransmission during oxygenâ€“glucose deprivation episodes of different duration. Biochemical Pharmacology, 2007, 74, 768-779.	4.4	61
389	Emerging adenosine receptor agonists. Expert Opinion on Emerging Drugs, 2007, 12, 479-492.	2.4	100
390	The ADP receptor P2Y1 mediates t-PA release in pigs during cardiac ischemia. Journal of Thrombosis and Thrombolysis, 2007, 24, 115-122.	2.1	8
391	UDP is an antagonist at the hP2Y14 receptor. FASEB Journal, 2007, 21, A424.	0.5	0
392	Identification of distinct, ligandâ€specific structural changes in a G proteinâ€coupled receptor. FASEB Journal, 2007, 21, A425.	0.5	0
393	Structureâ^'Activity Relationships of New 1H-Imidazo[4,5-c]quinolin-4-amine Derivatives as Allosteric Enhancers of the A3Adenosine Receptor. Journal of Medicinal Chemistry, 2006, 49, 3354-3361.	6.4	51
394	2-Triazole-Substituted Adenosines:Â A New Class of Selective A3Adenosine Receptor Agonists, Partial Agonists, and Antagonists. Journal of Medicinal Chemistry, 2006, 49, 7373-7383.	6.4	69
395	Structureâ^'Activity Relationships of Uridine 5â€˜-Diphosphate Analogues at the Human P2Y6Receptor. Journal of Medicinal Chemistry, 2006, 49, 5532-5543.	6.4	75
396	A3 adenosine receptors and mitogen-activated protein kinases in lung injury following in vivo reperfusion. Critical Care, 2006, 10, R65.	5.8	50

#	Article	IF	Citations
397	Orthogonal Activation of the Reengineered A3 Adenosine Receptor (Neoceptor) Using Tailored Nucleoside Agonists. Journal of Medicinal Chemistry, 2006, 49, 2689-2702.	6.4	42
398	(N)-methanocarba-2MeSADP (MRS2365) is a subtype-specific agonist that induces rapid desensitization of the P2Y1 receptor of human platelets. Journal of Thrombosis and Haemostasis, 2006, 4, 861-868.	3.8	35
399	Adenosine receptors as therapeutic targets. Nature Reviews Drug Discovery, 2006, 5, 247-264.	46.4	1,243
400	[32 P]2-iodo-N 6 -methyl-(N)-methanocarba-2â€²-deoxyadenosine-3â€²,5â€²-bisphosphate ([32 P]MRS2500), a novel radioligand for quantification of native P2Y1 receptors. British Journal of Pharmacology, 2006, 147, 459-467.	5.4	44
401	Design, synthesis, and biological activity of N6-substituted-4â€²-thioadenosines at the human A3 adenosine receptor. Bioorganic and Medicinal Chemistry, 2006, 14, 4718-4730.	3.0	21
402	Conversion of A3 adenosine receptor agonists into selective antagonists by modification of the 5â€²-ribofuran-uronamide moiety. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 596-601.	2.2	40
403	Synthesis of hypermodified adenosine derivatives as selective adenosine A3 receptor ligands. Bioorganic and Medicinal Chemistry, 2006, 14, 1403-1412.	3.0	14
404	Computational prediction of homodimerization of the A3 adenosine receptor. Journal of Molecular Graphics and Modelling, 2006, 25, 549-561.	2.4	28
405	Docking studies of agonists and antagonists suggest an activation pathway of the A3 adenosine receptor. Journal of Molecular Graphics and Modelling, 2006, 25, 562-577.	2.4	42
406	Structureâ^'Activity Relationships of 2-Chloro-N6-substituted-4â€˜-thioadenosine-5â€˜-uronamides as Highly Potent and Selective Agonists at the Human A3Adenosine Receptor. Journal of Medicinal Chemistry, 2006, 49, 273-281.	6.4	68
407	Defining the nucleotide binding sites of P2Y receptors using rhodopsin-based homology modeling. Journal of Computer-Aided Molecular Design, 2006, 20, 417-426.	2.9	31
408	Structure activity and molecular modeling analyses of ribose- and base-modified uridine 5â€²-triphosphate analogues at the human P2Y2 and P2Y4 receptors. Biochemical Pharmacology, 2006, 71, 540-549.	4.4	49
409	Regulation of death and survival in astrocytes by ADP activating P2Y1 and P2Y12 receptors. Biochemical Pharmacology, 2006, 72, 1031-1041.	4.4	48
410	Uridine-5â€²-triphosphate (UTP) reduces infarct size and improves rat heart function after myocardial infarct. Biochemical Pharmacology, 2006, 72, 949-955.	4.4	54
411	Keynote review: Allosterism in membrane receptors. Drug Discovery Today, 2006, 11, 191-202.	6.4	59
412	Progress in the pursuit of therapeutic adenosine receptor antagonists. Medicinal Research Reviews, 2006, 26, 131-159.	10.5	154
413	Action of Nucleosides and Nucleotides at 7 Transmembrane-Spanning Receptors. Nucleosides, Nucleotides and Nucleic Acids, 2006, 25, 1425-1436.	1.1	7
414	A Missense Mutation in the Seven-transmembrane Domain of the Human Ca2+ Receptor Converts a Negative Allosteric Modulator into a Positive Allosteric Modulator. Journal of Biological Chemistry, 2006, 281, 21558-21565.	3.4	46

#	Article	IF	Citations
415	Positive Inotropic Effects by Uridine Triphosphate (UTP) and Uridine Diphosphate (UDP) via P2Y 2 and P2Y 6 Receptors on Cardiomyocytes and Release of UTP in Man During Myocardial Infarction. Circulation Research, 2006, 98, 970-976.	4.5	95
416	International Union of Pharmacology LVIII: Update on the P2Y G Protein-Coupled Nucleotide Receptors: From Molecular Mechanisms and Pathophysiology to Therapy. Pharmacological Reviews, 2006, 58, 281-341.	16.0	1,147
417	MRS2500 [2-Iodo-N6-methyl-(N)-methanocarba-2â€²-deoxyadenosine-3â€²,5â€²-bisphosphate], a Potent, Selective, and Stable Antagonist of the Platelet P2Y1 Receptor with Strong Antithrombotic Activity in Mice. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 556-563.	2.5	135
418	Agonists and Antagonists for P2 Receptors. Novartis Foundation Symposium, 2006, 276, 58-72.	1.1	39
419	Nucleoside Prodrugs of A3 Adenosine Receptor Agonists and Antagonists. Collection of Czechoslovak Chemical Communications, 2006, 71, 912-928.	1.0	5
420	Activation of Th1 and Tc1 cell adenosine A2A receptors directly inhibits IL-2 secretion in vitro and IL-2-driven expansion in vivo. Blood, 2005, 105, 4707-4714.	1.4	133
421	Exploring human adenosine A3 receptor complementarity and activity for adenosine analogues modified in the ribose and purine moiety. Bioorganic and Medicinal Chemistry, 2005, 13, 973-983.	3.0	19
422	A Neoceptor Approach to Unraveling Microscopic Interactions between the Human A2A Adenosine Receptor and Its Agonists. Chemistry and Biology, 2005, 12, 237-247.	6.0	42
423	Synthesis of Novel Apio Carbocyclic Nucleoside Analogues as Selective A3Adenosine Receptor Agonists. Journal of Organic Chemistry, 2005, 70, 5006-5013.	3.2	39
424	Involvement of uracil nucleotides in protection of cardiomyocytes from hypoxic stress. Biochemical Pharmacology, 2005, 69, 1215-1223.	4.4	56
425	Synthesis of pyridoxal phosphate derivatives with antagonist activity at the P2Y13 receptor. Biochemical Pharmacology, 2005, 70, 266-274.	4.4	95
426	Amphiphilic pyridinium salts block TNFÎ±/NFÎºB signaling and constitutive hypersecretion of interleukin-8 (IL-8) from cystic fibrosis lung epithelial cells. Biochemical Pharmacology, 2005, 70, 381-393.	4.4	22
427	CysLT1 leukotriene receptor antagonists inhibit the effects of nucleotides acting at P2Y receptors. Biochemical Pharmacology, 2005, 71, 115-125.	4.4	67
428	Signaling of the human P2Y1 receptor measured by a yeast growth assay with comparisons to assays of phospholipase C and calcium mobilization in 1321N1 human astrocytoma cells. Purinergic Signalling, 2005, 1, 241-247.	2.2	11
429	Allosteric Modulation of the Adenosine Family of Receptors. Mini-Reviews in Medicinal Chemistry, 2005, 5, 545-553.	2.4	65
430	Purine Derivatives as Ligands for A3 Adenosine Receptors. Current Topics in Medicinal Chemistry, 2005, 5, 1275-1295.	2.1	18
431	Random Mutagenesis of the M3 Muscarinic Acetylcholine Receptor Expressed in Yeast. Journal of Biological Chemistry, 2005, 280, 5664-5675.	3.4	31
432	Molecular Recognition at Adenine Nucleotide (P2) Receptors in Platelets. Seminars in Thrombosis and Hemostasis, 2005, 31, 205-216.	2.7	16

