Romeo Romagnoli

List of Publications by Year
in descending order

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204 papers	7,302 citations	50276 46 h-index	82547 72 g-index
208 all docs	208 docs citations	208 times ranked	7678 citing authors

#	Article	IF	Citations
1	Design, Synthesis, and Biological Evaluation of New 8-Heterocyclic Xanthine Derivatives as Highly Potent and Selective Human A2BAdenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2004, 47, 1434-1447.	6.4	359
2	DNA minor groove binders as potential antitumor and antimicrobial agents. Medicinal Research Reviews, 2004, 24, 475-528.	10.5	343
3	Mastering .beta.-Keto Esters. Chemical Reviews, 1995, 95, 1065-1114.	47.7	234
4	Synthesis and Antitumor Activity of 1,5-Disubstituted 1,2,4-Triazoles as Cis-Restricted Combretastatin Analogues. Journal of Medicinal Chemistry, 2010, 53, 4248-4258.	6.4	149
5	Heterocyclic and Phenyl Double-Bond-Locked Combretastatin Analogues Possessing Potent Apoptosis-Inducing Activity in HL60 and in MDR Cell Lines. Journal of Medicinal Chemistry, 2005, 48, 723-736.	6.4	143
6	Synthesis and Biological Evaluation of 2- and 3-Aminobenzo[b]thiophene Derivatives as Antimitotic Agents and Inhibitors of Tubulin Polymerization. Journal of Medicinal Chemistry, 2007, 50, 2273-2277.	6.4	131
7	A3 Adenosine Receptor Ligands: History and Perspectives. , 2000, 20, 103-128.		130
8	Antimicrobial and antitumor activity of n-heteroimmine-1,2,3-dithiazoles and their transformation in triazolo-, imidazo-, and pyrazolopirimidines. Bioorganic and Medicinal Chemistry, 2002, 10, 449-456.	3.0	117
9	Structural and Conformational Requisites in DNA Quadruplex Groove Binding: Another Piece to the Puzzle. Journal of the American Chemical Society, 2010, 132, 6425-6433.	13.7	111
10	A₃ Adenosine Receptors as Modulators of Inflammation: From Medicinal Chemistry to Therapy. Medicinal Research Reviews, 2018, 38, 1031-1072.	10.5	111
11	Synthesis and Evaluation of 1,5-Disubstituted Tetrazoles as Rigid Analogues of Combretastatin A-4 with Potent Antiproliferative and Antitumor Activity. Journal of Medicinal Chemistry, 2012, 55, 475-488.	6.4	109
12	Novel Combretastatin Analogues Endowed with Antitumor Activity. Journal of Medicinal Chemistry, 2006, 49, 3143-3152.	6.4	107
13	7-Substituted 5-Amino-2-(2-furyl)pyrazolo[4,3-e]-1,2,4-triazolo[1,5-c]pyrimidines as A2AAdenosine Receptor Antagonists:Â A Study on the Importance of Modifications at the Side Chain on the Activity and Solubility. Journal of Medicinal Chemistry, 2002, 45, 115-126.	6.4	101
14	Design, synthesis, and biological evaluation of thiophene analogues of chalcones. Bioorganic and Medicinal Chemistry, 2008, 16, 5367-5376.	3.0	93
15	Synthesis and Biological Evaluation of 1-Methyl-2-(3â€²,4â€²,5â€²-trimethoxybenzoyl)-3-aminoindoles as a New Class of Antimitotic Agents and Tubulin Inhibitors. Journal of Medicinal Chemistry, 2008, 51, 1464-1468.	6.4	90
16	Pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidine Derivatives as Highly Potent and Selective Human A3Adenosine Receptor Antagonists:Â Influence of the Chain at the N8Pyrazole Nitrogen. Journal of Medicinal Chemistry, 2000, 43, 4768-4780.	6.4	89
17	Synthesis and biological effects of a new series of 2-amino-3-benzoylthiophenes as allosteric enhancers of A1-adenosine receptor. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 1953-1957.	2.2	84
18	The P2X₇receptor as a therapeutic target. Expert Opinion on Therapeutic Targets, 2008, 12, 647-661.	3.4	82

