Andrea Brancale

List of Publications by Year
in descending order

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216	6,858	71061	85498
papers	citations	41 h-index	71 g-index

239	239	239	8365
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fluoxetine targets an allosteric site in the enterovirus 2C AAA+ ATPase and stabilizes a ring-shaped hexameric complex. Science Advances, 2022, 8, eabj7615.	4.7	11
2	Identification of SARS-CoV-2 inhibitors targeting Mpro and PLpro using in-cell-protease assay. Communications Biology, 2022, 5, 169.	2.0	118
3	CHIKV strains Brazil (wt) and Ross (lab-adapted) differ with regard to cell host range and antiviral sensitivity and show CPE in human glioblastoma cell lines U138 and U251. Virus Genes, 2022, 58, 188-202.	0.7	4
4	Synthesis and Biological Evaluation of Highly Active 7-Anilino Triazolopyrimidines as Potent Antimicrotubule Agents. Pharmaceutics, 2022, 14, 1191.	2.0	7
5	New avenues for therapy in mitochondrial optic neuropathies. Therapeutic Advances in Rare Disease, 2021, 2, 263300402110290.	0.3	0
6	Evaluation of the Structureâ€“Activity Relationship of Microtubule-Targeting 1,2,4-Triazolo[1,5-a]pyrimidines Identifies New Candidates for Neurodegenerative Tauopathies. Journal of Medicinal Chemistry, 2021, 64, 1073-1102.	2.9	17
7	Targeting the Complement Serine Protease MASP-2 as a Therapeutic Strategy for Coronavirus Infections. Viruses, 2021, 13, 312.	1.5	20
8	A facile synthesis of diaryl pyrroles led to the discovery of potent colchicine site antimitotic agents. European Journal of Medicinal Chemistry, 2021, 214, 113229.	2.6	13
9	The Discovery of a Novel Antimetastatic Bcl3 Inhibitor. Molecular Cancer Therapeutics, 2021, 20, 775-786.	1.9	7
10	Sulfonated cryogel scaffolds for focal delivery in ex-vivo brain tissue cultures. Biomaterials, 2021, 271, 120712.	5.7	12
11	A Computer-Based Methodology to Design Non-Standard Peptides Potentially Able to Prevent HOX-PBX1-Associated Cancer Diseases. International Journal of Molecular Sciences, 2021, 22, 5670.	1.8	3
12	Structure property relationships of N-acylsulfonamides and related bioisosteres. European Journal of Medicinal Chemistry, 2021, 218, 113399.	2.6	20
13	Concise synthesis and biological evaluation of 2-Aryl-3-Anilinobenzo[b]thiophene derivatives as potent apoptosis-inducing agents. Bioorganic Chemistry, 2021, 112, 104919.	2.0	3
14	Structureâ€“Activity Relationship Studies on Novel Antiviral Agents for Norovirus Infections. Microorganisms, 2021, 9, 1795.	1.6	1
15	Carcinogen-induced DNA structural distortion differences in the RAS gene isoforms; the importance of local sequence. BMC Chemistry, 2021, 15, 51.	1.6	3
16	Ligand-based rational design, synthesis and evaluation of novel potential chemical chaperones for opsin. European Journal of Medicinal Chemistry, 2021, 226, 113841.	2.6	5
17	Anti-schistosomal activities of quinoxaline-containing compounds: From hit identification to lead optimisation. European Journal of Medicinal Chemistry, 2021, 226, 113823.	2.6	8
18	SARS-CoV-2 Virusâ˜Host Interaction: Currently Available Structures and Implications of Variant Emergence on Infectivity and Immune Response. International Journal of Molecular Sciences, 2021, 22, 10836.	1.8	25

