

Andrea Brancale

List of Publications by Year in descending order

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71061

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all docs

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	New Arylthioindoles: A Potent Inhibitors of Tubulin Polymerization. 2. Structure-Activity Relationships and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 947-954.	2.9	331
2	Indole, a core nucleus for potent inhibitors of tubulin polymerization. <i>Medicinal Research Reviews</i> , 2007, 27, 209-238.	5.0	326
3	Arylthioindoles, Potent Inhibitors of Tubulin Polymerization. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 6120-6123.	2.9	260
4	Potent and Selective Inhibition of Varicella-Zoster Virus (VZV) by Nucleoside Analogues with an Unusual Bicyclic Base. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 4479-4484.	2.9	181
5	Arylthioindole Inhibitors of Tubulin Polymerization. 3. Biological Evaluation, Structure-Activity Relationships and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2865-2874.	2.9	177
6	Synthesis and Antitumor Activity of 1,5-Disubstituted 1,2,4-Triazoles as Cis-Restricted Combretastatin Analogues. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4248-4258.	2.9	149
7	The Tubulin Colchicine Domain: a Molecular Modeling Perspective. <i>ChemMedChem</i> , 2012, 7, 33-42.	1.6	138
8	Indolylarylsulfones as HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors: New Cyclic Substituents at Indole-2-carboxamide. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 1587-1598.	2.9	137
9	Exploring the Structural Requirements for Inhibition of the Ubiquitin E3 Ligase Breast Cancer Associated Protein 2 (BCA2) as a Treatment for Breast Cancer. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 2757-2765.	2.9	134
10	Synthesis and Biological Evaluation of 2- and 3-Aminobenzo[b]thiophene Derivatives as Antimitotic Agents and Inhibitors of Tubulin Polymerization. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2273-2277.	2.9	131
11	Identification of SARS-CoV-2 inhibitors targeting Mpro and PLpro using in-cell-protease assay. <i>Communications Biology</i> , 2022, 5, 169.	2.0	118
12	Synthesis and Evaluation of 1,5-Disubstituted Tetrazoles as Rigid Analogues of Combretastatin A-4 with Potent Antiproliferative and Antitumor Activity. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 475-488.	2.9	109
13	Toward Highly Potent Cancer Agents by Modulating the C-2 Group of the Arylthioindole Class of Tubulin Polymerization Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 123-149.	2.9	107
14	Design, synthesis and evaluation of a novel double pro-drug: INX-08189. A new clinical candidate for hepatitis C virus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4850-4854.	1.0	94
15	Design, synthesis, and biological evaluation of thiophene analogues of chalcones. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 5367-5376.	1.4	93
16	Synthesis and Biological Evaluation of 1-Methyl-2-(3,4,5-trimethoxybenzoyl)-3-aminoindoles as a New Class of Antimitotic Agents and Tubulin Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 1464-1468.	2.9	90
17	New Arylthioindoles and Related Bioisosteres at the Sulfur Bridging Group. 4. Synthesis, Tubulin Polymerization, Cell Growth Inhibition, and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7512-7527.	2.9	87
18	Computer-aided identification, design and synthesis of a novel series of compounds with selective antiviral activity against chikungunya virus. <i>Antiviral Research</i> , 2013, 98, 12-18.	1.9	87