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19	Pyrazolo[4,3-e]-1,2,4-triazolo[1,5-c]pyrimidine Derivatives as Highly Potent and Selective Human A3Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 1999, 42, 4473-4478.	6.4	80
20	Synthesis and Biological Evaluation of 2-(Alkoxycarbonyl)-3-Anilinobenzo[b]thiophenes and Thieno[2,3-b]pyridines as New Potent Anticancer Agents. Journal of Medicinal Chemistry, 2013, 56, 2606-2618.	6.4	80
21	Agonists and Antagonists Acting at P2X7 Receptor. Current Topics in Medicinal Chemistry, 2004, 4, 1707-1717.	2.1	80
22	Convergent Synthesis and Biological Evaluation of 2-Amino-4-(3â€²,4â€²,5â€²-trimethoxyphenyl)-5-aryl Thiazoles as Microtubule Targeting Agents. Journal of Medicinal Chemistry, 2011, 54, 5144-5153.	6.4	79
23	Design, Synthesis, DNA Binding, and Biological Evaluation of Water-Soluble Hybrid Molecules Containing Two Pyrazole Analogues of the Alkylating Cyclopropylpyrroloindole (CPI) Subunit of the Antitumor Agent CC-1065 and Polypyrrole Minor Groove Binders. Journal of Medicinal Chemistry, 2001, 44, 2536-2543.	6.4	78
24	Design, Synthesis, and Biological Evaluation of Hybrid Molecules Containing Î±-Methylene-Î³-butyrolactones and Polypyrrole Minor Groove Binders. Journal of Medicinal Chemistry, 2004, 47, 2877-2886.	6.4	75
25	Design, Synthesis, and Biological Evaluation of C9- and C2-Substituted Pyrazolo[4,3-e]-1,2,4-triazolo[1,5-c]pyrimidines as New A2Aand A3Adenosine Receptors Antagonists. Journal of Medicinal Chemistry, 2003, 46, 1229-1241.	6.4	70
26	Synthesis and Biological Activity ofN-Arylpiperazine-Modified Analogues of KN-62, a Potent Antagonist of the Purinergic P2X7Receptor. Journal of Medicinal Chemistry, 2003, 46, 1318-1329.	6.4	69
27	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
28	Design, synthesis and structureâ€“activity relationship of 2-(3â€²,4â€²,5â€²-trimethoxybenzoyl)-benzo[b]furan derivatives as a novel class of inhibitors of tubulin polymerization. Bioorganic and Medicinal Chemistry, 2009, 17, 6862-6871.	3.0	68
29	Synthesis, in Vitro Antiproliferative Activity, and DNA-Binding Properties of Hybrid Molecules Containing Pyrrolo[2,1-c][1,4]benzodiazepine and Minor-Groove-Binding Oligopyrrole Carriers. Journal of Medicinal Chemistry, 1999, 42, 5131-5141.	6.4	64
30	N6-[(Hetero)aryl/(cyclo)alkyl-carbamoyl-methoxy-phenyl]-(2-chloro)-5â€²-N-ethylcarboxamido-adenosines: The first example of adenosine-related structures with potent agonist activity at the human A2B adenosine receptor. Bioorganic and Medicinal Chemistry, 2007, 15, 2514-2527.	3.0	62
31	Synthesis and Biological Evaluation of 2-Amino-3-(3â€˜,4â€˜,5â€˜-trimethoxybenzoyl)-5-aryl Thiophenes as a New Class of Potent Antitubulin Agents. Journal of Medicinal Chemistry, 2006, 49, 3906-3915.	6.4	61
32	TRR469, a potent A1 adenosine receptor allosteric modulator, exhibits anti-nociceptive properties in acute and neuropathic pain models in mice. Neuropharmacology, 2014, 81, 6-14.	4.1	59
33	New 2-Arylpyrazolo[4,3-c]quinoline Derivatives as Potent and Selective Human A3Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2005, 48, 5001-5008.	6.4	58
34	Discovery and Optimization of a Series of 2-Aryl-4-Amino-5-(3â€²,4â€²,5â€²-trimethoxybenzoyl)Thiazoles as Novel Anticancer Agents. Journal of Medicinal Chemistry, 2012, 55, 5433-5445.	6.4	57