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19	A Rational Design of Î±-Helix-Shaped Peptides Employing the Hydrogen-Bond Surrogate Approach: A Modulation Strategy for Ras-RasGRF1 Interaction in Neuropsychiatric Disorders. Pharmaceuticals, 2021, 14, 1099.	1.7	5
20	The search for antivirals to treat alphavirus infections. Annual Reports in Medicinal Chemistry, 2021, , 133-151.	0.5	0
21	The ying and yang of idebenone: Not too little, not too much â€“ cell death in NQO1 deficient cells and the mouse retina. Free Radical Biology and Medicine, 2020, 152, 551-560.	1.3	14
22	Synthesis and biological evaluation of novel flexible nucleoside analogues that inhibit flavivirus replication in vitro. Bioorganic and Medicinal Chemistry, 2020, 28, 115713.	1.4	19
23	Discovery of Novel 2-Aniline-1,4-naphthoquinones as Potential New Drug Treatment for Leberâ€™s Hereditary Optic Neuropathy (LHON). Journal of Medicinal Chemistry, 2020, 63, 13638-13655.	2.9	11
24	Enhanced efficacy of endonuclease inhibitor baloxavir acid against orthobunyaviruses when used in combination with ribavirin. Journal of Antimicrobial Chemotherapy, 2020, 75, 3189-3193.	1.3	5
25	Modeling Epac1 interactions with the allosteric inhibitor AM-001 by co-solvent molecular dynamics. Journal of Computer-Aided Molecular Design, 2020, 34, 1171-1179.	1.3	2
26	Diketo acids inhibit the cap-snatching endonuclease of several Bunyavirales. Antiviral Research, 2020, 183, 104947.	1.9	22
27	Novel Nucleoside Analogues as Effective Antiviral Agents for Zika Virus Infections. Molecules, 2020, 25, 4813.	1.7	8
28	Computational Studies towards the Identification of Novel Rhodopsin-Binding Compounds as Chemical Chaperones for Misfolded Opsins. Molecules, 2020, 25, 4904.	1.7	11
29	Drosophila taste neurons as an agonist-screening platform for P2X receptors. Scientific Reports, 2020, 10, 8292.	1.6	3
30	Synthesis and Biological Evaluation of 2-Substituted Benzyl-/Phenylethylamino-4-amino-5-aroylthiazoles as Apoptosis-Inducing Anticancer Agents. Molecules, 2020, 25, 2177.	1.7	6
31	Monoamine Oxidase (MAO-N) Biocatalyzed Synthesis of Indoles from Indolines Prepared via Photocatalytic Cyclization/Arylative Dearomatization. ACS Catalysis, 2020, 10, 6414-6421.	5.5	25
32	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.	2.6	25
33	Characterizing the original antiâ€C5 functionâ€blocking antibody, BB5.1, for species specificity, mode of action and interactions with C5. Immunology, 2020, 161, 103-113.	2.0	11
34	Focal drug administration via heparin-containing cryogel microcarriers reduces cancer growth and metastasis. Carbohydrate Polymers, 2020, 245, 116504.	5.1	16
35	In Vitro Topical Delivery of Chlorhexidine to the Cornea: Enhancement Using Drug-Loaded Contact Lenses and Î²-Cyclodextrin Complexation, and the Importance of Simulating Tear Irrigation. Molecular Pharmaceutics, 2020, 17, 1428-1441.	2.3	20
36	Suramin Inhibits Chikungunya Virus Replication by Interacting with Virions and Blocking the Early Steps of Infection. Viruses, 2020, 12, 314.	1.5	25

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37	Rational modifications, synthesis and biological evaluation of new potential antivirals for RSV designed to target the M2-1 protein. Bioorganic and Medicinal Chemistry, 2020, 28, 115401.	1.4	4
38	Antivirals in medical biodefense. Virus Genes, 2020, 56, 150-167.	0.7	20
39	Design, synthesis and biological evaluation of 2-alkoxycarbonyl-3-anilinoindoles as a new class of potent inhibitors of tubulin polymerization. Bioorganic Chemistry, 2020, 97, 103665.	2.0	16
40	Synthesis and Biological Evaluation of New Antitubulin Agents Containing 2-(3â€²,4â€²,5â€²-trimethoxyanilino)-3,6-disubstituted-4,5,6,7-tetrahydrothieno[2,3-c]pyridine Scaffold. Molecules, 2020, 25, 1690.	1.7	11
41	Synthesis and antiviral effect of novel fluoxetine analogues as enterovirus 2C inhibitors. Antiviral Research, 2020, 178, 104781.	1.9	21
42	Identification of 6-(piperazin-1-yl)-1,3,5-triazine as a chemical scaffold with broad anti-schistosomal activities. Wellcome Open Research, 2020, 5, 169.	0.9	7
43	Identification of 6-(piperazin-1-yl)-1,3,5-triazine as a chemical scaffold with broad anti-schistosomal activities. Wellcome Open Research, 2020, 5, 169.	0.9	7
44	Rational design of highly potent broad-spectrum enterovirus inhibitors targeting the nonstructural protein 2C. PLoS Biology, 2020, 18, e3000904.	2.6	17
45	Title is missing!. , 2020, 18, e3000904.		0
46	Title is missing!. , 2020, 18, e3000904.		0
47	Title is missing!. , 2020, 18, e3000904.		0
48	Title is missing!. , 2020, 18, e3000904.		0
49	Title is missing!. , 2020, 18, e3000904.		0
50	Title is missing!. , 2020, 18, e3000904.		0
51	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.	2.6	22
52	Microwave-assisted organic synthesis of nucleoside ProTide analogues. RSC Advances, 2019, 9, 20113-20117.	1.7	9
53	Fluoxetine Inhibits Enterovirus Replication by Targeting the Viral 2C Protein in a Stereospecific Manner. ACS Infectious Diseases, 2019, 5, 1609-1623.	1.8	50
54	A new series of bicalutamide, enzalutamide and enobosarm derivatives carrying pentafluorosulfanyl (SF5) and pentafluoroethyl (C2F5) substituents: Improved antiproliferative agents against prostate cancer. European Journal of Medicinal Chemistry, 2019, 180, 1-14.	2.6	19

