Andrea Brancale

List of Publications by Year
in descending order

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216	6,858	71102	85541
papers	citations	41 h-index	71 g-index

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

#	Article	IF	Citations
1	New Arylthioindoles:Â Potent Inhibitors of Tubulin Polymerization. 2. Structureâ^'Activity Relationships and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2006, 49, 947-954.	6.4	331
2	Indole, a core nucleus for potent inhibitors of tubulin polymerization. Medicinal Research Reviews, 2007, 27, 209-238.	10.5	326
3	Arylthioindoles, Potent Inhibitors of Tubulin Polymerization. Journal of Medicinal Chemistry, 2004, 47, 6120-6123.	6.4	260
4	Potent and Selective Inhibition of Varicella-Zoster Virus (VZV) by Nucleoside Analogues with an Unusual Bicyclic Base. Journal of Medicinal Chemistry, 1999, 42, 4479-4484.	6.4	181
5	Arylthioindole Inhibitors of Tubulin Polymerization. 3. Biological Evaluation, Structureâ^'Activity Relationships and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2007, 50, 2865-2874.	6.4	177
6	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
7	The Tubulin Colchicine Domain: a Molecular Modeling Perspective. ChemMedChem, 2012, 7, 33-42.	3.2	138
8	Indolylarylsulfones as HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors: New Cyclic Substituents at Indole-2-carboxamide. Journal of Medicinal Chemistry, 2011, 54, 1587-1598.	6.4	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. Journal of Medicinal Chemistry, 2010, 53, 2757-2765.	6.4	134
10	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
11	Identification of SARS-CoV-2 inhibitors targeting Mpro and PLpro using in-cell-protease assay. Communications Biology, 2022, 5, 169.	4.4	118
12	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
13	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.	6.4	107
14	Design, synthesis and evaluation of a novel double pro-drug: INX-08189. A new clinical candidate for hepatitis C virus. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4850-4854.	2.2	94
15	Design, synthesis, and biological evaluation of thiophene analogues of chalcones. Bioorganic and Medicinal Chemistry, 2008, 16, 5367-5376.	3.0	93
16	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
17	New Arylthioindoles and Related Bioisosteres at the Sulfur Bridging Group. 4. Synthesis, Tubulin Polymerization, Cell Growth Inhibition, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2009, 52, 7512-7527.	6.4	87
18	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.	4.1	87

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19	Characterization of the Mode of Action of a Potent Dengue Virus Capsid Inhibitor. Journal of Virology, 2014, 88, 11540-11555.	3.4	86
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	New Pyrrole Derivatives with Potent Tubulin Polymerization Inhibiting Activity As Anticancer Agents Including Hedgehog-Dependent Cancer. Journal of Medicinal Chemistry, 2014, 57, 6531-6552.	6.4	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	Discovery of novel dengue virus NS5 methyltransferase non-nucleoside inhibitors by fragment-based drug design. European Journal of Medicinal Chemistry, 2017, 125, 865-880.	5.5	74
24	The Application of Phosphoramidate Protide Technology to Acyclovir Confers Anti-HIV Inhibition. Journal of Medicinal Chemistry, 2009, 52, 5520-5530.	6.4	70
25	Design and Synthesis of 2-Heterocyclyl-3-arylthio-1H-indoles as Potent Tubulin Polymerization and Cell Growth Inhibitors with Improved Metabolic Stability. Journal of Medicinal Chemistry, 2011, 54, 8394-8406.	6.4	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. PLoS Pathogens, 2019, 15, e1007736.	4.7	70
27	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
28	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.	5.5	58
29	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
30	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
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. Journal of Medicinal Chemistry, 2009, 52, 1922-1934.	6.4	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. Free Radical Biology and Medicine, 2013, 61, 438-452.	2.9	54
33	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
34	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.	6.4	52