#	Article	IF	Citations
433	SYNTHESIS OF 3â€²-UREIDOADENOSINE ANALOGUES AND THEIR BINDING AFFINITY TO THE A3 ADENOSINE RECEPTOR. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 1119-1121.	1.1	2
434	A Region in the Seven-transmembrane Domain of the Human Ca2+ Receptor Critical for Response to Ca2+. Journal of Biological Chemistry, 2005, 280, 5113-5120.	3.4	76
435	Identification of an Agonist-induced Conformational Change Occurring Adjacent to the Ligand-binding Pocket of the M3 Muscarinic Acetylcholine Receptor. Journal of Biological Chemistry, 2005, 280, 34849-34858.	3.4	45
436	Nucleoside Modification and Concerted Mutagenesis of the Human A3 Adenosine Receptor to Probe Interactions Between the 2-Position of Adenosine Analogs and Gln167 in the Second Extracellular Loop. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 1507-1517.	1.1	14
437	Pronounced Conformational Changes following Agonist Activation of the M3 Muscarinic Acetylcholine Receptor. Journal of Biological Chemistry, 2005, 280, 24870-24879.	3.4	34
438	D-4â€²-THIOADENOSINE DERIVATIVES AS HIGHLY POTENT AND SELECTIVE AGONISTS AT THE HUMAN A3 ADENOSINE RECEPTOR. Nucleosides, Nucleotides and Nucleic Acids, 2005, 24, 607-609.	1.1	2
439	The Cross-Species A3Adenosine-Receptor Antagonist MRS 1292 Inhibits Adenosine-Triggered Human Nonpigmented Ciliary Epithelial Cell Fluid Release and Reduces Mouse Intraocular Pressure. Current Eye Research, 2005, 30, 747-754.	1.5	66
440	Semirational Design of (North)-Methanocarba Nucleosides as Dual Acting A1 and A3 Adenosine Receptor Agonists:â€‰ Novel Prototypes for Cardioprotection. Journal of Medicinal Chemistry, 2005, 48, 8103-8107.	6.4	33
441	â€œReversineâ€•and Its 2-Substituted Adenine Derivatives as Potent and Selective A3Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2005, 48, 4910-4918.	6.4	65
442	(N)-Methanocarba 2,N6-Disubstituted Adenine Nucleosides as Highly Potent and Selective A3Adenosine Receptor Agonists. Journal of Medicinal Chemistry, 2005, 48, 1745-1758.	6.4	88
443	A New Synthetic Route to (North)-Methanocarba Nucleosides Designed as A3Adenosine Receptor Agonists. Journal of Organic Chemistry, 2005, 70, 439-447.	3.2	26
444	Role of adenosine A1 and A3 receptors in regulation of cardiomyocyte homeostasis after mitochondrial respiratory chain injury. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H2792-H2801.	3.2	45
445	Human P2Y6 Receptor:â€‰ Molecular Modeling Leads to the Rational Design of a Novel Agonist Based on a Unique Conformational Preference. Journal of Medicinal Chemistry, 2005, 48, 8108-8111.	6.4	75
446	Phospholipase C and cAMP-dependent positive inotropic effects of ATP in mouse cardiomyocytes via P2Y-like receptors. Journal of Molecular and Cellular Cardiology, 2005, 39, 223-230.	1.9	67
447	The recently deorphanized GPR80 (GPR99) proposed to be the P2Y15 receptor is not a genuine P2Y receptor. Trends in Pharmacological Sciences, 2005, 26, 8-9.	8.7	46
448	Techniques: Recent developments in computer-aided engineering of GPCR ligands using the human adenosine A3 receptor as an example. Trends in Pharmacological Sciences, 2005, 26, 44-51.	8.7	72
449	Design and synthesis of new bicyclic diketopiperazines as scaffolds for receptor probes of structurally diverse functionality. Organic and Biomolecular Chemistry, 2005, 3, 2016.	2.8	40
450	New 8-substituted xanthiene derivatives as potent bronchodilators. Il Farmaco, 2005, 60, 974-980.	0.9	15

#	Article	IF	Citations
451	New Synthetic Approach to the Bicyclo[3.1.0]hexane Ring System from (+)-(1R,4R)-4-(Benzyloxymethyl)-4-(hydroxymethyl)cyclopent-2-enol. Bulletin of the Korean Chemical Society, 2005, 26, 1503-1504.	1.9	2
452	Molecular Recognition at Purine and Pyrimidine Nucleotide (P2) Receptors. Current Topics in Medicinal Chemistry, 2004, 4, 805-819.	2.1	48
453	Digitoxin mimics gene therapy with CFTR and suppresses hypersecretion of IL-8 from cystic fibrosis lung epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 7693-7698.	7.1	87
454	Induction of Novel Agonist Selectivity for the ADP-Activated P2Y1 Receptor Versus the ADP-Activated P2Y12 and P2Y13 Receptors by Conformational Constraint of an ADP Analog. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 1038-1043.	2.5	95
455	Role of direct RhoAâ€phospholipase D interaction in mediating adenosineâ€induced protection from cardiac ischemia. FASEB Journal, 2004, 18, 1-13.	0.5	51
456	Partial Agonists for A3 Adenosine Receptors. Current Topics in Medicinal Chemistry, 2004, 4, 855-862.	2.1	15
457	Structural determinants of efficacy at A3 adenosine receptors: modification of the ribose moiety. Biochemical Pharmacology, 2004, 67, 893-901.	4.4	34
458	Diisothiocyanate derivatives as potent, insurmountable antagonists of P2Y6 nucleotide receptors. Biochemical Pharmacology, 2004, 67, 1763-1770.	4.4	142
459	2,2â€²-Pyridylisatogen tosylate antagonizes P2Y1 receptor signaling without affecting nucleotide binding. Biochemical Pharmacology, 2004, 68, 231-237.	4.4	41
460	2-Substituted adenosine derivatives: affinity and efficacy at four subtypes of human adenosine receptors. Biochemical Pharmacology, 2004, 68, 1985-1993.	4.4	57
461	Antiaggregatory activity in human platelets of potent antagonists of the P2Y1 receptor. Biochemical Pharmacology, 2004, 68, 1995-2002.	4.4	85
462	Shift in purine/pyrimidine base recognition upon exchanging extracellular domains in P2Y1/6 chimeric receptors. Biochemical Pharmacology, 2004, 68, 2075-2086.	4.4	11
463	Stimulation of Xenopus P2Y1 receptor activates CFTR in A6 cells. Pflugers Archiv European Journal of Physiology, 2004, 449, 66-75.	2.8	18
464	Coronary artery reperfusion: The ADP receptor P2Y1 mediates early reactive hyperemia in vivo in pigs. Purinergic Signalling, 2004, 1, 59-65.	2.2	20
465	Northern ring conformation of methanocarba-adenosine 5?-triphosphate required for activation of P2X receptors. Drug Development Research, 2004, 61, 227-232.	2.9	9
466	Partial Agonists for A3 Adenosine Receptors. ChemInform, 2004, 35, no.	0.0	0
467	Structureâ€“activity relationships of thiazole and thiadiazole derivatives as potent and selective human adenosine A3 receptor antagonists. Bioorganic and Medicinal Chemistry, 2004, 12, 613-623.	3.0	115
468	Exploring distal regions of the A3 adenosine receptor binding site: sterically constrained N6-(2-phenylethyl)adenosine derivatives as potent ligands. Bioorganic and Medicinal Chemistry, 2004, 12, 2021-2034.	3.0	55

#	Article	IF	Citations
469	Modulation of adenosine receptor affinity and intrinsic efficacy in adenine nucleosides substituted at the 2-position. Bioorganic and Medicinal Chemistry, 2004, 12, 2995-3007.	3.0	46
470	Nucleotide analogues containing 2-oxa-bicyclo[2.2.1]heptane and l-Î±-threofuranosyl ring systems: interactions with P2Y receptors. Bioorganic and Medicinal Chemistry, 2004, 12, 5619-5630.	3.0	33
471	Design and synthesis of 3â€²-ureidoadenosine-5â€²-uronamides: effects of the 3â€²-ureido group on binding to the A3 adenosine receptor. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 4851-4854.	2.2	14
472	Architecture of P2Y Nucleotide Receptors:â€‰ Structural Comparison Based on Sequence Analysis, Mutagenesis, and Homology Modeling. Journal of Medicinal Chemistry, 2004, 47, 5393-5404.	6.4	139
473	Effects of the allosteric modulator SCH-202676 on adenosine and P2Y receptors. Life Sciences, 2004, 74, 3173-3180.	4.3	25
474	PURINE RECEPTORS: GPCR STRUCTURE AND AGONIST DESIGN. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2004, 4, 337-347.	3.4	11
475	Behavioral characterization of mice lacking the A3 adenosine receptor: sensitivity to hypoxic neurodegeneration. Cellular and Molecular Neurobiology, 2003, 23, 431-447.	3.3	94
476	P2Y6 nucleotide receptor activates PKC to protect 1321N1 astrocytoma cells against tumor necrosis factor-induced apoptosis. Cellular and Molecular Neurobiology, 2003, 23, 401-418.	3.3	52
477	Adenosine protects against angiotensin II-induced apoptosis in rat cardiocyte cultures. Molecular and Cellular Biochemistry, 2003, 252, 133-139.	3.1	20
478	Dihydropyridines as inhibitors of capacitative calcium entry in leukemic HL-60 cells. Biochemical Pharmacology, 2003, 65, 329-338.	4.4	103
479	Differential allosteric modulation by amiloride analogues of agonist and antagonist binding at A1 and A3 adenosine receptors. Biochemical Pharmacology, 2003, 65, 525-534.	4.4	54
480	Tumor necrosis factor Î±-induced apoptosis in astrocytes is prevented by the activation of P2Y6, but not P2Y4 nucleotide receptors. Biochemical Pharmacology, 2003, 65, 923-931.	4.4	59
481	N6-Substituted adenosine derivatives: selectivity, efficacy, and species differences at A3 adenosine receptors. Biochemical Pharmacology, 2003, 65, 1675-1684.	4.4	136
482	Engineering of A3 adenosine and P2Y nucleotide receptors and their ligands. Drug Development Research, 2003, 58, 330-339.	2.9	6
483	Design, synthesis and binding affinity of 3â€²-fluoro analogues of Cl-IB-MECA as adenosine A3 receptor ligands. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 817-820.	2.2	24
484	2-Phenylimidazo[2,1-i]purin-5-ones Structureâ€“Activity relationships and characterization of potent and selective inverse agonists at Human A3 adenosine receptors. Bioorganic and Medicinal Chemistry, 2003, 11, 347-356.	3.0	51
485	Extracellular nucleotides induce vasodilatation in human arteries via prostaglandins, nitric oxide and endothelium-derived hyperpolarising factor. British Journal of Pharmacology, 2003, 138, 1451-1458.	5.4	75
486	Quinazolines as adenosine receptor antagonists: SAR and selectivity for A2B receptors. Bioorganic and Medicinal Chemistry, 2003, 11, 77-85.	3.0	33