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19	Characterization of the Mode of Action of a Potent Dengue Virus Capsid Inhibitor. <i>Journal of Virology</i> , 2014, 88, 11540-11555.	1.5	86
20	Synthesis and Biological Evaluation of 2-(Alkoxy carbonyl)-3-Anilinobenzo[<i>b</i>]thiophenes and Thieno[2,3- <i>b</i>]pyridines as New Potent Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2606-2618.	2.9	80
21	New Pyrrole Derivatives with Potent Tubulin Polymerization Inhibiting Activity As Anticancer Agents Including Hedgehog-Dependent Cancer. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6531-6552.	2.9	80
22	Convergent Synthesis and Biological Evaluation of 2-Amino-4-(3,4,5-trimethoxyphenyl)-5-aryl Thiazoles as Microtubule Targeting Agents. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5144-5153.	2.9	79
23	Discovery of novel dengue virus NS5 methyltransferase non-nucleoside inhibitors by fragment-based drug design. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 865-880.	2.6	74
24	The Application of Phosphoramidate ProTide Technology to Acyclovir Confers Anti-HIV Inhibition. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 5520-5530.	2.9	70
25	Design and Synthesis of 2-Heterocycl-3-arylthio-1- <i>H</i> -indoles as Potent Tubulin Polymerization and Cell Growth Inhibitors with Improved Metabolic Stability. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8394-8406.	2.9	70
26	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. <i>PLoS Pathogens</i> , 2019, 15, e1007736.	2.1	70
27	Design, synthesis and structure-activity relationship of 2-(3,4,5-trimethoxybenzoyl)-benzo[<i>b</i>]furan derivatives as a novel class of inhibitors of tubulin polymerization. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6862-6871.	1.4	68
28	Design and synthesis of novel bicalutamide and enzalutamide derivatives as antiproliferative agents for the treatment of prostate cancer. <i>European Journal of Medicinal Chemistry</i> , 2016, 118, 230-243.	2.6	58
29	Discovery and Optimization of a Series of 2-Aryl-4-Amino-5-(3,4,5-trimethoxybenzoyl)Thiazoles as Novel Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5433-5445.	2.9	57
30	Synthesis and biological evaluation of 2-substituted-4-(3,4,5-trimethoxyphenyl)-5-aryl thiazoles as anticancer agents. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 7083-7094.	1.4	56
31	Indolylarylsulfones Bearing Natural and Unnatural Amino Acids. Discovery of Potent Inhibitors of HIV-1 Non-Nucleoside Wild Type and Resistant Mutant Strains Reverse Transcriptase and Coxsackie B4 Virus. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 1922-1934.	2.9	54
32	S[+] Apomorphine is a CNS penetrating activator of the Nrf2-ARE pathway with activity in mouse and patient fibroblast models of amyotrophic lateral sclerosis. <i>Free Radical Biology and Medicine</i> , 2013, 61, 438-452.	1.3	54
33	2-Arylamino-4-Amino-5-Aroylthiazoles. One-Pot Synthesis and Biological Evaluation of a New Class of Inhibitors of Tubulin Polymerization. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 5551-5555.	2.9	53
34	New Nitrogen Containing Substituents at the Indole-2-carboxamide Yield High Potent and Broad Spectrum Indolylarylsulfone HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6634-6638.	2.9	52
35	Synthesis, Antimitotic and Antivascular Activity of 1-(3,4,5-Trimethoxybenzoyl)-3-arylamino-5-amino-1,2,4-triazoles. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6795-6808.	2.9	52
36	Specific Recognition of the Bicyclic Pyrimidine Nucleoside Analogs, a New Class of Highly Potent and Selective Inhibitors of Varicella-Zoster Virus (VZV), by the VZV-Encoded Thymidine Kinase. <i>Molecular Pharmacology</i> , 2002, 61, 249-254.	1.0	51