35	Hybrid molecules between distamycin A and active moieties of antitumor agents. Bioorganic and Medicinal Chemistry, 2007, 15, 17-35.	3.0	56
36	Synthesis and biological evaluation of 2-substituted-4-(3â€²,4â€²,5â€²-trimethoxyphenyl)-5-aryl thiazoles as anticancer agents. Bioorganic and Medicinal Chemistry, 2012, 20, 7083-7094.	3.0	56

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37	New strategies for the synthesis of A3 adenosine receptor antagonists. Bioorganic and Medicinal Chemistry, 2003, 11, 4161-4169.	3.0	55
38	Novel A-Ring and B-Ring Modified Combretastatin A-4 (CA-4) Analogues Endowed with Interesting Cytotoxic Activity. Journal of Medicinal Chemistry, 2008, 51, 6211-6215.	6.4	55
39	Oxazaborolidine catalysed enantioselective reduction of cyclic meso-imides. Tetrahedron: Asymmetry, 1997, 8, 1773-1789.	1.8	53
40	Design, Synthesis, and Biological Activity of Hybrid Compounds between Uramustine and DNA Minor Groove Binder Distamycin A. Journal of Medicinal Chemistry, 2002, 45, 3630-3638.	6.4	53
41	Synthesis and Biological Evaluation of 2-(3â€˜,4â€˜,5â€˜-Trimethoxybenzoyl)-3-Amino 5-Aryl Thiophenes as a New Class of Tubulin Inhibitors. Journal of Medicinal Chemistry, 2006, 49, 6425-6428.	6.4	53
42	2-Arylamino-4-Amino-5-Aroylthiazoles. â€œOne-Potâ€•Synthesis and Biological Evaluation of a New Class of Inhibitors of Tubulin Polymerization. Journal of Medicinal Chemistry, 2009, 52, 5551-5555.	6.4	53
43	Synthesis, Antimitotic and Antivascular Activity of 1-(3â€²,4â€²,5â€²-Trimethoxybenzoyl)-3-arylamino-5-amino-1,2,4-triazoles. Journal of Medicinal Chemistry, 2014, 57, 6795-6808.	6.4	52
44	Total synthesis of (Â±)-epibatidine. Tetrahedron Letters, 1994, 35, 9297-9300.	1.4	51
45	Hybrid Î±-bromoacryloylamido chalcones. Design, synthesis and biological evaluation. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2022-2028.	2.2	50
46	Design, synthesis and antiproliferative activity of novel heterobivalent hybrids based on imidazo[2,1- b][1,3,4]thiadiazole and imidazo[2,1- b][1,3]thiazole scaffolds. European Journal of Medicinal Chemistry, 2015, 101, 205-217.	5.5	50
47	Synthesis and Biological Effects of Novel 2-Amino-3-naphthoylthiophenes as Allosteric Enhancers of the A1Adenosine Receptor. Journal of Medicinal Chemistry, 2003, 46, 794-809.	6.4	48
48	Synthesis and Antitumor Activity of New Benzoheterocyclic Derivatives of Distamycin A. Journal of Medicinal Chemistry, 2000, 43, 2675-2684.	6.4	47
49	Design, Synthesis, in Vitro, and in Vivo Anticancer and Antiangiogenic Activity of Novel 3-Arylaminobenzofuran Derivatives Targeting the Colchicine Site on Tubulin. Journal of Medicinal Chemistry, 2015, 58, 3209-3222.	6.4	47
50	Synthesis and Biological Evaluation of 2-Amino-3-(4-Chlorobenzoyl)-4-[N-(Substituted) Piperazin-1-yl]Thiophenes as Potent Allosteric Enhancers of the A_₁ Adenosine Receptor. Journal of Medicinal Chemistry, 2008, 51, 5875-5879.	6.4	46
51	Anticancer activity of novel hybrid molecules containing 5-benzylidene thiazolidine-2,4-dione. European Journal of Medicinal Chemistry, 2013, 63, 544-557.	5.5	46
52	New Pyrrolo[2,1-f]purine-2,4-dione and Imidazo[2,1-f]purine-2,4-dione Derivatives as Potent and Selective Human A3Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2005, 48, 4697-4701.	6.4	45
53	Concise Synthesis and Biological Evaluation of 2-Aroyl-5-Amino Benzo[b]thiophene Derivatives As a Novel Class of Potent Antimitotic Agents. Journal of Medicinal Chemistry, 2013, 56, 9296-9309.	6.4	44