#	Article	IF	Citations
487	N6-Substituted D-4â€˜-Thioadenosine-5â€˜-methyluronamides:â€‰ Potent and Selective Agonists at the Human A3 Adenosine Receptor. Journal of Medicinal Chemistry, 2003, 46, 3775-3777.	6.4	83
488	2-Substitution of Adenine Nucleotide Analogues Containing a Bicyclo[3.1.0]hexane Ring System Locked in a Northern Conformation:Â Enhanced Potency as P2Y1Receptor Antagonists. Journal of Medicinal Chemistry, 2003, 46, 4974-4987.	6.4	125
489	Design and Synthesis of A3Adenosine Receptor Ligands, 2â€²-Fluoro Analogues of Cl-IB-MECA. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 927-930.	1.1	5
490	A Conformationally Locked Analogue of the Anti-HIV Agent Stavudine. An Important Correlation between Pseudorotation and Maximum Amplitude. Journal of Medicinal Chemistry, 2003, 46, 3292-3299.	6.4	54
491	Synthesis of a Novel Conformationally Locked Carbocyclic Nucleoside Ring System. Organic Letters, 2003, 5, 1665-1668.	4.6	30
492	Characterization of the UDP-glucose receptor (re-named here the P2Y14 receptor) adds diversity to the P2Y receptor family. Trends in Pharmacological Sciences, 2003, 24, 52-55.	8.7	382
493	Modeling the Adenosine Receptors:Â Comparison of the Binding Domains of A2AAgonists and Antagonists. Journal of Medicinal Chemistry, 2003, 46, 4847-4859.	6.4	125
494	Design and Synthesis of A3Adenosine Receptor Ligands, 3â€²-Fluoro Analogues of Cl-IB-MECA. Nucleosides, Nucleotides and Nucleic Acids, 2003, 22, 923-925.	1.1	3
495	Demystifying the three dimensional structure of G protein-coupled receptors (GPCRs) with the aid of molecular modeling. Chemical Communications, 2003, , 2949.	4.1	38
496	Molecular recognition in P2 nucleotide receptors. Nucleic Acids Symposium Series, 2003, 3, 3-4.	0.3	1
497	Coordinated Adenine Nucleotide Phosphohydrolysis and Nucleoside Signaling in Posthypoxic Endothelium. Journal of Experimental Medicine, 2003, 198, 783-796.	8.5	444
498	Identification of Essential Residues Involved in the Allosteric Modulation of the Human A3Adenosine Receptor. Molecular Pharmacology, 2003, 63, 1021-1031.	2.3	81
499	Chapter 13. A3 adenosine receptors. Annual Reports in Medicinal Chemistry, 2003, 38, 121-130.	0.9	5
500	Nucleotide coronary vasodilation in guinea pig hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H1040-H1047.	3.2	27
501	Identification by Site-directed Mutagenesis of Residues Involved in Ligand Recognition and Activation of the Human A3 Adenosine Receptor. Journal of Biological Chemistry, 2002, 277, 19056-19063.	3.4	134
502	A3Adenosine Receptors in Human Astrocytoma Cells: Agonist-Mediated Desensitization, Internalization, and Down-Regulation. Molecular Pharmacology, 2002, 62, 1373-1384.	2.3	69
503	Identification of Acidic Residues in the Extracellular Loops of the Seven-transmembrane Domain of the Human Ca2+ Receptor Critical for Response to Ca2+ and a Positive Allosteric Modulator. Journal of Biological Chemistry, 2002, 277, 46622-46631.	3.4	79
504	Heteromultimeric P2X1/2 Receptors Show a Novel Sensitivity to Extracellular pH. Journal of Pharmacology and Experimental Therapeutics, 2002, 300, 673-680.	2.5	78

#	Article	IF	Citations
505	Quantitation of the P2Y1Receptor with a High Affinity Radiolabeled Antagonist. Molecular Pharmacology, 2002, 62, 1249-1257.	2.3	95
506	Targeted deletion of adenosine A₃ receptors augments adenosine-induced coronary flow in isolated mouse heart. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H2183-H2189.	3.2	67
507	Chapter 8. Purine and pyrimidine nucleotide (P2) receptors. Annual Reports in Medicinal Chemistry, 2002, 37, 75-84.	0.9	0
508	Adenine Nucleotide Analogues Locked in a Northern Methanocarba Conformation:â€‰ Enhanced Stability and Potency as P2Y1 Receptor Agonists. Journal of Medicinal Chemistry, 2002, 45, 2090-2100.	6.4	62
509	Functionalized Congeners of Tyrosine-Based P2X7Receptor Antagonists:Â Probing Multiple Sites for Linking and Dimerization. Bioconjugate Chemistry, 2002, 13, 1100-1111.	3.6	15
510	Purine and Pyrimidine (P2) Receptors as Drug Targets. Journal of Medicinal Chemistry, 2002, 45, 4057-4093.	6.4	334
511	Methanocarba Modification of Uracil and Adenine Nucleotides:Â High Potency of Northern Ring Conformation at P2Y1, P2Y2, P2Y4, and P2Y11but Not P2Y6Receptors. Journal of Medicinal Chemistry, 2002, 45, 208-218.	6.4	90
512	Imidazo[2,1-i]purin-5-ones and Related Tricyclic Water-Soluble Purine Derivatives:Â Potent A2A- and A3-Adenosine Receptor Antagonistsâ€. Journal of Medicinal Chemistry, 2002, 45, 3440-3450.	6.4	81
513	Structural Determinants of A3Adenosine Receptor Activation:Â Nucleoside Ligands at the Agonist/Antagonist Boundary. Journal of Medicinal Chemistry, 2002, 45, 4471-4484.	6.4	151
514	Acyclic Analogues of Adenosine Bisphosphates as P2Y Receptor Antagonists:Â Phosphate Substitution Leads to Multiple Pathways of Inhibition of Platelet Aggregation. Journal of Medicinal Chemistry, 2002, 45, 5694-5709.	6.4	79
515	Synthesis, Biological Properties, and Molecular Modeling Investigation of the First Potent, Selective, and Water-Soluble Human A3 Adenosine Receptor Antagonist. Journal of Medicinal Chemistry, 2002, 45, 3579-3582.	6.4	74
516	Molecular Modeling as a Tool to Investigate Molecular Recognition in P2Y Receptors. Current Pharmaceutical Design, 2002, 8, 2401-2413.	1.9	21
517	Selective Allosteric Enhancement of Agonist Binding and Function at Human A3 Adenosine Receptors by a Series of Imidazoquinoline Derivatives. Molecular Pharmacology, 2002, 62, 81-89.	2.3	63
518	2-Chloro-N6-cyclopentyladenosine, adenosine A1 receptor agonist, antagonizes the adenosine A3 receptor. European Journal of Pharmacology, 2002, 443, 39-42.	3.5	21
519	p53-Independent induction of Fas and apoptosis in leukemic cells by an adenosine derivative, Cl-IB-MECA. Biochemical Pharmacology, 2002, 63, 871-880.	4.4	58
520	Evidence for the recognition of non-nucleotide antagonists within the transmembrane domains of the human P2Y1receptor. Drug Development Research, 2002, 57, 173-181.	2.9	28
521	Extracellular Adenine Nucleotides Regulate Na+/H+ Exchanger NHE3 Activity in A6-NHE3 Transfectants by a cAMP/PKA-dependent Mechanism. Journal of Membrane Biology, 2002, 188, 249-259.	2.1	17
522	2â€Chloro N⁶â€methylâ€(N)â€methanocarbaâ€2â€²â€deoxyadenosineâ€3â€²,5â€²â€bisphosphate is a selective high affinity P2Y₁ receptor antagonist. British Journal of Pharmacology, 2002, 135, 2004-2010.	5.4	89