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37	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. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5789-5807.	2.9	51
38	Fluoxetine Inhibits Enterovirus Replication by Targeting the Viral 2C Protein in a Stereospecific Manner. <i>ACS Infectious Diseases</i> , 2019, 5, 1609-1623.	1.8	50
39	Design, Synthesis, in Vitro, and in Vivo Anticancer and Antiangiogenic Activity of Novel 3-Arylamino-benzofuran Derivatives Targeting the Colchicine Site on Tubulin. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 3209-3222.	2.9	47
40	Concise Synthesis and Biological Evaluation of 2-Aroyl-5-Amino Benzo[<i>b</i>]thiophene Derivatives As a Novel Class of Potent Antimitotic Agents. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 9296-9309.	2.9	44
41	Quercetin derivatives as novel antihypertensive agents: Synthesis and physiological characterization. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 82, 161-170.	1.9	43
42	Bicyclic nucleoside inhibitors of Varicella-Zoster Virus (VZV): the effect of a terminal halogen substitution in the side-chain. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 1215-1217.	1.0	42
43	Indolylarylsulfones Carrying a Heterocyclic Tail as Very Potent and Broad Spectrum HIV-1 Non-nucleoside Reverse Transcriptase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 9945-9957.	2.9	42
44	Novel Tetralone-Derived Retinoic Acid Metabolism Blocking Agents: Synthesis and in Vitro Evaluation with Liver Microsomal and MCF-7 CYP26A1 Cell Assays. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7123-7131.	2.9	41
45	Novel azolyl-(phenylmethyl)aryl/heteroarylamines: Potent CYP26 inhibitors and enhancers of all-trans retinoic acid activity in neuroblastoma cells. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8301-8313.	1.4	41
46	Discovery of a novel HCV helicase inhibitor by a de novo drug design approach. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2935-2937.	1.0	41
47	Amyloid-Associated Nucleic Acid Hybridisation. <i>PLoS ONE</i> , 2011, 6, e19125.	1.1	41
48	Enzymatic activity of albumin shown by coelenterazine chemiluminescence. <i>Luminescence</i> , 2012, 27, 234-241.	1.5	41
49	Synthesis and biological evaluation of 2-(3,4,5-trimethoxybenzoyl)-3-N,N-dimethylamino benzo[<i>b</i>]furan derivatives as inhibitors of tubulin polymerization. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8419-8426.	1.4	40
50	Substituted 2-(3,4,5-trimethoxybenzoyl)-benzo[<i>b</i>]thiophene derivatives as potent tubulin polymerization inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5114-5122.	1.4	40
51	Design, synthesis and biological evaluation of 3,5-disubstituted 2-amino thiophene derivatives as a novel class of antitumor agents. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5097-5109.	1.4	40
52	Networks of enzymatically oxidized membrane lipids support calcium-dependent coagulation factor binding to maintain hemostasis. <i>Science Signaling</i> , 2017, 10, .	1.6	40
53	Design, Synthesis, and Biological Evaluation of 1-Phenylpyrazolo[3,4- <i>e</i>]pyrrolo[3,4- <i>g</i>]indolizine-4,6(1 <i>H</i> ,5 <i>H</i>)-diones as New Glycogen Synthase Kinase-3 β Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 10066-10078.	2.9	39
54	Novel Potential Anticancer Naphthyl Phosphoramidates of BVdU: A Separation of Diastereoisomers and Assignment of the Absolute Configuration of the Phosphorus Center. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 452-455.	2.9	38

