

Romano Silvestri

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143
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158
ext. papers

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ext. citations

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L-index

#	Paper	IF	Citations
143	New arylthioindoles: potent inhibitors of tubulin polymerization. 2. Structure-activity relationships and molecular modeling studies. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 947-54	8.3	289
142	Indole, a core nucleus for potent inhibitors of tubulin polymerization. <i>Medicinal Research Reviews</i> , 2007 , 27, 209-38	14.4	281
141	Arylthioindoles, potent inhibitors of tubulin polymerization. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 6120-3	8.3	223
140	Arylthioindole inhibitors of tubulin polymerization. 3. Biological evaluation, structure-activity relationships and molecular modeling studies. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 2865-74	8.3	157
139	New Frontiers in Selective Human MAO-B Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 6717-32	8.3	143
138	Novel indolyl aryl sulfones active against HIV-1 carrying NNRTI resistance mutations: synthesis and SAR studies. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 2482-93	8.3	136
137	Design, molecular modeling, synthesis, and anti-HIV-1 activity of new indolyl aryl sulfones. Novel derivatives of the indole-2-carboxamide. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 3172-84	8.3	135
136	The tubulin colchicine domain: a molecular modeling perspective. <i>ChemMedChem</i> , 2012 , 7, 33-42	3.7	115
135	Indolylarylsulfones as HIV-1 non-nucleoside reverse transcriptase inhibitors: new cyclic substituents at indole-2-carboxamide. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 1587-98	8.3	112
134	Structure-based design, synthesis, and biological evaluation of novel pyrrolyl aryl sulfones: HIV-1 non-nucleoside reverse transcriptase inhibitors active at nanomolar concentrations. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 1886-91	8.3	112
133	2-Sulfonyl-4-chloroanilino moiety: a potent pharmacophore for the anti-human immunodeficiency virus type 1 activity of pyrrolyl aryl sulfones. <i>Journal of Medicinal Chemistry</i> , 1996 , 39, 522-30	8.3	112
132	Boom in the development of non-peptidic beta-secretase (BACE1) inhibitors for the treatment of Alzheimer's disease. <i>Medicinal Research Reviews</i> , 2009 , 29, 295-338	14.4	110
131	New pyrrole inhibitors of monoamine oxidase: synthesis, biological evaluation, and structural determinants of MAO-A and MAO-B selectivity. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 922-31	8.3	106
130	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, 123-49	8.3	91
129	Docking and 3-D QSAR studies on indolyl aryl sulfones. Binding mode exploration at the HIV-1 reverse transcriptase non-nucleoside binding site and design of highly active N-(2-hydroxyethyl)carboxamide and N-(2-hydroxyethyl)carbohydrazide derivatives. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 212-22	8.3	73
128	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, 12-8	10.8	71
127	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, 7512-27	8.3	70

126	Synthesis, cannabinoid receptor affinity, and molecular modeling studies of substituted 1-aryl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 1560-76	8.3	61
125	Synthesis, biological evaluation, and binding mode of novel 1-[2-(diarylmethoxy)ethyl]-2-methyl-5-nitroimidazoles targeted at the HIV-1 reverse transcriptase. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 1567-76	8.3	59
124	Design and synthesis of 2-heterocycl-3-arylthio-1H-indoles as potent tubulin polymerization and cell growth inhibitors with improved metabolic stability. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 8394-408	8.3	58
123	New pyrrole derivatives with potent tubulin polymerization inhibiting activity as anticancer agents including hedgehog-dependent cancer. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 6531-52	8.3	57
122	Bovine serum amine oxidase: half-site reactivity with phenylhydrazine, semicarbazide, and aromatic hydrazides. <i>Biochemistry</i> , 1992 , 31, 2615-21	3.2	55
121	Pyrrolo[1,2-b][1,2,5]benzothiadiazepines (PBTDs): A new class of agents with high apoptotic activity in chronic myelogenous leukemia K562 cells and in cells from patients at onset and who were imatinib-resistant. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 5840-4	8.3	53
120	Indole-2-carboxamides as allosteric modulators of the cannabinoid CB ₁ receptor. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 5627-31	8.3	52
119	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, 1922-34	8.3	52
118	Indolyl aryl sulfones as HIV-1 non-nucleoside reverse transcriptase inhibitors: role of two halogen atoms at the indole ring in developing new analogues with improved antiviral activity. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 5034-8	8.3	52
117	Simple, short peptide derivatives of a sulfonylindolecarboxamide (L-737,126) active in vitro against HIV-1 wild type and variants carrying non-nucleoside reverse transcriptase inhibitor resistance mutations. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 3892-6	8.3	52
116	Looking for an active conformation of the future HIV type-1 non-nucleoside reverse transcriptase inhibitors. <i>Antiviral Chemistry and Chemotherapy</i> , 2010 , 20, 213-37	3.5	50
115	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, 6634-8	8.3	48
114	Novel 1-[2-(diarylmethoxy)ethyl]-2-methyl-5-nitroimidazoles as HIV-1 non-nucleoside reverse transcriptase inhibitors. A structure-activity relationship investigation. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 4378-88	8.3	44
113	5H-pyrrolo[1,2-b][1,2,5]benzothiadiazepines (PBTDs): a novel class of non-nucleoside reverse transcriptase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 1996 , 4, 837-50	3.4	44
112	Venting-while-heating microwave-assisted synthesis of 3-arylthioindoles. <i>ACS Combinatorial Science</i> , 2012 , 14, 258-62	3.9	43
111	Oleuropein, a component of extra virgin olive oil, lowers postprandial glycaemia in healthy subjects. <i>British Journal of Clinical Pharmacology</i> , 2018 , 84, 1566-1574	3.8	42
110	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, 5789-807	8.3	38
109	Imidazole analogues of fluoxetine, a novel class of anti-Candida agents. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 3924-6	8.3	38