#	Article	IF	Citations
523	Structureâ"Activity Relationships at Human and Rat A2BAdenosine Receptors of Xanthine Derivatives Substituted at the 1-, 3-, 7-, and 8-Positions. Journal of Medicinal Chemistry, 2002, 45, 2131-2138.	6.4	76
524	Interactions of Flavones and Other Phytochemicals with Adenosine Receptors. Advances in Experimental Medicine and Biology, 2002, 505, 163-171.	1.6	69
525	Fluorosulfonyl- and Bis-(Î²-chloroethyl)amino-phenylamino Functionalized Pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidine Derivatives:â€‰ Irreversible Antagonists at the Human A3 Adenosine Receptor and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2001, 44, 2735-2742.	6.4	37
526	Acyclic and Cyclopropyl Analogues of Adenosine Bisphosphate Antagonists of the P2Y1Receptor:Â Structureâ"Activity Relationships and Receptor Docking. Journal of Medicinal Chemistry, 2001, 44, 3092-3108.	6.4	73
527	Constitutive Activation of A3 Adenosine Receptors by Site-Directed Mutagenesis. Biochemical and Biophysical Research Communications, 2001, 284, 596-601.	2.1	42
528	Activation of A3Adenosine Receptor Protects Against Doxorubicin-induced Cardiotoxicity. Journal of Molecular and Cellular Cardiology, 2001, 33, 1249-1261.	1.9	72
529	Neoceptor Concept Based on Molecular Complementarity in GPCRs:â€‰ A Mutant Adenosine A3 Receptor with Selectively Enhanced Affinity for Amine-Modified Nucleosides. Journal of Medicinal Chemistry, 2001, 44, 4125-4136.	6.4	80
530	Adenosine A1 and A3 receptors: Distinct cardioprotection. Drug Development Research, 2001, 52, 366-378.	2.9	11
531	Synthesis Using Ring Closure Metathesis and Effect on Nucleoside Transport of a (N)-MethanocarbaS-(4-Nitrobenzyl)thioinosine Derivative. Organic Letters, 2001, 3, 597-599.	4.6	47
532	Structureâ"Activity Relationships of Pyridoxal Phosphate Derivatives as Potent and Selective Antagonists of P2X1Receptors. Journal of Medicinal Chemistry, 2001, 44, 340-349.	6.4	86
533	Angiotensin II-induced apoptosis in rat cardiomyocyte culture: a possible role of AT1 and AT2 receptors. Journal of Hypertension, 2001, 19, 1681-1689.	0.5	62
534	Allosteric Modulation of A3 Adenosine Receptors by a Series of 3-(2-Pyridinyl)isoquinoline Derivatives. Molecular Pharmacology, 2001, 60, 1057-1063.	2.3	82
535	Ring-Constrained (N)-Methanocarba nucleosides as adenosine receptor agonists: independent 5â€²-Uronamide and 2â€²-deoxy modifications. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 1333-1337.	2.2	52
536	Synthesis and purine receptor affinity of 6-oxopurine nucleosides and nucleotides containing (N)-methanocarba-pseudoribose rings. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 2295-2300.	2.2	18
537	PURINES 2000 meeting: Biochemical, pharmacological and clinical perspectives. Drug Development Research, 2001, 52, iv-iv.	2.9	0
538	Two distinct P2Y receptors are involved in purine- and pyrimidine-evoked Ca2+ elevation in mammalian brain astrocytic cultures. Drug Development Research, 2001, 52, 122-132.	2.9	4
539	Probing adenosine and P2 receptors: Design of novel purines and nonpurines as selective ligands. Drug Development Research, 2001, 52, 178-186.	2.9	6
540	Actions of a series of PPADS analogs at P2X1 and P2X3 receptors. Drug Development Research, 2001, 53, 281-291.	2.9	24

#	Article	IF	Citations
541	Potent P2X7 receptor antagonists: Tyrosyl derivatives synthesized using a sequential parallel synthetic approach. Drug Development Research, 2001, 54, 75-87.	2.9	23
542	Cardioprotective effects of adenosine A1 and A3 receptor activation during hypoxia in isolated rat cardiac myocytes. Molecular and Cellular Biochemistry, 2001, 217, 143-152.	3.1	86
543	Roles of BCL-2 and Caspase 3 in the Adenosine A3. Journal of Molecular Neuroscience, 2001, 17, 285-292.	2.3	40
544	[3H]MRS 1754, a selective antagonist radioligand for A2B adenosine receptors. Biochemical Pharmacology, 2001, 61, 657-663.	4.4	89
545	Structurally related nucleotides as selective agonists and antagonists at P2Y1 receptors. Il Farmaco, 2001, 56, 71-75.	0.9	5
546	RIBOSE MODIFIED NUCLEOSIDES AND NUCLEOTIDES AS LIGANDS FOR PURINE RECEPTORS. Nucleosides, Nucleotides and Nucleic Acids, 2001, 20, 333-341.	1.1	10
547	The A₃ Adenosine Receptor Induces Cytoskeleton Rearrangement in Human Astrocytoma Cells via a Specific Action on Rho Proteins. Annals of the New York Academy of Sciences, 2001, 939, 63-73.	3.8	29
548	Activity of novel adenine nucleotide derivatives as agonists and antagonists at recombinant rat P2X receptors. Drug Development Research, 2000, 49, 253-259.	2.9	65
549	Purification and recognition of recombinant mouse P2X1 receptors expressed in a baculovirus system. Drug Development Research, 2000, 51, 7-19.	2.9	4
550	Inhibition of ecto-apyrase and ecto-ATPase by pyridoxal phosphate-related compounds. Drug Development Research, 2000, 51, 153-158.	2.9	9
551	The utilization of a unified pharmacophore query in the discovery of new antagonists of the adenosine receptor family. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 31-34.	2.2	30
552	Site-directed mutagenesis studies of human A2A adenosine receptors. Biochemical Pharmacology, 2000, 60, 661-668.	4.4	71
553	Synthesis, Biological Activity, and Molecular Modeling of Ribose-Modified Deoxyadenosine Bisphosphate Analogues as P2Y1Receptor Ligands. Journal of Medicinal Chemistry, 2000, 43, 829-842.	6.4	129
554	Activation of the A 3 adenosine receptor affects cell cycle progression and cell growth. Naunyn-Schmiedeberg's Archives of Pharmacology, 2000, 361, 225-234.	3.0	79
555	Activation of A 3 Adenosine Receptor Induces Calcium Entry and Chloride Secretion in A 6 Cells. Journal of Membrane Biology, 2000, 178, 103-113.	2.1	28
556	Distinct cardioprotective effects of adenosine mediated by differential coupling of receptor subtypes to phospholipases C and D. FASEB Journal, 2000, 14, 1423-1431.	0.5	65
557	Versatile Synthesis of 6-Alkyl and Aryl Substituted Pyridoxal Derivatives. Synthesis, 2000, 2000, 119-122.	2.3	10
558	Effects of a Calcimimetic Compound and Naturally Activating Mutations on the Human Ca²⁺Receptor and on Ca²⁺Receptor/Metabotropic Glutamate Chimeric Receptors. Endocrinology, 2000, 141, 4156-4163.	2.8	75

#	Article	IF	Citations
559	A Novel Pharmacological Approach to Treating Cardiac Ischemia. Journal of Biological Chemistry, 2000, 275, 30272-30279.	3.4	53
560	Induction of Apoptosis in Rat Cardiocytes by A3 Adenosine Receptor Activation and Its Suppression by Isoproterenol. Experimental Cell Research, 2000, 257, 111-126.	2.6	76
561	Acyclic Analogues of Deoxyadenosine 3â€˜,5â€˜-Bisphosphates as P2Y1 Receptor Antagonists. Journal of Medicinal Chemistry, 2000, 43, 746-755.	6.4	29
562	Methanocarba Analogues of Purine Nucleosides as Potent and Selective Adenosine Receptor Agonists. Journal of Medicinal Chemistry, 2000, 43, 2196-2203.	6.4	127
563	In search of selective P2 receptor ligands: interaction of dihydropyridine derivatives at recombinant rat P2X2 receptors. Journal of the Autonomic Nervous System, 2000, 81, 152-157.	1.9	19
564	Anilide Derivatives of an 8-Phenylxanthine Carboxylic Congener Are Highly Potent and Selective Antagonists at Human A2BAdenosine Receptors. Journal of Medicinal Chemistry, 2000, 43, 1165-1172.	6.4	192
565	Activity of novel adenine nucleotide derivatives as agonists and antagonists at recombinant rat P2X receptors. Drug Development Research, 2000, 49, 253-259.	2.9	2
566	Effects of a Calcimimetic Compound and Naturally Activating Mutations on the Human Ca2+ Receptor and on Ca2+ Receptor/Metabotropic Glutamate Chimeric Receptors. Endocrinology, 2000, 141, 4156-4163.	2.8	39
567	Uptake of Glucose Analogs Reflects the Rate of Contraction of Cultured Myocytes. Journal of Basic and Clinical Physiology and Pharmacology, 1999, 10, 287-303.	1.3	4
568	The Role of Amino Acids in Extracellular Loops of the Human P2Y1 Receptor in Surface Expression and Activation Processes. Journal of Biological Chemistry, 1999, 274, 14639-14647.	3.4	132
569	Additive Effects of Late Preconditioning Produced By Monophosphoryl Lipid A and the Early Preconditioning Mediated By Adenosine Receptors and K _{ATP} Channel. Circulation, 1999, 99, 3300-3307.	1.6	20
570	Adenosine-induced cell death: evidence for receptor-mediated signalling. Apoptosis: an International Journal on Programmed Cell Death, 1999, 4, 197-211.	4.9	98
571	Synthesis, CoMFA Analysis, and Receptor Docking of 3,5-Diacyl-2,4-Dialkylpyridine Derivatives as Selective A3Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 1999, 42, 706-721.	6.4	187
572	Chronic administration of adenosine A3 receptor agonist and cerebral ischemia: neuronal and glial effects. European Journal of Pharmacology, 1999, 367, 157-163.	3.5	58
573	Protection against ischemic damage by adenosine amine congener, a potent and selective adenosine A1 receptor agonist. European Journal of Pharmacology, 1999, 369, 313-317.	3.5	50
574	1,3-dialkylxanthine derivatives having high potency as antagonists at human A2B adenosine receptors. Drug Development Research, 1999, 47, 45-53.	2.9	67
575	Acyl-hydrazide derivatives of a xanthine carboxylic congener (XCC) as selective antagonists at human A2B adenosine receptors. Drug Development Research, 1999, 47, 178-188.	2.9	33
576	Pyran template approach to the design of novel A3 adenosine receptor antagonists. , 1999, 48, 171-177.		10