54	Synthesis and biological evaluation of 2-(3â€²,4â€²,5â€²-trimethoxybenzoyl)-3-aryl/arylaminobenzo[b]thiophene derivatives as a novel class of antiproliferative agents. European Journal of Medicinal Chemistry, 2010, 45, 5781-5791.	5.5	42

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55	Hybrid molecules containing benzo[4,5]imidazo[1,2-d][1,2,4]thiadiazole and Î±-bromoacryloyl moieties as potent apoptosis inducers on human myeloid leukaemia cells. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2844-2848.	2.2	41
56	Synthesis and biological evaluation of 2-(3â€²,4â€²,5â€²-trimethoxybenzoyl)-3-N,N-dimethylamino benzo[b]furan derivatives as inhibitors of tubulin polymerization. Bioorganic and Medicinal Chemistry, 2008, 16, 8419-8426.	3.0	40
57	Substituted 2-(3â€²,4â€²,5â€²-trimethoxybenzoyl)-benzo[b]thiophene derivatives as potent tubulin polymerization inhibitors. Bioorganic and Medicinal Chemistry, 2010, 18, 5114-5122.	3.0	40
58	Design, synthesis and biological evaluation of 3,5-disubstituted 2-amino thiophene derivatives as a novel class of antitumor agents. Bioorganic and Medicinal Chemistry, 2014, 22, 5097-5109.	3.0	40
59	Allosteric Enhancers for A1 Adenosine Receptor. Mini-Reviews in Medicinal Chemistry, 2007, 7, 559-569.	2.4	39
60	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
61	Cytotoxic Î±-Halogenoacrylic Derivatives of Distamycin A and Congeners. Journal of Medicinal Chemistry, 2004, 47, 2611-2623.	6.4	37
62	Cinnamoyl nitrogen mustard derivatives of pyrazole analogues of tallimustine modified at the amidino moiety: design, synthesis, molecular modeling and antitumor activity studies. Bioorganic and Medicinal Chemistry, 2004, 12, 3911-3921.	3.0	37
63	Novel benzoyl nitrogen mustard derivatives of pyrazole analogues of distamycin A: synthesis and antileukemic activity. Bioorganic and Medicinal Chemistry, 1999, 7, 251-262.	3.0	36
64	Recent developments in the field of A2A and A3 adenosine receptor antagonists. European Journal of Medicinal Chemistry, 2003, 38, 367-382.	5.5	36
65	Design, Synthesis, and Biological Evaluation of Hybrid Molecules Containing Î±-Methylene-Î³-Butyrolactones and Î±-Bromoacryloyl Moieties. Journal of Medicinal Chemistry, 2005, 48, 7906-7910.	6.4	36
66	7-Oxo-[1,4]oxazino[2,3,4-ij]quinoline-6-carboxamides as Selective CB₂ Cannabinoid Receptor Ligands: Structural Investigations around a Novel Class of Full Agonists. Journal of Medicinal Chemistry, 2012, 55, 6608-6623.	6.4	36
67	[3H]-MRE 2029-F20, a selective antagonist radioligand for the human A2B adenosine receptors. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 3607-3610.	2.2	35
68	Pyrazolo[4,3-e]1,2,4-Triazolo[1,5-c]Pyrimidine Ligands, New Tools to Characterize A3 Adenosine Receptors in Human Tumor Cell Lines. Current Medicinal Chemistry, 2005, 12, 1319-1329.	2.4	35
69	Recent improvements in the development of A2B adenosine receptor agonists. Purinergic Signalling, 2009, 5, 3-19.	2.2	34
70	Oxazaborolidine catalyzed enantioselective reductions of cyclic meso-imides. Tetrahedron Letters, 1994, 35, 1087-1090.	1.4	33
71	TR-644 a novel potent tubulin binding agent induces impairment of endothelial cells function and inhibits angiogenesis. Angiogenesis, 2013, 16, 647-662.	7.2	33
72	Positive allosteric modulation of A1 adenosine receptors as a novel and promising therapeutic strategy for anxiety. Neuropharmacology, 2016, 111, 283-292.	4.1	33