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55	The repositioning of epigenetic probes/inhibitors identifies new anti-schistosomal lead compounds and chemotherapeutic targets. PLoS Neglected Tropical Diseases, 2019, 13, e0007693.	1.3	25
56	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.	2.9	33
57	Synthesis, inÂvitro and inÂvivo biological evaluation of substituted 3-(5-imidazo[2,1-b]thiazolylmethylene)-2-indolinones as new potent anticancer agents. European Journal of Medicinal Chemistry, 2019, 166, 514-530.	2.6	4
58	A novel interaction between dengue virus nonstructural protein 1 and the NS4A-2K-4B precursor is required for viral RNA replication but not for formation of the membranous replication organelle. PLoS Pathogens, 2019, 15, e1007736.	2.1	70
59	Targeting the Viral Polymerase of Diarrhea-Causing Viruses as a Strategy to Develop a Single Broad-Spectrum Antiviral Therapy. Viruses, 2019, 11, 173.	1.5	18
60	A new antiviral scaffold for human norovirus identified with computer-aided approaches on the viral polymerase. Scientific Reports, 2019, 9, 18413.	1.6	8
61	The discovery of purine-based agents targeting triple-negative breast cancer and the Î±B-crystallin/VEGF proteinâ€“protein interaction. Medicinal Chemistry Research, 2019, 28, 182-202.	1.1	5
62	Title is missing!. , 2019, 13, e0007693.		0
63	Title is missing!. , 2019, 13, e0007693.		0
64	Title is missing!. , 2019, 13, e0007693.		0
65	Title is missing!. , 2019, 13, e0007693.		0
66	Rational modifications on a benzylidene-acrylohydrazide antiviral scaffold, synthesis and evaluation of bioactivity against Chikungunya virus. European Journal of Medicinal Chemistry, 2018, 149, 56-68.	2.6	20
67	In silico screening for human norovirus antivirals reveals a novel non-nucleoside inhibitor of the viral polymerase. Scientific Reports, 2018, 8, 4129.	1.6	24
68	Small molecules targeted to the microtubuleâ€“Hec1 interaction inhibit cancer cell growth through microtubule stabilization. Oncogene, 2018, 37, 231-240.	2.6	18
69	Design, synthesis and evaluation against Chikungunya virus of novel small-molecule antiviral agents. Bioorganic and Medicinal Chemistry, 2018, 26, 869-874.	1.4	16
70	Synthesis and biological evaluation of 6-substituted-5-fluorouridine ProTides. Bioorganic and Medicinal Chemistry, 2018, 26, 551-565.	1.4	8
71	2-Alkoxycarbonyl-3-arylamino-5-substituted thiophenes as a novel class of antimicrotubule agents: Design, synthesis, cell growth and tubulin polymerization inhibition. European Journal of Medicinal Chemistry, 2018, 143, 683-698.	2.6	15
72	Combining bioinformatics, cheminformatics, functional genomics and whole organism approaches for identifying epigenetic drug targets in Schistosoma mansoni. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 559-570.	1.4	34