35	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
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. Molecular Pharmacology, 2002, 61, 249-254.	2.3	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. Journal of Medicinal Chemistry, 2015, 58, 5789-5807.	6.4	51
38	Fluoxetine Inhibits Enterovirus Replication by Targeting the Viral 2C Protein in a Stereospecific Manner. ACS Infectious Diseases, 2019, 5, 1609-1623.	3.8	50
39	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
40	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
41	Quercetin derivatives as novel antihypertensive agents: Synthesis and physiological characterization. European Journal of Pharmaceutical Sciences, 2016, 82, 161-170.	4.0	43
42	Bicyclic nucleoside inhibitors of Varicella-Zoster Virus (VZV): the effect of a terminal halogen substitution in the side-chain. Bioorganic and Medicinal Chemistry Letters, 2000, 10, 1215-1217.	2.2	42
43	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.	6.4	42
44	Novel Tetralone-Derived Retinoic Acid Metabolism Blocking Agents:â€‰ Synthesis and in Vitro Evaluation with Liver Microsomal and MCF-7 CYP26A1 Cell Assays. Journal of Medicinal Chemistry, 2005, 48, 7123-7131.	6.4	41
45	Novel azolyl-(phenylmethyl)]aryl/heteroarylamines: Potent CYP26 inhibitors and enhancers of all-trans retinoic acid activity in neuroblastoma cells. Bioorganic and Medicinal Chemistry, 2008, 16, 8301-8313.	3.0	41
46	Discovery of a novel HCV helicase inhibitor by a de novo drug design approach. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2935-2937.	2.2	41
47	Amyloid-Associated Nucleic Acid Hybridisation. PLoS ONE, 2011, 6, e19125.	2.5	41
48	Enzymatic activity of albumin shown by coelenterazine chemiluminescence. Luminescence, 2012, 27, 234-241.	2.9	41
49	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
50	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
51	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
52	Networks of enzymatically oxidized membrane lipids support calcium-dependent coagulation factor binding to maintain hemostasis. Science Signaling, 2017, 10, .	3.6	40
53	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.	6.4	39
54	Novel Potential Anticancer Naphthyl Phosphoramidates of BVdU:Â Separation of Diastereoisomers and Assignment of the Absolute Configuration of the Phosphorus Center. Journal of Medicinal Chemistry, 2006, 49, 452-455.	6.4	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. Drugs of the Future, 2000, 25, 1151.	0.1	36
56	Impairment of cocaine-mediated behaviours in mice by clinically relevant Ras-ERK inhibitors. ELife, 2016, 5, .	6.0	35
57	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.	3.0	34
58	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.	3.4	34
59	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.	3.2	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. Journal of Medicinal Chemistry, 2019, 62, 1274-1290.	6.4	33
61	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
62	Furano Pyrimidines as Novel Potent and Selective Anti-VZV Agents. Antiviral Chemistry and Chemotherapy, 2001, 12, 77-89.	0.6	31
63	The Molecular Determinants of Small-Molecule Ligand Binding at P2X Receptors. Frontiers in Pharmacology, 2018, 9, 58.	3.5	31
64	Application of the phosphoramidate ProTide approach to the antiviral drug ribavirin. Bioorganic and Medicinal Chemistry, 2010, 18, 2748-2755.	3.0	29
65	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
66	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
67	Accessible haptic technology for drug design applications. Journal of Molecular Modeling, 2009, 15, 193-196.	1.8	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. Journal of Medicinal Chemistry, 2011, 54, 2778-2791.	6.4	27
69	Molecular dynamics at the receptor level of immunodominant myelin basic protein epitope 87â€“99 implicated in multiple sclerosis and its antagonists altered peptide ligands: Triggering of immune response. Journal of Molecular Graphics and Modelling, 2007, 26, 471-481.	2.4	26
70	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.	2.2	26
71	Computer-aided identification, synthesis and evaluation of substituted thienopyrimidines as novel inhibitors of HCV replication. European Journal of Medicinal Chemistry, 2016, 123, 31-47.	5.5	26