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73	Design, Synthesis, and Biological Evaluation of 6-Substituted Thieno[3,2-d]pyrimidine Analogues as Dual Epidermal Growth Factor Receptor Kinase and Microtubule Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 1274-1290.	6.4	33
74	A convenient synthesis of unsymmetrically substituted terphenyls of biologically active stilbenes via a double Suzuki cross-coupling protocol. Tetrahedron Letters, 2003, 44, 3005-3008.	1.4	32
75	One-pot synthesis and biological evaluation of 2-pyrrolidinyl-4-amino-5-(3â€²,4â€²,5â€²-trimethoxybenzoyl)thiazole: A unique, highly active antimicrotubule agent. European Journal of Medicinal Chemistry, 2011, 46, 6015-6024.	5.5	32
76	Synthesis of 2-amino-3-heteroaroylthiophenes and evaluation of their activity as potential allosteric enhancers at the human A1 receptor. European Journal of Medicinal Chemistry, 2004, 39, 855-865.	5.5	31
77	Synthesis of conformationally constrained analogues of KN62, a potent antagonist of the P2X 7 -receptor. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 681-684.	2.2	30
78	Synthesis of Nitro Esters of Prednisolone, New Compounds Combining Pharmacological Properties of Both Glucocorticoids and Nitric Oxide. Journal of Medicinal Chemistry, 2004, 47, 711-719.	6.4	30
79	Synthesis of novel antimitotic agents based on 2-amino-3-aroyl-5-(hetero)arylethynyl thiophene derivatives. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2746-2751.	2.2	29
80	Design and Synthesis of Potent in Vitro and in Vivo Anticancer Agents Based on 1-(3â€²,4â€²,5â€²-Trimethoxyphenyl)-2-Aryl-1H-Imidazole. Scientific Reports, 2016, 6, 26602.	3.3	29
81	Recent developments in the field of A3 adenosine receptor antagonists. Drug Development Research, 2003, 58, 315-329.	2.9	28
82	Design, synthesis and biological activity of a pyrrolo [2,1-c][1,4]benzodiazepine (PBD)-distamycin hybrid. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 3019-3024.	2.2	27
83	Synthesis and Biological Evaluation of 2-Amino-3-(4-chlorobenzoyl)-4-[(4-arylpiperazin-1-yl)methyl]-5-substituted-thiophenes. Effect of the 5-Modification on Allosteric Enhancer Activity at the A1 Adenosine Receptor. Journal of Medicinal Chemistry, 2012, 55, 7719-7735.	6.4	27
84	Inhibition of activated STAT5 in Bcr/Abl expressing leukemia cells with new pimozide derivatives. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4568-4574.	2.2	27
85	Liposomes- and ethosomes-associated distamycins: a comparative study. Journal of Liposome Research, 2010, 20, 277-285.	3.3	26
86	Pyrrolo- and pyrazolo-[3,4-e][1,2,4]triazolo[1,5-c]pyrimidines as adenosine receptor antagonists. Bioorganic and Medicinal Chemistry, 2012, 20, 1046-1059.	3.0	26
87	Synthesis and Biological Evaluation of Novel Allosteric Enhancers of the A₁ Adenosine Receptor Based on 2-Amino-3-(4â€²-Chlorobenzoyl)-4-Substituted-5-Arylethynyl Thiophene. Journal of Medicinal Chemistry, 2014, 57, 7673-7686.	6.4	26
88	Enantioselective synthesis of (â^')-meroquinene through tandem Michael reaction methodology.. Tetrahedron, 1994, 50, 2583-2590.	1.9	25
89	Regioselective One-Pot Synthesis of 9-Alkyl-6-chloropyrido[3,2-e][1,2,4]triazolo[4,3-a]pyrazines. Reactivity of Aliphatic and Aromatic Hydrazides. Journal of Organic Chemistry, 2005, 70, 2878-2880.	3.2	25
90	7-Substituted-pyrrolo[3,2-d]pyrimidine-2,4-dione derivatives as antagonists of the transient receptor potential ankyrin 1 (TRPA1) channel: A promising approach for treating pain and inflammation. Bioorganic and Medicinal Chemistry, 2012, 20, 1690-1698.	3.0	25