#	Article	IF	Citations
577	Functionalized Congeners of 1,4-Dihydropyridines as Antagonist Molecular Probes for A3Adenosine Receptors. Bioconjugate Chemistry, 1999, 10, 667-677.	3.6	15
578	Chiral Resolution and Stereospecificity of 6-Phenyl-4-phenylethynyl- 1,4-dihydropyridines as Selective A3 Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 1999, 42, 3055-3065.	6.4	56
579	Selective A3 Adenosine Receptor Antagonists:â€‰ Water-Soluble 3,5-Diacyl-1,2,4-trialkylpyridinium Salts and Their Oxidative Generation from Dihydropyridine Precursors. Journal of Medicinal Chemistry, 1999, 42, 4232-4238.	6.4	15
580	Role of the Extracellular Loops of G Protein-Coupled Receptors in Ligand Recognition:Â A Molecular Modeling Study of the Human P2Y1Receptor. Biochemistry, 1999, 38, 3498-3507.	2.5	125
581	Characterization of â€œMini-Nucleotidesâ€•as P2X Receptor Agonists in Rat Cardiomyocyte Cultures. An Integrated Synthetic, Biochemical, and Theoretical Study. Journal of Medicinal Chemistry, 1999, 42, 2685-2696.	6.4	20
582	Structureâ^'Activity Relationships of Bisphosphate Nucleotide Derivatives as P2Y1Receptor Antagonists and Partial Agonists. Journal of Medicinal Chemistry, 1999, 42, 1625-1638.	6.4	60
583	Chapter 10 Molecular recognition in P2 receptors: Ligand development aided by molecular modeling and mutagenesis. Progress in Brain Research, 1999, 120, 119-132.	1.4	24
584	Chapter 22 An adenosine A3 receptor-selective agonist does not modulate calcium-activated potassium currents in hippocampal CA1 pyramidal neurons. Progress in Brain Research, 1999, 120, 275-285.	1.4	1
585	Competitive and selective antagonism of P2Y₁ receptors by N⁶â€methyl 2â€²â€deoxyadenosine 3â€²,5â€²â€bisphosphate. British Journal of Pharmacology, 1998, 124, 1-3.	5.4	188
586	Activation and desensitization of rat A3-adenosine receptors by selective adenosine derivatives and xanthine-7-ribosides. , 1998, 44, 97-105.		17
587	Synthesis and structure-activity relationships of pyridoxal-6-arylazo-5?-phosphate and phosphonate derivatives as P2 receptor antagonists. , 1998, 45, 52-66.		35
588	A3 adenosine receptors: Protective vs. damaging effects identified using novel agonists and antagonists. , 1998, 45, 113-124.		34
589	Adenosine A3 receptors and viability of astrocytes. , 1998, 45, 379-386.		43
590	Adenosine receptor subtypes and cardioprotection. Drug Development Research, 1998, 45, 394-401.	2.9	2
591	Adenosine A3 receptors: novel ligands and paradoxical effects. Trends in Pharmacological Sciences, 1998, 19, 184-191.	8.7	292
592	Apoptosis by 2-chloro-2â€²-deoxy-adenosine and 2-chloro-adenosine in human peripheral blood mononuclear cells. Neurochemistry International, 1998, 32, 493-504.	3.8	74
593	Activation of the A2A adenosine receptor inhibits nitric oxide production in glial cells. FEBS Letters, 1998, 429, 139-142.	2.8	69
594	Molecular Modeling Studies of Human A3Adenosine Antagonists:â€‰ Structural Homology and Receptor Docking. Journal of Chemical Information and Computer Sciences, 1998, 38, 1239-1248.	2.8	51

#	Article	IF	Citations
595	Deoxyadenosine Bisphosphate Derivatives as Potent Antagonists at P2Y1Receptors. Journal of Medicinal Chemistry, 1998, 41, 183-190.	6.4	133
596	A Pyridoxine Cyclic Phosphate and Its 6-Azoaryl Derivative Selectively Potentiate and Antagonize Activation of P2X1 Receptors. Journal of Medicinal Chemistry, 1998, 41, 2201-2206.	6.4	64
597	Derivatives of the Triazoloquinazoline Adenosine Antagonist (CGS 15943) Having High Potency at the Human A_{2B}and A₃Receptor Subtypes. Journal of Medicinal Chemistry, 1998, 41, 2835-2845.	6.4	106
598	Induction of Apoptosis in Cardiac Myocytes by an A3Adenosine Receptor Agonist. Experimental Cell Research, 1998, 243, 383-397.	2.6	91
599	Human P2Y1Receptor:Â Molecular Modeling and Site-Directed Mutagenesis as Tools To Identify Agonist and Antagonist Recognition Sites. Journal of Medicinal Chemistry, 1998, 41, 1456-1466.	6.4	153
600	Flavonoid Derivatives as Adenosine Receptor Antagonists:Â A Comparison of the Hypothetical Receptor Binding Site Based on a Comparative Molecular Field Analysis Model. Journal of Medicinal Chemistry, 1998, 41, 46-52.	6.4	59
601	Structureâ^'Activity Relationships and Molecular Modeling of 3,5-Diacyl-2,4-dialkylpyridine Derivatives as Selective A3 Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 1998, 41, 3186-3201.	6.4	126
602	Synthesis and Biological Activity of a New Series of N6-Arylcarbamoyl, 2-(Ar)alkynyl-N6-arylcarbamoyl, and N6-Carboxamido Derivatives of Adenosine-5â€˜-N-ethyluronamide as A1 and A3 Adenosine Receptor Agonists. Journal of Medicinal Chemistry, 1998, 41, 3174-3185.	6.4	68
603	A Functional Screening of Adenosine Analogues at the Adenosine A2BReceptor: A Search for Potent Agonists. Nucleosides & Nucleotides, 1998, 17, 969-985.	0.5	48
604	Direct Activation of Cystic Fibrosis Transmembrane Conductance Regulator Channels by 8-Cyclopentyl-1,3-dipropylxanthine (CPX) and 1,3-Diallyl-8-cyclohexylxanthine (DAX). Journal of Biological Chemistry, 1998, 273, 5727-5734.	3.4	66
605	A physiological role of the adenosine A3 receptor: Sustained cardioprotection. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 6995-6999.	7.1	202
606	Synthesis AND Adenosine Receptor Affinity of 7-Î²-D-Ribofuranosylxanthine. Nucleosides & Nucleotides, 1998, 17, 759-768.	0.5	5
607	Cardiac myocytes rendered ischemia resistant by expressing the human adenosine A 1 or A 3 receptor. FASEB Journal, 1998, 12, 1785-1792.	0.5	63
608	Structure Activity Relationships of P2 Receptor Agonists and Antagonists. , 1998, , 81-107.		7
609	P2 Receptor Modeling and Identification of Ligand Binding Sites. , 1998, , 135-166.		8
610	Molecular Biology and Pharmacology of Recombinant Adenosine Receptors. Developments in Cardiovascular Medicine, 1998, , 1-20.	0.1	8
611	8-Cyclopentyl-1,3-dipropylxanthine and Other Xanthines Differentially Bind to the Wild-Type and Î”F508 Mutant First Nucleotide Binding Fold (NBF-1) Domains of the Cystic Fibrosis Transmembrane Conductance Regulator. Biochemistry, 1997, 36, 6455-6461.	2.5	70
612	Mutagenesis Reveals Structureâ^'Activity Parallels between Human A2A Adenosine Receptors and Biogenic Amine G Protein-Coupled Receptors. Journal of Medicinal Chemistry, 1997, 40, 2588-2595.	6.4	67

#	Article	IF	Citations
613	Regulation of A1 adenosine receptors by amiodarone and electrical stimulation in rat myocardial cells in vitro. Biochemical Pharmacology, 1997, 54, 583-587.	4.4	10
614	Structureâ"Activity Relationships of 4-(Phenylethynyl)-6-phenyl-1,4- dihydropyridines as Highly Selective A3 Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 1997, 40, 2596-2608.	6.4	86
615	Adenosine A3Receptor Agonists Protect HL-60 and U-937 Cells from Apoptosis Induced by A3Antagonists. Biochemical and Biophysical Research Communications, 1997, 232, 317-322.	2.1	101
616	The A3Adenosine Receptor Mediates Cell Spreading, Reorganization of Actin Cytoskeleton, and Distribution of Bcl-xL: Studies in Human Astroglioma Cells. Biochemical and Biophysical Research Communications, 1997, 241, 297-304.	2.1	88
617	Differential effects of flavonoids on testosterone-metabolizing cytochrome P450s. Life Sciences, 1997, 61, PL75-PL80.	4.3	17
618	Pharmacological characterization of novel A3 adenosine receptor-selective antagonists. Neuropharmacology, 1997, 36, 1157-1165.	4.1	150
619	Towards a revised nomenclature for P1 and P2 receptors. Trends in Pharmacological Sciences, 1997, 18, 79-82.	8.7	315
620	Persistent Activation by and Receptor Reserve for an Irreversible A1-Adenosine Receptor Agonist in DDT1 MF-2 Cells and in Guinea Pig Heart. Molecular Pharmacology, 1997, 52, 491-498.	2.3	26
621	A Mutational Analysis of Residues Essential for Ligand Recognition at the Human P2Y₁Receptor. Molecular Pharmacology, 1997, 52, 499-507.	2.3	123
622	Activation of Hippocampal Adenosine A₃Receptors Produces a Desensitization of A₁Receptor-Mediated Responses in Rat Hippocampus. Journal of Neuroscience, 1997, 17, 607-614.	3.6	159
623	Modulation of Apoptosis by Adenosine in the Central Nervous System: a Possible Role for the A3Receptor.. Annals of the New York Academy of Sciences, 1997, 825, 11-22.	3.8	77
624	Adenosine A1Receptor Agonists as Clinically Viable Agents for Treatment of Ischemic Brain Disorders. Annals of the New York Academy of Sciences, 1997, 825, 23-29.	3.8	43
625	New base-altered adenosine analogues: Synthesis and affinity at adenosine A1 and A2A receptors. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 3085-3090.	2.2	8
626	Adenosine A3 receptor agonist-induced neurotoxicity in rat cerebellar granule neurons. , 1997, 40, 267-273.		41
627	Riboflavin: Inhibitory effects on receptors, G-proteins, and adenylate cyclase. , 1997, 42, 98-108.		3
628	Synthesis and Biological Activities of Flavonoid Derivatives as A3 Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 1996, 39, 2293-2301.	6.4	111
629	Interaction of 1,4-Dihydropyridine and Pyridine Derivatives with Adenosine Receptors:â€‰ Selectivity for A3 Receptors. Journal of Medicinal Chemistry, 1996, 39, 2980-2989.	6.4	108
630	Survey of Nonxanthine Derivatives as Adenosine Receptor Ligands. Nucleosides & Nucleotides, 1996, 15, 693-717.	0.5	29