72	Design, synthesis, and anti-HIV activity of 2â€²,3â€²-didehydro-2â€²,3â€²-dideoxyuridine (d4U), 2â€²,3â€²-dideoxyuridine (ddU) phosphoramidate â€˜ProTideâ€™ derivatives. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3666-3669.	2.2	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. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2391-2394.	2.2	25
74	The repositioning of epigenetic probes/inhibitors identifies new anti-schistosomal lead compounds and chemotherapeutic targets. PLoS Neglected Tropical Diseases, 2019, 13, e0007693.	3.0	25
75	Monoamine Oxidase (MAO-N) Biocatalyzed Synthesis of Indoles from Indolines Prepared via Photocatalytic Cyclization/Arylative Dearomatization. ACS Catalysis, 2020, 10, 6414-6421.	11.2	25
76	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
77	Suramin Inhibits Chikungunya Virus Replication by Interacting with Virions and Blocking the Early Steps of Infection. Viruses, 2020, 12, 314.	3.3	25
78	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.	4.1	25
79	Bicyclic anti-VZV nucleosides: Thieno analogues retain full antiviral activity. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 2507-2510.	2.2	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	5.5	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. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1037-1040.	2.2	24
82	In silico screening for human norovirus antivirals reveals a novel non-nucleoside inhibitor of the viral polymerase. Scientific Reports, 2018, 8, 4129.	3.3	24
83	Comparison of Proposed Putative Active Conformations of Myelin Basic Protein Epitope 87â˜99 Linear Altered Peptide Ligands by Spectroscopic and Modelling Studies:Â The Role of Positions 91 and 96 in T-Cell Receptor Activation. Journal of Medicinal Chemistry, 2006, 49, 6683-6691.	6.4	23
84	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
85	Synthesis and Biological Evaluation of 3-(1H-Imidazol- and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (Triazol-1-yl)- Inhibitors of Retinoic Acid 4-Hydroxylase (CYP26). Journal of Medicinal Chemistry, 2011, 54, 6803-6811.	6.4	23
86	Therapeutically targeting guanylate cyclase-C: computational modeling of plecanatide, a uroguanylin analog. Pharmacology Research and Perspectives, 2017, 5, e00295.	2.4	23
87	Homology Model of Human Retinoic Acid Metabolising Enzyme Cytochrome P450 26A1 (CYP26A1): Active Site Architecture and Ligand Binding. Journal of Enzyme Inhibition and Medicinal Chemistry, 2006, 21, 361-369.	5.2	22
88	Homology model of 1Î±,25-dihydroxyvitamin D3 24-hydroxylase cytochrome P450 24A1 (CYP24A1): Active site architecture and ligand binding. Journal of Steroid Biochemistry and Molecular Biology, 2007, 104, 53-60.	2.5	22
89	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.	7.1	22
90	Directed evolution of GFP with non-natural amino acids identifies residues for augmenting and photoswitching fluorescence. Chemical Science, 2015, 6, 1159-1166.	7.4	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). Antiviral Research, 2018, 156, 55-63.	4.1	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. European Journal of Medicinal Chemistry, 2019, 181, 111577.	5.5	22
93	Diketo acids inhibit the cap-snatching endonuclease of several Bunyavirales. Antiviral Research, 2020, 183, 104947.	4.1	22
94	New indolylarylsulfones as highly potent and broad spectrum HIV-1 non-nucleoside reverse transcriptase inhibitors. European Journal of Medicinal Chemistry, 2014, 80, 101-111.	5.5	21
95	Synthesis and antiviral effect of novel fluoxetine analogues as enterovirus 2C inhibitors. Antiviral Research, 2020, 178, 104781.	4.1	21
96	Molecular Modelling Studies on the Binding of Some Protides to the Putative Human Phosphoramidase Hint1. Nucleosides, Nucleotides and Nucleic Acids, 2007, 26, 1121-1124.	1.1	20
97	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.	5.5	20
98	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.	4.6	20
99	Antivirals in medical biodefense. Virus Genes, 2020, 56, 150-167.	1.6	20
100	Targeting the Complement Serine Protease MASP-2 as a Therapeutic Strategy for Coronavirus Infections. Viruses, 2021, 13, 312.	3.3	20