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73	Structure-activity relationship study of itraconazole, a broad-range inhibitor of picornavirus replication that targets oxysterol-binding protein (OSBP). Antiviral Research, 2018, 156, 55-63.	1.9	22
74	3-Aryl/Heteroaryl-5-amino-1-(3â€²,4â€²,5â€²-trimethoxybenzoyl)-1,2,4-triazoles as antimicrotubule agents. Design, synthesis, antiproliferative activity and inhibition of tubulin polymerization. Bioorganic Chemistry, 2018, 80, 361-374.	2.0	16
75	The Molecular Determinants of Small-Molecule Ligand Binding at P2X Receptors. Frontiers in Pharmacology, 2018, 9, 58.	1.6	31
76	Development of a new calcilytic for the treatment of inflammatory lung disease. , 2018, , .		2
77	Shape-based virtual screening, synthesis and evaluation of novel pyrrolone derivatives as antiviral agents against HCV. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 936-940.	1.0	11
78	Virtual screening, <scp>SAR</scp>, and discovery of 5â€(indoleâ€3â€yl)â€2â€[(2â€nitrophenyl)amino] [1,3,4]â€oxadiazole as a novel Bclâ€2 inhibitor. Chemical Biology and Drug Design, 2017, 90, 147-155.	1.5	33
79	Kinase-independent phosphoramidate S1P 1 receptor agonist benzyl ether derivatives. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1371-1378.	1.0	12
80	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.	1.6	17
81	Therapeutically targeting guanylate cyclase-C: computational modeling of plecanatide, a uroguanylin analog. Pharmacology Research and Perspectives, 2017, 5, e00295.	1.1	23
82	3-Aroyl-1,4-diarylpyrroles Inhibit Chronic Myeloid Leukemia Cell Growth through an Interaction with Tubulin. ACS Medicinal Chemistry Letters, 2017, 8, 521-526.	1.3	8
83	Chiral Indolylarylsulfone Non-Nucleoside Reverse Transcriptase Inhibitors as New Potent and Broad Spectrum Anti-HIV-1 Agents. Journal of Medicinal Chemistry, 2017, 60, 6528-6547.	2.9	19
84	Rational design and synthesis of novel phenylsulfonyl-benzamides as anti-prostate cancer agents. MedChemComm, 2017, 8, 1414-1420.	3.5	2
85	Synthesis and evaluation of 5-(1 H -indol-3-yl)- N -aryl-1,3,4-oxadiazol-2-amines as Bcl-2 inhibitory anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1037-1040.	1.0	24
86	Virtual Screening of Acyclovir Derivatives as Potential Antiviral Agents: Design, Synthesis, and Biological Evaluation of New Acyclic Nucleoside ProTides. Journal of Medicinal Chemistry, 2017, 60, 7876-7896.	2.9	12
87	Broad-spectrum non-nucleoside inhibitors for caliciviruses. Antiviral Research, 2017, 146, 65-75.	1.9	17
88	Networks of enzymatically oxidized membrane lipids support calcium-dependent coagulation factor binding to maintain hemostasis. Science Signaling, 2017, 10, .	1.6	40
89	In silico identification, design and synthesis of novel piperazine-based antiviral agents targeting the hepatitis C virus helicase. European Journal of Medicinal Chemistry, 2017, 125, 1115-1131.	2.6	18
90	Discovery of novel dengue virus NS5 methyltransferase non-nucleoside inhibitors by fragment-based drug design. European Journal of Medicinal Chemistry, 2017, 125, 865-880.	2.6	74