#	Article	IF	Citations
631	NovelN6-(Substituted-phenylcarbamoyl)adenosine-5â€˜-uronamides as Potent Agonists for A3Adenosine Receptors. Journal of Medicinal Chemistry, 1996, 39, 802-806.	6.4	48
632	Tetrahydrobenzothiophenone Derivatives as a Novel Class of Adenosine Receptor Antagonistsâ€. Journal of Medicinal Chemistry, 1996, 39, 398-406.	6.4	26
633	Identification of potent P_{2Y}â€purinoceptor agonists that are derivatives of adenosine 5â€²â€monophosphate. British Journal of Pharmacology, 1996, 118, 1959-1964.	5.4	50
634	Adenosine receptor ligands: differences with acute versus chronic treatment. Trends in Pharmacological Sciences, 1996, 17, 108-113.	8.7	248
635	Reduction of postischemic brain damage and memory deficits following treatment with the selective adenosine A1 receptor agonist. European Journal of Pharmacology, 1996, 302, 43-48.	3.5	47
636	Hemodynamic effects and histamine release elicited by the selective adenosine A3 receptor agonist 2-Cl-IB-MECA in conscious rats. European Journal of Pharmacology, 1996, 308, 311-314.	3.5	63
637	Site-directed mutagenesis of the human adenosine A2A receptor. Critical involvement of Glu13 in agonist recognition. European Journal of Pharmacology, 1996, 310, 269-272.	3.5	36
638	Induction of Apoptosis in HL-60 Human Promyelocytic Leukemia Cells by Adenosine A3Receptor Agonists. Biochemical and Biophysical Research Communications, 1996, 219, 904-910.	2.1	166
639	Induction of Apoptosis in HL-60 Human Promyelocytic Leukemia Cells by Adenosine A3Receptor Agonists. Biochemical and Biophysical Research Communications, 1996, 221, 849.	2.1	3
640	Postischemic administration of adenosine amine congener (ADAC): analysis of recovery in gerbils. European Journal of Pharmacology, 1996, 316, 171-179.	3.5	52
641	Interactions of Flavonoids and Other Phytochemicals with Adenosine Receptors. Journal of Medicinal Chemistry, 1996, 39, 781-788.	6.4	110
642	Derivatives of the Triazoloquinazoline Adenosine Antagonist (CGS15943) Are Selective for the Human A₃Receptor Subtype. Journal of Medicinal Chemistry, 1996, 39, 4142-4148.	6.4	154
643	6-Phenyl-1,4-dihydropyridine Derivatives as Potent and Selective A3Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 1996, 39, 4667-4675.	6.4	88
644	Effect of Adenosine on Na + and Cl â^' Currents in A 6 Monolayers. Receptor Localization and Messenger Involvement. Journal of Membrane Biology, 1996, 151, 237-245.	2.1	23
645	Radiolabeling and efficient synthesis of tritiated 2-chloro-N6-(3-iodobenzyl)adenosine-5â€²-N-methyluron-amide, a potent, selective A3 adenosine receptor agonist. , 1996, 38, 547-560.		5
646	Molecular architecture of G protein-coupled receptors. Drug Development Research, 1996, 37, 1-38.	2.9	180
647	Activation of phosphoinositide breakdown and elevation of intracellular calcium in a rat RBL-2H3 mast cell line by adenosine analogs: Involvement of A3-adenosine receptors?. , 1996, 39, 36-46.		18
648	Avian and human homologues of the P2Y1 receptor: Pharmacological, signaling, and molecular properties. Drug Development Research, 1996, 39, 253-261.	2.9	18

#	Article	IF	Citations
649	Recent developments in selective agonists and antagonists acting at purine and pyrimidine receptors. Drug Development Research, 1996, 39, 289-300.	2.9	58
650	Effects of Theophylline and Dibutyryl-cAMP on Adenosine Receptors and Heart Rate in Cultured Cardiocytes. Journal of Basic and Clinical Physiology and Pharmacology, 1996, 7, 347-62.	1.3	4
651	Activation of phosphoinositide breakdown and elevation of intracellular calcium in a rat RBLâ€2H3 mast cell line by adenosine analogs: Involvement of A3â€adenosine receptors?. Drug Development Research, 1996, 39, 36-46.	2.9	1
652	Direct preconditioning of cultured chick ventricular myocytes. Novel functions of cardiac adenosine A2a and A3 receptors.. Journal of Clinical Investigation, 1996, 98, 1773-1779.	8.2	124
653	Comparative molecular field analysis of selective A3 adenosine receptor agonists. Bioorganic and Medicinal Chemistry, 1995, 3, 1331-1343.	3.0	31
654	Section Review Central & Peripheral Nervous Systems: P2-Purinoceptors: Advances and therapeutic opportunities. Expert Opinion on Investigational Drugs, 1995, 4, 925-934.	4.1	8
655	Site-directed Mutagenesis Identifies Residues Involved in Ligand Recognition in the Human A2a Adenosine Receptor. Journal of Biological Chemistry, 1995, 270, 13987-13997.	3.4	191
656	A1 Receptor Antagonist 8-Cyclopentyl-1,3-dipropylxanthine Selectively Activates Chloride Efflux from Human Epithelial and Mouse Fibroblast Cell Lines Expressing the Cystic Fibrosis Transmembrane Regulator .DELTA.F508 Mutation. Biochemistry, 1995, 34, 9079-9087.	2.5	57
657	Search for New Purine- and Ribose-Modified Adenosine Analogs as Selective Agonists and Antagonists at Adenosine Receptors. Journal of Medicinal Chemistry, 1995, 38, 1174-1188.	6.4	97
658	Stimulation by Alkylxanthines of Chloride Efflux in CFPAC-1 Cells Does Not Involve A1 Adenosine Receptors. Biochemistry, 1995, 34, 9088-9094.	2.5	40
659	Structure-Activity Relationships of 9-Alkyladenine and Ribose-Modified Adenosine Derivatives at Rat A3 Adenosine Receptors. Journal of Medicinal Chemistry, 1995, 38, 1720-1735.	6.4	72
660	Potent agonist action of 2â€thioether derivatives of adenine nucleotides at adenylyl cyclaseâ€linked P_{2y}â€purinoceptors. British Journal of Pharmacology, 1995, 116, 2611-2616.	5.4	32
661	Presence of Both A1 and A2a Adenosine Receptors in Human Cells and Their Interaction. Biochemical and Biophysical Research Communications, 1995, 208, 871-878.	2.1	13
662	The effects of adenosine A3 receptor stimulation on seizures in mice. European Journal of Pharmacology, 1995, 275, 23-29.	3.5	86
663	Chronic NMDA receptor stimulation: therapeutic implications of its effect on adenosine A1 receptors. European Journal of Pharmacology, 1995, 283, 185-192.	3.5	14
664	Cerebral ischemia in gerbils: effects of acute and chronic treatment with adenosine A2A receptor agonist and antagonist. European Journal of Pharmacology, 1995, 287, 295-302.	3.5	133
665	Adenosine: a Prototherapeutic Concept in Neurodegeneration. Annals of the New York Academy of Sciences, 1995, 765, 163-178.	3.8	40
666	"Cleavable Trifunctional" Approach to Receptor Affinity Labeling: Regeneration of Binding to A1-Adenosine Receptors. Bioconjugate Chemistry, 1995, 6, 255-263.	3.6	24