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91	Allosteric modulation of A1-adenosine receptor: a review. Drug Discovery Today: Technologies, 2013, 10, e285-e296.	4.0	25
92	Pronounced anti-proliferative activity and tumor cell selectivity of 5-alkyl-2-amino-3-methylcarboxylate thiophenes. European Journal of Medicinal Chemistry, 2017, 132, 219-235.	5.5	25
93	Design, synthesis, inÂvitro and inÂvivo biological evaluation of 2-amino-3-aroylbenzo[b]furan derivatives as highly potent tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2020, 200, 112448.	5.5	25
94	Enantiodivergent synthesis of 2-hydroxymethyl-3-hydroxy-4-nitro-pyrrolidines through tandem Michael-Henry reaction using L-serine as the chiral educt. Tetrahedron Letters, 1996, 37, 7599-7602.	1.4	24
95	Synthesis and growth inhibition activity of Î±-Bromoacrylic heterocyclic and benzoheterocyclic derivatives of distamycin A modified on the amidino moiety. Bioorganic and Medicinal Chemistry, 2003, 11, 965-975.	3.0	24
96	Asymmetrical Nitrido Tc-99m Heterocomplexes as Potential Imaging Agents for Benzodiazepine Receptors. Bioconjugate Chemistry, 2003, 14, 1279-1288.	3.6	24
97	Synthesis and Biological Evaluation of Novel 1-Deoxy-1-[6-[((hetero)arylcarbonyl)hydrazino]-9H-purin-9-yl]-N-ethyl-Î²-d-ribofuranuronamide Derivatives as Useful Templates for the Development of A2BAdenosine Receptor Agonists. Journal of Medicinal Chemistry, 2007, 50, 374-380.	6.4	24
98	Discovery of 7-Oxopyrazolo[1,5-a]pyrimidine-6-carboxamides as Potent and Selective CB₂ Cannabinoid Receptor Inverse Agonists. Journal of Medicinal Chemistry, 2013, 56, 4482-4496.	6.4	24
99	Benzoyl and cinnamoyl nitrogen mustard derivatives of benzoheterocyclic analogues of the tallimustine: synthesis and antitumour activity. Bioorganic and Medicinal Chemistry, 2002, 10, 1611-1618.	3.0	23
100	Synthesis and Biological Evaluation of Novel N6-[4-(Substituted)sulfonamidophenylcarbamoyl]adenosine-5â€˜-uronamides as A3 Adenosine Receptor Agonists. Journal of Medicinal Chemistry, 2004, 47, 5535-5540.	6.4	23
101	Synthesis and biological evaluation of 2-amino-3-(3â€²,4â€²,5â€²-trimethoxybenzoyl)-6-substituted-4,5,6,7-tetrahydrothieno[2,3-c]pyridine derivatives as antimitotic agents and inhibitors of tubulin polymerization. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5041-5045.	2.2	23
102	Design, synthesis and biological evaluation of 3-substituted-2-oxindole hybrid derivatives as novel anticancer agents. European Journal of Medicinal Chemistry, 2017, 134, 258-270.	5.5	23
103	Synthesis and preliminary biological evaluation of [3H]-MRE 3008-F20: the first high affinity radioligand antagonist for the human A3 adenosine receptors. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 209-211.	2.2	22
104	Synthesis of a new series of pyrazolo[1,5â€a]pyrimidines structurally related to zaleplon. Journal of Heterocyclic Chemistry, 2007, 44, 355-361.	2.6	22
105	Design, synthesis and biological evaluation of novel vicinal diaryl-substituted 1H-Pyrazole analogues of combretastatin A-4 as highly potent tubulin polymerization inhibitors. European Journal of Medicinal Chemistry, 2019, 181, 111577.	5.5	22
106	A New Synthetic Approach to Indazole Synthesis. Synthesis, 1997, 1997, 1140-1142.	2.3	21