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91	Discovery of novel multi-target indole-based derivatives as potent and selective inhibitors of chikungunya virus replication. Bioorganic and Medicinal Chemistry, 2017, 25, 327-337.	1.4	34
92	Editorial for AVCC relaunch issue. Antiviral Chemistry and Chemotherapy, 2017, 25, 1-1.	0.3	0
93	Editorial. Antiviral Chemistry and Chemotherapy, 2017, 25, 19-19.	0.3	0
94	Design and synthesis of novel bicalutamide and enzalutamide derivatives as antiproliferative agents for the treatment of prostate cancer. European Journal of Medicinal Chemistry, 2016, 118, 230-243.	2.6	58
95	Mo1316 Structural and Dynamic Features of Plecanatide: Insights From Molecular Dynamics Simulations. Gastroenterology, 2016, 150, S695.	0.6	3
96	Structural biology in antiviral drug discovery. Current Opinion in Pharmacology, 2016, 30, 116-130.	1.7	9
97	Computer-aided identification, synthesis and evaluation of substituted thienopyrimidines as novel inhibitors of HCV replication. European Journal of Medicinal Chemistry, 2016, 123, 31-47.	2.6	26
98	ProTides of BVdU as potential anticancer agents upon efficient intracellular delivery of their activated metabolites. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5618-5623.	1.0	11
99	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.	1.6	29
100	Rational design and synthesis of novel anti-prostate cancer agents bearing a 3,5-bis-trifluoromethylphenyl moiety. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 3636-3640.	1.0	16
101	Identification of novel 2-(1H-indol-1-yl)-benzohydrazides CXCR4 ligands impairing breast cancer growth and motility. Future Medicinal Chemistry, 2016, 8, 93-106.	1.1	11
102	Quercetin derivatives as novel antihypertensive agents: Synthesis and physiological characterization. European Journal of Pharmaceutical Sciences, 2016, 82, 161-170.	1.9	43
103	Structure-based Virtual Screening to Get New Scaffold Inhibitors of the Ser/Thr Protein Kinase PknB from Mycobacterium tuberculosis. Letters in Drug Design and Discovery, 2016, 13, 1012-1018.	0.4	4
104	Impairment of cocaine-mediated behaviours in mice by clinically relevant Ras-ERK inhibitors. ELife, 2016, 5, .	2.8	35
105	Novel symmetrical phenylenediamines as potential anti-hepatitis C virus agents. Antiviral Chemistry and Chemotherapy, 2015, 24, 155-160.	0.3	1
106	Base damage, local sequence context andTP53mutation hotspots: a molecular dynamics study of benzo[a]pyrene induced DNA distortion and mutability. Nucleic Acids Research, 2015, 43, 9133-9146.	6.5	14
107	In silico structure-based design and synthesis of novel anti-RSV compounds. Antiviral Research, 2015, 122, 46-50.	1.9	16
108	Computer-aided identification of novel anticancer compounds with a possible dual HER1/HER2 inhibition mechanism. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 758-762.	1.0	8

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109	New Indole Tubulin Assembly Inhibitors Cause Stable Arrest of Mitotic Progression, Enhanced Stimulation of Natural Killer Cell Cytotoxic Activity, and Repression of Hedgehog-Dependent Cancer. Journal of Medicinal Chemistry, 2015, 58, 5789-5807.	2.9	51
110	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.	2.9	47
111	Directed evolution of GFP with non-natural amino acids identifies residues for augmenting and photoswitching fluorescence. Chemical Science, 2015, 6, 1159-1166.	3.7	22
112	Haptic-driven, interactive drug design: implementing a GPU-based approach to evaluate the induced fit effect. Faraday Discussions, 2014, 169, 323-342.	1.6	9
113	Indolylarylsulfones Carrying a Heterocyclic Tail as Very Potent and Broad Spectrum HIV-1 Non-nucleoside Reverse Transcriptase Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 9945-9957.	2.9	42
114	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.	1.4	40
115	Characterization of the Mode of Action of a Potent Dengue Virus Capsid Inhibitor. Journal of Virology, 2014, 88, 11540-11555.	1.5	86
116	Small-Molecule Inhibitors of 25-Hydroxyvitamin D-24-Hydroxylase (CYP24A1): Synthesis and Biological Evaluation. Journal of Medicinal Chemistry, 2014, 57, 7702-7715.	2.9	17
117	Molecular dynamics modelling of local 3D structural differences in genes when carcinogens are bound at mutation hotspots â€“ The link between structural change and mutation hotspot status. Toxicology Letters, 2014, 229, S163.	0.4	0
118	Mutait, a new genetic toxicology portal and its applications in human health risk assessment. Toxicology Letters, 2014, 229, S111-S112.	0.4	0
119	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.	2.9	52
120	New Pyrrole Derivatives with Potent Tubulin Polymerization Inhibiting Activity As Anticancer Agents Including Hedgehog-Dependent Cancer. Journal of Medicinal Chemistry, 2014, 57, 6531-6552.	2.9	80
121	Potent, Long-Acting Cyclopentane-1,3-Dione Thromboxane (A₂)-Receptor Antagonists. ACS Medicinal Chemistry Letters, 2014, 5, 1015-1020.	1.3	6
122	Novel styryl-indoles as small molecule inhibitors of 25-hydroxyvitamin D-24-hydroxylase (CYP24A1): Synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2014, 87, 39-51.	2.6	5
123	New indolylarylsulfones as highly potent and broad spectrum HIV-1 non-nucleoside reverse transcriptase inhibitors. European Journal of Medicinal Chemistry, 2014, 80, 101-111.	2.6	21
124	Small Molecule Inhibitors of West Nile Virus. Antiviral Chemistry and Chemotherapy, 2014, 23, 179-187.	0.3	5
125	GPUâ€accelerated molecular mechanics computations. Journal of Computational Chemistry, 2013, 34, 2249-2260.	1.5	16
126	Synthesis and evaluation of 3-(benzylthio)-5-(1H-indol-3-yl)-1,2,4-triazol-4-amines as Bcl-2 inhibitory anticancer agents. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2391-2394.	1.0	25