#	Article	IF	Citations
667	Molecular probes for muscarinic receptors: Functionalized congeners of selective muscarinic antagonists. Life Sciences, 1995, 56, 823-830.	4.3	16
668	Novel ATP Agonists Reveal Receptor Heterogeneity Within P2X and P2Y Subtypes. , 1995, , 149-156.		4
669	Adenosine Receptors:Selective Agonists and Antagonists. , 1995, , 157-166.		20
670	Behavioral Effects of Adenosine Receptor stimulation. , 1995, , 489-498.		7
671	A3-adenosine receptors: Design of selective ligands and therapeutic prospects. Drugs of the Future, 1995, 20, 689.	0.1	132
672	Regulation of Adenosine Receptors in Cultured Heart Cells. Advances in Experimental Medicine and Biology, 1995, 382, 205-215.	1.6	0
673	Adenosine Receptor Prodrugs: Synthesis and Biological Activity of Derivatives of Potent, ArSelective Agonists. Journal of Pharmaceutical Sciences, 1994, 83, 46-53.	3.3	24
674	Structure activity relationships for derivatives of adenosine-5?-triphosphate as agonists at P2 purinoceptors: Heterogeneity within P2x and P2y subtypes. Drug Development Research, 1994, 31, 206-219.	2.9	101
675	Species differences in ligand affinity at central A3-adenosine receptors. Drug Development Research, 1994, 33, 51-59.	2.9	72
676	Molecular modeling of adenosine receptors. The ligand binding site on the rat adenosine A2A receptor. European Journal of Pharmacology, 1994, 268, 95-104.	2.6	44
677	Structure-Activity Relationships of 1,3-Dialkylxanthine Derivatives at Rat A3 Adenosine Receptors. Journal of Medicinal Chemistry, 1994, 37, 3373-3382.	6.4	66
678	2-Substitution of N6-Benzyladenosine-5'-uronamides Enhances Selectivity for A3 Adenosine Receptors. Journal of Medicinal Chemistry, 1994, 37, 3614-3621.	6.4	213
679	Selective Ligands for Rat A3 Adenosine Receptors: Structure-Activity Relationships of 1,3-Dialkylxanthine 7-Riboside Derivatives. Journal of Medicinal Chemistry, 1994, 37, 4020-4030.	6.4	38
680	A Selective Agonist Affinity Label for A3 Adenosine Receptors. Biochemical and Biophysical Research Communications, 1994, 203, 570-576.	2.1	27
681	Characterization of adenosine receptors in intact cultured heart cells. Biochemical Pharmacology, 1994, 48, 727-735.	4.4	29
682	Chronic administration of selective adenosine A1 receptor agonist or antagonist in cerebral ischemia. European Journal of Pharmacology, 1994, 256, 161-167.	3.5	104
683	Adenosine A3 receptor stimulation and cerebral ischemia. European Journal of Pharmacology, 1994, 263, 59-67.	3.5	266
684	Chronic adenosine A1 receptor agonist and antagonist: effect on receptor density and induced seizures in mice. European Journal of Pharmacology, 1994, 253, 95-99.	3.5	64

#	Article	IF	Citations
685	Comparative studies on the affinities of ATP derivatives for P_{2X}â€purinoceptors in rat urinary bladder. British Journal of Pharmacology, 1994, 112, 1151-1159.	5.4	59
686	Differential effects of P₂â€purinoceptor antagonists on phospholipase Câ€•and adenylyl cyclaseâ€coupled P_{2Y}â€purinoceptors. British Journal of Pharmacology, 1994, 113, 614-620.	5.4	129
687	Structure-Activity Relationships of N6-Benzyladenosine-5'-uronamides as A3-Selective Adenosine Agonists. Journal of Medicinal Chemistry, 1994, 37, 636-646.	6.4	248
688	The role of adenosine receptors in the central action of caffeine. Pharmacopsychoecologia, 1994, 7, 201-213.	0.0	22
689	Molecular characterization of A1 and A2a adenosine receptors. Drug Development Research, 1993, 28, 226-231.	2.9	15
690	Adenosine A1 receptor and ligand molecular modeling. Drug Development Research, 1993, 28, 237-243.	2.9	22
691	8-(3-Isothiocyanatostyryl)caffeine is a selective, irreversible inhibitor of striatal A2-Adenosine receptors. Drug Development Research, 1993, 29, 292-298.	2.9	8
692	Effects of combinations of methylxanthines and adenosine analogs on locomotor activity in control and chronic caffeine-treated mice. Drug Development Research, 1993, 30, 104-110.	2.9	14
693	Acute treatment of mice with high doses of caffeine: An animal model for choreiform movement. Drug Development Research, 1993, 30, 121-128.	2.9	7
694	Chronic caffeine alters the density of adenosine, adrenergic, cholinergic, GABA, and serotonin receptors and calcium channels in mouse brain. Cellular and Molecular Neurobiology, 1993, 13, 247-261.	3.3	149
695	Locomotor activity in mice during chronic treatment with caffeine and withdrawal. Pharmacology Biochemistry and Behavior, 1993, 44, 199-216.	2.9	86
696	Covalent binding of a selective agonist irreversibly activates guinea pig coronary artery A2 adenosine receptors. Naunyn-Schmiedeberg's Archives of Pharmacology, 1993, 347, 521-526.	3.0	21
697	8-(3-Chlorostyryl)caffeine (CSC) is a selective A2 -adenosine antagonist in vitro and in vivo. FEBS Letters, 1993, 323, 141-144.	2.8	158
698	A role for central A3-adenosine receptors. FEBS Letters, 1993, 336, 57-60.	2.8	145
699	Effects of N6-cyclopentyl adenosine and 8-cyclopentyl-1,3-dipropylxanthine on induced seizures in mice. European Journal of Pharmacology, 1993, 249, 265-270.	3.5	68
700	Effects of chronic administration of adenosine A1 receptor agonist and antagonist on spatial learning and memory. European Journal of Pharmacology, 1993, 249, 271-280.	3.5	80
701	Solubilized Rabbit Striatal A2a-Adenosine Receptors: Stability and Antagonist Binding. Archives of Biochemistry and Biophysics, 1993, 305, 611-617.	3.0	6
702	Structure-activity relationships of 8-styrylxanthines as A2-selective adenosine antagonists. Journal of Medicinal Chemistry, 1993, 36, 1333-1342.	6.4	151

#	Article	IF	Citations
703	Effect of trifluoromethyl and other substituents on activity of xanthines at adenosine receptors. Journal of Medicinal Chemistry, 1993, 36, 2639-2644.	6.4	50
704	Identification of potent, selective P2Y-purinoceptor agonists: structure-activity relationships for 2-thioether derivatives of adenosine 5'-triphosphate. Journal of Medicinal Chemistry, 1993, 36, 3937-3946.	6.4	116
705	Synthesis and biological activity of N6-(p-sulfophenyl)alkyl and N6-sulfoalkyl derivatives of adenosine: water-soluble and peripherally selective adenosine agonists. [Erratum to document cited in CA117(23):234413y]. Journal of Medicinal Chemistry, 1993, 36, 3218-3218.	6.4	0
706	Characterization of Human Striatal A2-Adenosine Receptors Using Radioligand Binding and Photoaffinity Labeling. Journal of Receptors and Signal Transduction, 1992, 12, 149-169.	1.2	40
707	Synthesis and biological activity of N6-(p-sulfophenyl)alkyl and N6-sulfoalkyl derivatives of adenosine: water-soluble and peripherally selective adenosine agonists.. Journal of Medicinal Chemistry, 1992, 35, 4143-4149.	6.4	47
708	High affinity acylating antagonists for muscarinic receptors. Life Sciences, 1992, 51, 345-351.	4.3	6
709	Molecular probes for muscarinic receptors: derivatives of the M1-antagonist telenzepine. Bioconjugate Chemistry, 1992, 3, 234-240.	3.6	16
710	Penetration of adenosine antagonists into mouse brain as determined by ex vivo binding. Biochemical Pharmacology, 1992, 43, 889-894.	4.4	67
711	Muscarinic receptor probes based on amine congeners of pirenzepine and telenzepine. Bioorganic and Medicinal Chemistry Letters, 1992, 2, 845-850.	2.2	3
712	2-[2-[4-[2-[2-[1,3-Dihydro-1,1-bis(4-hydroxyphenyl)-3-oxo-5-isobenzofuranthioureidyl]ethylaminocarbonyl]ethyl]phenyl] ethylamino]-5?-N-ethylcarboxamidoadenosine (FITC-APEC): A fluorescent ligand for A2a-adenosine receptors. Journal of Fluorescence, 1992, 2, 217-223.	2.5	26
713	Adenosine receptors: pharmacology, structure-activity relationships, and therapeutic potential. Journal of Medicinal Chemistry, 1992, 35, 407-422.	6.4	488
714	Adenosine A1 and A2 receptors: Structureâ€“function relationships. Medicinal Research Reviews, 1992, 12, 423-471.	10.5	144
715	TRIFUNCTIONAL LIGANDS: A RADIOIODINATED HIGH AFFINITY ACYLATING ANTAGONIST FOR THE A ADENOSINE RECEPTOR. Pharmacology Communications, 1992, 1, 145-154.	0.2	6
716	Functionalized congener approach to muscarinic antagonists: analogs of pirenzepine. Journal of Medicinal Chemistry, 1991, 34, 2133-2145.	6.4	31
717	[3H]XAC (xanthine amine congener) is a radioligand for A2-adenosine receptors in rabbit striatum. Neurochemistry International, 1991, 18, 207-213.	3.8	14
718	Muscarinic receptor binding and activation of second messengers by substituted N-methyl-N-[4-(1-azacycloalkyl)-2-butynyl]acetamides. Journal of Medicinal Chemistry, 1991, 34, 1073-1079.	6.4	14
719	Novel therapeutics acting via purine receptors. Biochemical Pharmacology, 1991, 41, 1399-1410.	4.4	62
720	Trifunctional agents as a design strategy for tailoring ligand properties: irreversible inhibitors of A1 adenosine receptors. Bioconjugate Chemistry, 1991, 2, 77-88.	3.6	22