101	Structure property relationships of N-acylsulfonamides and related bioisosteres. European Journal of Medicinal Chemistry, 2021, 218, 113399.	5.5	20
102	Synthesis and CYP24A1 inhibitory activity of N-(2-(1H-imidazol-1-yl)-2-phenylethyl)arylamides. Bioorganic and Medicinal Chemistry, 2010, 18, 4939-4946.	3.0	19
103	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.	6.4	19
104	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.	5.5	19
105	Synthesis and biological evaluation of novel flexible nucleoside analogues that inhibit flavivirus replication in vitro. Bioorganic and Medicinal Chemistry, 2020, 28, 115713.	3.0	19
106	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.	5.5	18
107	Small molecules targeted to the microtubuleâ€“Hec1 interaction inhibit cancer cell growth through microtubule stabilization. Oncogene, 2018, 37, 231-240.	5.9	18
108	Targeting the Viral Polymerase of Diarrhea-Causing Viruses as a Strategy to Develop a Single Broad-Spectrum Antiviral Therapy. Viruses, 2019, 11, 173.	3.3	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.	0.6	17
110	Arylsulfone-based HIV-1 non-nucleoside reverse transcriptase inhibitors. Future Medicinal Chemistry, 2013, 5, 2141-2156.	2.3	17
111	Small-Molecule Inhibitors of 25-Hydroxyvitamin D-24-Hydroxylase (CYP24A1): Synthesis and Biological Evaluation. Journal of Medicinal Chemistry, 2014, 57, 7702-7715.	6.4	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.	3.3	17
113	Broad-spectrum non-nucleoside inhibitors for caliciviruses. Antiviral Research, 2017, 146, 65-75.	4.1	17
114	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.	6.4	17
115	Rational design of highly potent broad-spectrum enterovirus inhibitors targeting the nonstructural protein 2C. PLoS Biology, 2020, 18, e3000904.	5.6	17
116	A putative bioactive conformation for the altered peptide ligand of myelin basic protein and inhibitor of experimental autoimmune encephalomyelitis [Arg91, Ala96] MBP87â€“99. Journal of Molecular Graphics and Modelling, 2006, 25, 17-29.	2.4	16
117	GPUâ€accelerated molecular mechanics computations. Journal of Computational Chemistry, 2013, 34, 2249-2260.	3.3	16
118	In silico structure-based design and synthesis of novel anti-RSV compounds. Antiviral Research, 2015, 122, 46-50.	4.1	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.	2.2	16
120	Design, synthesis and evaluation against Chikungunya virus of novel small-molecule antiviral agents. Bioorganic and Medicinal Chemistry, 2018, 26, 869-874.	3.0	16
121	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.	4.1	16
122	Focal drug administration via heparin-containing cryogel microcarriers reduces cancer growth and metastasis. Carbohydrate Polymers, 2020, 245, 116504.	10.2	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.	4.1	16
124	Novel bicyclic furanopyrimidines with dual anti-VZV and -HCMV activity. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 4511-4513.	2.2	15
125	N-METHYLPURINE DNA GLYCOSYLASE AND 8-OXOGUANINE DNA GLYCOSYLASE METABOLIZE THE ANTIVIRAL NUCLEOSIDE 2-BROMO-5,6-DICHLORO-1-(Î²-D-RIBOFURANOSYL)BENZIMIDAZOLE. Drug Metabolism and Disposition, 2006, 34, 1070-1077.	3.3	15
126	Molecular modelling studies on Arylthioindoles as potent inhibitors of tubulin polymerization. European Journal of Medicinal Chemistry, 2011, 46, 3519-3525.	5.5	15

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127	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.	5.5	15
128	Synthesis and Anti-Varicella-Zoster Virus Activity of Some Novel Bicyclic Nucleoside Inhibitors: Effect of Enhanced Aqueous Solubility. Antiviral Chemistry and Chemotherapy, 2000, 11, 383-393.	0.6	14
129	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.	14.5	14
130	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.	2.9	14
131	Novel retinoic acid 4-hydroxylase (CYP26) inhibitors based on a 3-(1H-imidazol- and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Chemistry, 2012, 20, 4201-4207.	3.0	13
132	A facile synthesis of diaryl pyrroles led to the discovery of potent colchicine site antimitotic agents. European Journal of Medicinal Chemistry, 2021, 214, 113229.	5.5	13
133	Evaluation of a Fluorescent Derivative of AMD3100 and its Interaction with the CXCR4 Chemokine Receptor. ChemBioChem, 2011, 12, 2692-2698.	2.6	12
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