107	Pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidine derivatives as adenosine receptor ligands: A starting point for searching A2B adenosine receptor antagonists. Drug Development Research, 2001, 53, 225-235.	2.9	21
108	An efficient one-pot synthesis of 6-alkoxy-8,9-dialkylpurines via reaction of 5-amino-4-chloro-6-alkylaminopyrimidines with N,N-dimethylalkaneamides and alkoxide ions. Tetrahedron, 2002, 58, 7607-7611.	1.9	21

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109	Microwave-assisted synthesis of thieno[2,3-c]pyridine derivatives as a new series of allosteric enhancers at the adenosine A1 receptor. Bioorganic and Medicinal Chemistry Letters, 2006, 16, 5530-5533.	2.2	21
110	Ligands for A2B Adenosine Receptor Subtype. Current Medicinal Chemistry, 2006, 13, 3467-3482.	2.4	20
111	Novel 1,3-Dipropyl-8-(3-benzimidazol-2-yl-methoxy-1-methylpyrazol-5-yl)xanthines as Potent and Selective A_{2B} Adenosine Receptor Antagonists. Journal of Medicinal Chemistry, 2012, 55, 797-811.	6.4	19
112	Current status of A1 adenosine receptor allosteric enhancers. Future Medicinal Chemistry, 2015, 7, 1247-1259.	2.3	19
113	Effects of Pimozide Derivatives on pSTAT5 in K562 Cells. ChemMedChem, 2017, 12, 1183-1190.	3.2	19
114	Structure-activity relationship of novel tallimustine derivatives: synthesis and antitumor activity. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 1247-1252.	2.2	18
115	Pyrazolo[4,3-e][1,2,4]Triazolo[1,5-c]Pyrimidine Template: Organic and Medicinal Chemistry Approach. Current Organic Chemistry, 2006, 10, 259-275.	1.6	18
116	Cinnamic acid derivatives linked to arylpiperazines as novel potent inhibitors of tyrosinase activity and melanin synthesis. European Journal of Medicinal Chemistry, 2022, 231, 114147.	5.5	18
117	Synthesis and preliminary biological evaluation of new anti-tubulin agents containing different benzoheterocycles. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4048-4052.	2.2	17
118	Recent progress in the discovery of antagonists acting at P2X7receptor. Expert Opinion on Therapeutic Patents, 2005, 15, 271-287.	5.0	17
119	Synthesis and Biological Evaluation of 2-aroyl-4-phenyl-5- hydroxybenzofurans as a New Class of Antitubulin Agents. Medicinal Chemistry, 2008, 4, 558-564.	1.5	17
120	Synthesis and biological effects of novel 2-amino-3-(4-chlorobenzoyl)-4-substituted thiophenes as allosteric enhancers ofÂthe A1 adenosine receptor. European Journal of Medicinal Chemistry, 2013, 67, 409-427.	5.5	17
121	Design, synthesis and biological evaluation of arylcinnamide hybrid derivatives as novel anticancer agents. European Journal of Medicinal Chemistry, 2014, 81, 394-407.	5.5	17
122	Pyrazole phenylcyclohexylcarbamates as inhibitors of human fatty acid amide hydrolases (FAAH). European Journal of Medicinal Chemistry, 2015, 97, 289-305.	5.5	17
123	Vascular disrupting activity of combretastatin analogues. Vascular Pharmacology, 2016, 83, 78-89.	2.1	17
124	Synthesis and Biological Evaluation of 2-Methyl-4,5-Disubstituted Oxazoles as a Novel Class of Highly Potent Antitubulin Agents. Scientific Reports, 2017, 7, 46356.	3.3	17
125	Synthesis and antitumor activity of novel distamycin derivatives. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 1241-1246.	2.2	16
126	Structureâ€“activity relationship studies of a new series of imidazo[2,1-f]purinones as potent and selective A3 adenosine receptor antagonists. Bioorganic and Medicinal Chemistry, 2008, 16, 10281-10294.	3.0	16

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