#	Article	IF	Citations
721	Apparent heterogeneity of cardiac A 1 adenosine receptors as revealed by radioligand binding experiments on N-ethylmaleimide-treated membranes. Naunyn-Schmiedeberg's Archives of Pharmacology, 1991, 344, 639-44.	3.0	10
722	Purine Functionalized Congeners as Molecular Probes for Adenosine Receptors. Nucleosides & Nucleotides, 1991, 10, 1029-1038.	0.5	15
723	APEC, An A₂-Selective Adenosine Agonist, is a More Potent Locomotor Depressant Than N⁶-Cyclohexyladenosine. Nucleosides & Nucleotides, 1991, 10, 1211-1212.	0.5	3
724	PHOTOLABILE A-ADENOSINE RECEPTOR AGONISTS AS "CAGED" ELECTROPHYSIOLOGICAL PROBES. Medicinal Chemistry Research, 1991, 1, 322-329.	2.4	1
725	[79] Probing adenosine receptors using biotinylated purine derivatives. Methods in Enzymology, 1990, 184, 668-671.	1.0	6
726	Improvement of cold tolerance by selective A1 adenosine receptor antagonists in rats. Pharmacology Biochemistry and Behavior, 1990, 37, 107-112.	2.9	12
727	Functionalized congener approach for the design of novel muscarinic agents. Synthesis and pharmacological evaluation of N-methyl-N-[4-(1-pyrrolidinyl)-2-butynyl] amides. Journal of Medicinal Chemistry, 1990, 33, 741-748.	6.4	17
728	Improving cold resistance by selective A1 adenosine receptor antagonist in rats. European Journal of Pharmacology, 1990, 183, 681.	3.5	0
729	Characterization of the locomotor depression produced by an A2 -selective adenosine agonist. FEBS Letters, 1990, 261, 67-70.	2.8	59
730	Purification and characterization of bovine cerebral cortex A1 adenosine receptor1. Archives of Biochemistry and Biophysics, 1990, 283, 440-446.	3.0	27
731	Radioligand Binding Assays for Adenosine Receptors. , 1990, , 17-55.		9
732	Fluorine-18 labeled insulin: a prosthetic group methodology for incorporation of a positron emitter into peptides and proteins. Biochemistry, 1989, 28, 4801-4806.	2.5	62
733	Seizures induced by methylxanthines, potential cognitive enhancers in dementia syndromes. Journal of Neural Transmission Parkinson's Disease and Dementia Section, 1989, 1, 45-45.	1.2	0
734	Agonist derived molecular probes for A2 adenosine receptors. Journal of Molecular Recognition, 1989, 2, 170-178.	2.1	43
735	Affinity chromatography of the bovine cerebral cortex A1 adenosine receptor. FEBS Letters, 1989, 257, 292-296.	2.8	15
736	Potent convulsant actions of the adenosine receptor antagonist, xanthine amine congener (XAC). Life Sciences, 1989, 45, 719-728.	4.3	23
737	Sulfur-containing 1,3-dialkylxanthine derivatives as selective antagonists at A1-adenosine receptors. Journal of Medicinal Chemistry, 1989, 32, 1873-1879.	6.4	45
738	Electrophilic derivatives of purines as irreversible inhibitors of A1 adenosine receptors. Journal of Medicinal Chemistry, 1989, 32, 1043-1051.	6.4	44

#	Article	IF	Citations
739	Identification of the A2 adenosine receptor binding subunit by photoaffinity crosslinking. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 6572-6576.	7.1	90
740	A Functionalized Congener Approach to Muscarinic Ligands. Advances in Behavioral Biology, 1989, , 1-9.	0.2	1
741	A prosthetic group for the rapid introduction of fluorine into peptides and functionalized drugs. Journal of Fluorine Chemistry, 1988, 39, 339-347.	1.7	28
742	Non-xanthine heterocycles: Activity as antagonists of A1 and A2-adenosine receptors. Biochemical Pharmacology, 1988, 37, 655-664.	4.4	64
743	8-substituted xanthines as antagonists at A1- and A2-adenosine receptors. Biochemical Pharmacology, 1988, 37, 3653-3661.	4.4	38
744	Autoradiographic localization of mouse brain adenosine receptors with an antagonist ([3H]xanthine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	17
745	Xanthine functionalized congeners as potent ligands at A2-adenosine receptors. Journal of Medicinal Chemistry, 1987, 30, 211-214.	6.4	26
746	Autoradiographic localization of adenosine A1 receptors in rat brain using [3H]XCC, a functionalized congener of 1,3-dipropylxanthine. Neuroscience Letters, 1987, 81, 69-74.	2.1	12
747	Molecular probes for extracellular adenosine receptors. Biochemical Pharmacology, 1987, 36, 1697-1707.	4.4	63
748	Adenosine analogs with covalently attached lipids have enhanced potency at A1 -adenosine receptors. FEBS Letters, 1987, 225, 97-102.	2.8	14
749	Liquid chromatographic assay for cerebrospinal fluid normetanephrine. Life Sciences, 1987, 40, 1513-1521.	4.3	1
750	Binary drugs: conjugates of purines and a peptide that bind to both adenosine and substance P receptors. Journal of Medicinal Chemistry, 1987, 30, 1529-1532.	6.4	16
751	New high-performance liquid chromatographic procedure for the detection and quantification of Î²-phenylethylamine. Biomedical Applications, 1987, 415, 124-128.	1.7	8
752	Interaction of Dihydropyridine Calcium Channel Agonists and Antagonists with Adenosine Receptors. Basic and Clinical Pharmacology and Toxicology, 1987, 61, 121-125.	0.0	33
753	N6-Functionalized congeners of adenosine with high potency at A2-adenosine receptors: Potential ligands for affinity chromatography. Biochemical and Biophysical Research Communications, 1986, 136, 1097-1102.	2.1	11
754	A [3 H]amine congener of 1,3-dipropyl-8-phenylxanthine. FEBS Letters, 1986, 199, 269-274.	2.8	44
755	Species differences in structure-activity relationships of adenosine agonists and xanthine antagonists at brain A1 adenosine receptors. FEBS Letters, 1986, 209, 122-128.	2.8	92
756	Liquid chromatographic assay for cerebrospinal fluid serotonin. Life Sciences, 1986, 38, 687-694.	4.3	21

#	Article	IF	Citations
757	Functionalized congeners of 1,3-dipropyl-8-phenylxanthine: Potent antagonists for adenosine receptors that modulate membrane adenylate cyclase in pheochromocytoma cells, platelets and fat cells. Life Sciences, 1986, 38, 797-807.	4.3	62
758	[3H]xanthine amine congener of 1,3-dipropyl-8-phenylxanthine: an antagonist radioligand for adenosine receptors.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 4089-4093.	7.1	111
759	Simultaneous determination of histamine and Nï„-methylhistamine with high-performance liquid chromatography using electrochemical detection. Analytical Biochemistry, 1986, 152, 127-135.	2.4	27
760	Synthesis of tritiated functionalized congeners of 1.3-dipropylxanthine having high affinity at adenosine receptors. Journal of Labelled Compounds and Radiopharmaceuticals, 1986, 23, 519-526.	1.0	2
761	Californium-252 plasma desorption mass spectrometry as an aid in the synthesis of a series of adenosine and xanthine conjugates. Journal of the Chemical Society Perkin Transactions 1, 1986, , 2143.	0.9	5
762	Functionalized congeners of 1,3-dialkylxanthines: preparation of analogs with high affinity for adenosine receptors. Journal of Medicinal Chemistry, 1985, 28, 1334-1340.	6.4	114
763	Functionalized congeners of adenosine: preparation of analogs with high affinity for A1-adenosine receptors. Journal of Medicinal Chemistry, 1985, 28, 1341-1346.	6.4	78
764	"Mediator methodology" for the synthesis of peptides in a two-polymeric system. Journal of the American Chemical Society, 1985, 107, 4249-4252.	13.7	35
765	Electrochemical detection of biogenic amines following acylation by N-hydroxysuccinimide esters. FEBS Letters, 1985, 188, 307-311.	2.8	12
766	Probing the adenosine receptor with adenosine and xanthine biotin conjugates. FEBS Letters, 1985, 184, 30-35.	2.8	28
767	Photogenerated reagents in biochemistry and molecular biology. Analytical Biochemistry, 1984, 140, 596.	2.4	0
768	Characterization of catecholamine-polypeptide conjugates. European Polymer Journal, 1983, 19, 997-1004.	5.4	4
769	Photochemically induced nuclear polarization probes for thiol groups in peptides and proteins. Journal of the Chemical Society Chemical Communications, 1983, , 1384.	2.0	3
770	Conjugates of catecholamines. 1. N-Alkyl-functionalized carboxylic acid congeners and amides related to isoproterenol. Journal of Medicinal Chemistry, 1983, 26, 492-499.	6.4	47
771	Visual methods for the nanomolar detection of electrophilic reagents. Journal of Proteomics, 1983, 8, 213-222.	2.4	4
772	Growth, Texture, and Surface Morphology of SiC Layers. Journal of the Electrochemical Society, 1971, 118, 1001.	2.9	25
773	Modified Nucleosides as Selective Modulators of Adenosine Receptors for Therapeutic Use. , 0, , 433-449.		0
774	Allosteric Coupling of Drug Binding and Intracellular Signaling in the A_{2A} Adenosine Receptor. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	Citations
775	Fluorescent A2A and A3 adenosine receptor antagonists as flow cytometry probes. Purinergic Signalling, 0, , .	2.2	4
776	Machine Learning for Discovery of New ADORA Modulators. Frontiers in Pharmacology, 0, 13, .	3.5	3