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127	Design, synthesis and in vitro anticancer evaluation of 4,6-diamino-1,3,5-triazine-2-carbohydrazides and -carboxamides. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6886-6889.	1.0	26
128	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.	2.9	44
129	Design, Synthesis, and Biological Evaluation of 1-Phenylpyrazolo[3,4-e]pyrrolo[3,4-g]indolizine-4,6(1H,5H)-diones as New Glycogen Synthase Kinase-3Î² Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 10066-10078.	2.9	39
130	Toward Highly Potent Cancer Agents by Modulating the C-2 Group of the Arylthioindole Class of Tubulin Polymerization Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 123-149.	2.9	107
131	Synthesis and Biological Evaluation of Purine 2â€²â€Fluoroâ€2â€²â€deoxyriboside ProTides as Antiâ€influenza Virus Agents. ChemMedChem, 2013, 8, 415-425.	1.6	12
132	S[+] Apomorphine is a CNS penetrating activator of the Nrf2-ARE pathway with activity in mouse and patient fibroblast models of amyotrophic lateral sclerosis. Free Radical Biology and Medicine, 2013, 61, 438-452.	1.3	54
133	Synthesis and evaluation against hepatitis C virus of 7-deaza analogues of 2â€²-C-methyl-6-O-methyl guanosine nucleoside and l-Alanine ester phosphoramidates. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2260-2264.	1.0	4
134	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.	2.9	80
135	Computer-aided identification, design and synthesis of a novel series of compounds with selective antiviral activity against chikungunya virus. Antiviral Research, 2013, 98, 12-18.	1.9	87
136	Arylsulfone-based HIV-1 non-nucleoside reverse transcriptase inhibitors. Future Medicinal Chemistry, 2013, 5, 2141-2156.	1.1	17
137	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.	1.4	56
138	Comparative modeling of 25-hydroxycholesterol-7Î±-hydroxylase (CYP7B1): ligand binding and analysis of hereditary spastic paraplegia type 5 CYP7B1 mutations. Journal of Molecular Modeling, 2012, 18, 441-453.	0.8	10
139	The role of substrate specificity and metal binding in defining the activity and structure of an intracellular subtilisin. FEBS Open Bio, 2012, 2, 209-215.	1.0	12
140	Novel retinoic acid 4-hydroxylase (CYP26) inhibitors based on a 3-(1H-imidazol- and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (triazo Chemistry, 2012, 20, 4201-4207.	1.4	13
141	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.	2.9	57
142	Synthesis and CYP26A1 inhibitory activity of novel methyl 3-[4-(arylamino)phenyl]-3-(azole)-2,2-dimethylpropanoates. Bioorganic and Medicinal Chemistry, 2012, 20, 6080-6088.	1.4	12
143	De novo computer-aided design of novel antiviral agents. Drug Discovery Today: Technologies, 2012, 9, e213-e218.	4.0	2
144	Haptic-driven applications to molecular modeling: state-of-the-art and perspectives. Future Medicinal Chemistry, 2012, 4, 1219-1228.	1.1	11

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145	Enzymatic activity of albumin shown by coelenterazine chemiluminescence. Luminescence, 2012, 27, 234-241.	1.5	41
146	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.	2.9	109
147	New Nitrogen Containing Substituents at the Indole-2-carboxamide Yield High Potent and Broad Spectrum Indolylarylsulfone HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors. Journal of Medicinal Chemistry, 2012, 55, 6634-6638.	2.9	52
148	Design of Photocontrolled RNAâ€Binding Peptidomimetics. ChemBioChem, 2012, 13, 515-519.	1.3	8
149	Density functional theory calculation of cyclic carboxylic phosphorus mixed anhydrides as possible intermediates in biochemical reactions: Implications for the Proâ€Tide approach. Journal of Computational Chemistry, 2012, 33, 1029-1037.	1.5	6
150	The Tubulin Colchicine Domain: a Molecular Modeling Perspective. ChemMedChem, 2012, 7, 33-42.	1.6	138
151	Importance of single molecular determinants in the fidelity of expanded genetic codes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 1320-1325.	3.3	22
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