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55	Fluorescent bicyclic furo pyrimidine deoxynucleoside analogs as potent and selective inhibitors of VZV and potential future drugs for the treatment of chickenpox and shingles. <i>Drugs of the Future</i> , 2000, 25, 1151.	0.0	36
56	Impairment of cocaine-mediated behaviours in mice by clinically relevant Ras-ERK inhibitors. <i>ELife</i> , 2016, 5, .	2.8	35
57	Discovery of novel multi-target indole-based derivatives as potent and selective inhibitors of chikungunya virus replication. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 327-337.	1.4	34
58	Combining bioinformatics, cheminformatics, functional genomics and whole organism approaches for identifying epigenetic drug targets in <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2018, 8, 559-570.	1.4	34
59	Virtual screening, <sc>SAR</sc>, and discovery of 5-(indole-3-yl)-2-((2-nitrophenyl)amino)[1,3,4]oxadiazole as a novel Bcl-2 inhibitor. <i>Chemical Biology and Drug Design</i> , 2017, 90, 147-155.	1.5	33
60	Design, Synthesis, and Biological Evaluation of 6-Substituted Thieno[3,2-d]pyrimidine Analogues as Dual Epidermal Growth Factor Receptor Kinase and Microtubule Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 1274-1290.	2.9	33
61	One-pot synthesis and biological evaluation of 2-pyrrolidinyl-4-amino-5-(3,4,5-trimethoxybenzoyl)thiazole: A unique, highly active antimicrotubule agent. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 6015-6024.	2.6	32
62	Furano Pyrimidines as Novel Potent and Selective Anti-VZV Agents. <i>Antiviral Chemistry and Chemotherapy</i> , 2001, 12, 77-89.	0.3	31
63	The Molecular Determinants of Small-Molecule Ligand Binding at P2X Receptors. <i>Frontiers in Pharmacology</i> , 2018, 9, 58.	1.6	31
64	Application of the phosphoramidate ProTide approach to the antiviral drug ribavirin. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 2748-2755.	1.4	29
65	Synthesis of novel antimitotic agents based on 2-amino-3-aryl-5-(hetero)arylethynyl thiophene derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2746-2751.	1.0	29
66	Design and Synthesis of Potent in Vitro and in Vivo Anticancer Agents Based on 1-(3,4,5-Trimethoxyphenyl)-2-Aryl-1H-Imidazole. <i>Scientific Reports</i> , 2016, 6, 26602.	1.6	29
67	Accessible haptic technology for drug design applications. <i>Journal of Molecular Modeling</i> , 2009, 15, 193-196.	0.8	27
68	Small Molecule Inhibitors of Retinoic Acid 4-Hydroxylase (CYP26): Synthesis and Biological Evaluation of Imidazole Methyl 3-(4-(aryl-2-ylamino)phenyl)propanoates. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 2778-2791.	2.9	27
69	Molecular dynamics at the receptor level of immunodominant myelin basic protein epitope 87-99 implicated in multiple sclerosis and its antagonists altered peptide ligands: Triggering of immune response. <i>Journal of Molecular Graphics and Modelling</i> , 2007, 26, 471-481.	1.3	26
70	Design, synthesis and in vitro anticancer evaluation of 4,6-diamino-1,3,5-triazine-2-carbohydrazides and -carboxamides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6886-6889.	1.0	26
71	Computer-aided identification, synthesis and evaluation of substituted thienopyrimidines as novel inhibitors of HCV replication. <i>European Journal of Medicinal Chemistry</i> , 2016, 123, 31-47.	2.6	26
72	Design, synthesis, and anti-HIV activity of 2,3-didehydro-2,3-dideoxyuridine (d4U), 2,3-dideoxyuridine (ddU) phosphoramidate ProTide derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 3666-3669.	1.0	25

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73	Synthesis and evaluation of 3-(benzylthio)-5-(1H-indol-3-yl)-1,2,4-triazol-4-amines as Bcl-2 inhibitory anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 2391-2394.	1.0	25
74	The repositioning of epigenetic probes/inhibitors identifies new anti-schistosomal lead compounds and chemotherapeutic targets. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007693.	1.3	25
75	Monoamine Oxidase (MAO-N) Biocatalyzed Synthesis of Indoles from Indolines Prepared via Photocatalytic Cyclization/Arylative Dearomatization. <i>ACS Catalysis</i> , 2020, 10, 6414-6421.	5.5	25
76	Design, synthesis, in vitro and in vivo biological evaluation of 2-amino-3-arylbenzo[b]furan derivatives as highly potent tubulin polymerization inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112448.	2.6	25
77	Suramin Inhibits Chikungunya Virus Replication by Interacting with Virions and Blocking the Early Steps of Infection. <i>Viruses</i> , 2020, 12, 314.	1.5	25
78	SARS-CoV-2 Virus-Host Interaction: Currently Available Structures and Implications of Variant Emergence on Infectivity and Immune Response. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10836.	1.8	25
79	Bicyclic anti-VZV nucleosides: Thieno analogues retain full antiviral activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001, 11, 2507-2510.	1.0	24
80	Synthesis and CYP24A1 inhibitory activity of (E)-2-(2-substituted benzylidene)- and 2-(2-substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 267 Td (Triazol-1-yl)-	2.6	24
81	Synthesis and evaluation of 5-(1 H -indol-3-yl)- N -aryl-1,3,4-oxadiazol-2-amines as Bcl-2 inhibitory anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1037-1040.	1.0	24
82	In silico screening for human norovirus antivirals reveals a novel non-nucleoside inhibitor of the viral polymerase. <i>Scientific Reports</i> , 2018, 8, 4129.	1.6	24
83	Comparison of Proposed Putative Active Conformations of Myelin Basic Protein Epitope 87-99 Linear Altered Peptide Ligands by Spectroscopic and Modelling Studies: The Role of Positions 91 and 96 in T-Cell Receptor Activation. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 6683-6691.	2.9	23
84	Synthesis and biological evaluation of 2-amino-3-(3,4,5-trimethoxybenzoyl)-6-substituted-4,5,6,7-tetrahydrothieno[2,3-c]pyridine derivatives as antimitotic agents and inhibitors of tubulin polymerization. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5041-5045.	1.0	23
85	Synthesis and Biological Evaluation of 3-(1 <i>H</i> -imidazol- and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (Triazol-1-yl)-Inhibitors of Retinoic Acid 4-Hydroxylase (CYP26). <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6803-6811.	2.9	23
86	Therapeutically targeting guanylate cyclase-C: computational modeling of plecanatide, a uroguanylin analog. <i>Pharmacology Research and Perspectives</i> , 2017, 5, e00295.	1.1	23
87	Homology Model of Human Retinoic Acid Metabolising Enzyme Cytochrome P450 26A1 (CYP26A1): Active Site Architecture and Ligand Binding. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2006, 21, 361-369.	2.5	22
88	Homology model of 1 α ,25-dihydroxyvitamin D3 24-hydroxylase cytochrome P450 24A1 (CYP24A1): Active site architecture and ligand binding. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 104, 53-60.	1.2	22
89	Importance of single molecular determinants in the fidelity of expanded genetic codes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 1320-1325.	3.3	22
90	Directed evolution of GFP with non-natural amino acids identifies residues for augmenting and photoswitching fluorescence. <i>Chemical Science</i> , 2015, 6, 1159-1166.	3.7	22

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91	Structure-activity relationship study of itraconazole, a broad-range inhibitor of picornavirus replication that targets oxysterol-binding protein (OSBP). <i>Antiviral Research</i> , 2018, 156, 55-63.	1.9	22
92	Design, synthesis and biological evaluation of novel vicinal diaryl-substituted 1H-Pyrazole analogues of combretastatin A-4 as highly potent tubulin polymerization inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111577.	2.6	22
93	Diketo acids inhibit the cap-snatching endonuclease of several Bunyavirales. <i>Antiviral Research</i> , 2020, 183, 104947.	1.9	22
94	New indolylarylsulfones as highly potent and broad spectrum HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 101-111.	2.6	21
95	Synthesis and antiviral effect of novel fluoxetine analogues as enterovirus 2C inhibitors. <i>Antiviral Research</i> , 2020, 178, 104781.	1.9	21
96	Molecular Modelling Studies on the Binding of Some Protides to the Putative Human Phosphoramidase Hint1. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 1121-1124.	0.4	20
97	Rational modifications on a benzylidene-acrylohydrazide antiviral scaffold, synthesis and evaluation of bioactivity against Chikungunya virus. <i>European Journal of Medicinal Chemistry</i> , 2018, 149, 56-68.	2.6	20
98	In Vitro Topical Delivery of Chlorhexidine to the Cornea: Enhancement Using Drug-Loaded Contact Lenses and β -Cyclodextrin Complexation, and the Importance of Simulating Tear Irrigation. <i>Molecular Pharmaceutics</i> , 2020, 17, 1428-1441.	2.3	20
99	Antivirals in medical biodefense. <i>Virus Genes</i> , 2020, 56, 150-167.	0.7	20
100	Targeting the Complement Serine Protease MASP-2 as a Therapeutic Strategy for Coronavirus Infections. <i>Viruses</i> , 2021, 13, 312.	1.5	20
101	Structure property relationships of N-acylsulfonamides and related bioisosteres. <i>European Journal of Medicinal Chemistry</i> , 2021, 218, 113399.	2.6	20
102	Synthesis and CYP24A1 inhibitory activity of N-(2-(1H-imidazol-1-yl)-2-phenylethyl)arylamides. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 4939-4946.	1.4	19
103	Chiral Indolylarylsulfone Non-Nucleoside Reverse Transcriptase Inhibitors as New Potent and Broad Spectrum Anti-HIV-1 Agents. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6528-6547.	2.9	19
104	A new series of bicalutamide, enzalutamide and enobosarm derivatives carrying pentafluorosulfanyl (SF5) and pentafluoroethyl (C2F5) substituents: Improved antiproliferative agents against prostate cancer. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 1-14.	2.6	19
105	Synthesis and biological evaluation of novel flexible nucleoside analogues that inhibit flavivirus replication in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115713.	1.4	19
106	In silico identification, design and synthesis of novel piperazine-based antiviral agents targeting the hepatitis C virus helicase. <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 1115-1131.	2.6	18
107	Small molecules targeted to the microtubule-Hec1 interaction inhibit cancer cell growth through microtubule stabilization. <i>Oncogene</i> , 2018, 37, 231-240.	2.6	18
108	Targeting the Viral Polymerase of Diarrhea-Causing Viruses as a Strategy to Develop a Single Broad-Spectrum Antiviral Therapy. <i>Viruses</i> , 2019, 11, 173.	1.5	18

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109	Antiviral Chemistry & Chemotherapy's Current Antiviral Agents FactFile 2006 (1st Edition). Antiviral Chemistry and Chemotherapy, 2006, 17, 113-114.	0.3	17
110	Arylsulfone-based HIV-1 non-nucleoside reverse transcriptase inhibitors. Future Medicinal Chemistry, 2013, 5, 2141-2156.	1.1	17
111	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
112	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
113	Broad-spectrum non-nucleoside inhibitors for caliciviruses. Antiviral Research, 2017, 146, 65-75.	1.9	17
114	Evaluation of the Structure-Activity Relationship of Microtubule-Targeting 1,2,4-Triazolo[1,5-c]pyrimidines Identifies New Candidates for Neurodegenerative Tauopathies. Journal of Medicinal Chemistry, 2021, 64, 1073-1102.	2.9	17
115	Rational design of highly potent broad-spectrum enterovirus inhibitors targeting the nonstructural protein 2C. PLoS Biology, 2020, 18, e3000904.	2.6	17
116	A putative bioactive conformation for the altered peptide ligand of myelin basic protein and inhibitor of experimental autoimmune encephalomyelitis [Arg91, Ala96] MBP87-99. Journal of Molecular Graphics and Modelling, 2006, 25, 17-29.	1.3	16
117	GPU-accelerated molecular mechanics computations. Journal of Computational Chemistry, 2013, 34, 2249-2260.	1.5	16
118	In silico structure-based design and synthesis of novel anti-RSV compounds. Antiviral Research, 2015, 122, 46-50.	1.9	16
119	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
120	Design, synthesis and evaluation against Chikungunya virus of novel small-molecule antiviral agents. Bioorganic and Medicinal Chemistry, 2018, 26, 869-874.	1.4	16
121	3-Aryl/Heteroaryl-5-amino-1-(3,4,5-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
122	Focal drug administration via heparin-containing cryogel microcarriers reduces cancer growth and metastasis. Carbohydrate Polymers, 2020, 245, 116504.	5.1	16
123	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
124	Novel bicyclic furanopyrimidines with dual anti-VZV and -HCMV activity. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 4511-4513.	1.0	15
125	N-METHYLPURINE DNA GLYCOSYLASE AND 8-OXOGUANINE DNA GLYCOSYLASE METABOLIZE THE ANTIVIRAL NUCLEOSIDE 2-BROMO-5,6-DICHLORO-1-(β -D-RIBOFURANOSYL)BENZIMIDAZOLE. Drug Metabolism and Disposition, 2006, 34, 1070-1077.	1.7	15
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