108	Simple, potent, and selective pyrrole inhibitors of monoamine oxidase types A and B. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 917-20	8.3	38
107	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, 9945-57	8.3	37
106	1-[2-(Diphenylmethoxy)ethyl]-2-methyl-5-nitroimidazole: a potent lead for the design of novel NNRTIs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000 , 10, 253-6	2.9	37
105	Anti-HIV-1 activity of pyrrol aryl sulfone (PAS) derivatives: synthesis and SAR studies of novel esters and amides at the position 2 of the pyrrole nucleus. <i>Il Farmaco</i> , 2004 , 59, 201-10		36
104	New prospects for vinblastine analogues as anticancer agents. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 625-7	8.3	35
103	Discovery of 1,1'-Biphenyl-4-sulfonamides as a New Class of Potent and Selective Carbonic Anhydrase XIV Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 8564-72	8.3	34
102	Endogenous vs Exogenous Allosteric Modulators in GPCRs: A dispute for shuttling CB1 among different membrane microenvironments. <i>Scientific Reports</i> , 2015 , 5, 15453	4.9	32
101	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-3 inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 10066-78	8.3	31
100	Direct HPLC enantioseparation of chiral aptazepine derivatives on coated and immobilized polysaccharide-based chiral stationary phases. <i>Chirality</i> , 2006 , 18, 621-32	2.1	30
99	Pharmacological folding chaperones act as allosteric ligands of Frizzled4. <i>Nature Chemical Biology</i> , 2015 , 11, 280-6	11.7	28
98	Synthesis of pyrrol aryl sulfones targeted at the HIV-1 reverse transcriptase. <i>Archiv Der Pharmazie</i> , 1995 , 328, 223-9	4.3	28
97	New Inhibitors of Indoleamine 2,3-Dioxygenase 1: Molecular Modeling Studies, Synthesis, and Biological Evaluation. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 9760-9773	8.3	28
96	Synthesis, structure-activity relationships and molecular modeling studies of new indole inhibitors of monoamine oxidases A and B. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 9729-40	3.4	27
95	1-[(3-Aryloxy-3-aryl)propyl]-1H-imidazoles, new imidazoles with potent activity against <i>Candida albicans</i> and dermatophytes. Synthesis, structure-activity relationship, and molecular modeling studies. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 3841-55	8.3	26
94	Distinct Temporal Fingerprint for Cyclic Adenosine Monophosphate (cAMP) Signaling of Indole-2-carboxamides as Allosteric Modulators of the Cannabinoid Receptors. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 5979-88	8.3	25
93	Inhibition of dengue virus replication by novel inhibitors of RNA-dependent RNA polymerase and protease activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 1091-1101	5.6	25
92	In vitro characterisation of a pleconaril/pirodavir-like compound with potent activity against rhinoviruses. <i>Virology Journal</i> , 2015 , 12, 106	6.1	24
91	Indolyl aryl sulphones as HIV-1 non-nucleoside reverse transcriptase inhibitors: synthesis, biological evaluation and binding mode studies of new derivatives at indole-2-carboxamide. <i>Antiviral Chemistry and Chemotherapy</i> , 2006 , 17, 59-77	3.5	23

90	Comparative study between the polysaccharide-based chiralcel OJ and chiralcel OD CSPSs in chromatographic enantioseparation of imidazole analogues of fluoxetine and miconazole. <i>Journal of Separation Science</i> , 2005 , 28, 627-34	3.4	23
89	New 6- and 7-heterocyclyl-1H-indole derivatives as potent tubulin assembly and cancer cell growth inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2018 , 152, 283-297	6.8	22
88	Structure-based lead optimization and biological evaluation of BAX direct activators as novel potential anticancer agents. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 2135-48	8.3	22
87	Discovery of biaryl aminoquinazolines as novel tubulin polymerization inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 4598-4605	8.3	21
86	Exploring the first Rimonabant analog-opioid peptide hybrid compound, as bivalent ligand for CB1 and opioid receptors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017 , 32, 444-451	5.6	20
85	p38 MAPK differentially controls NK activating ligands at transcriptional and post-transcriptional level on multiple myeloma cells. <i>Oncotmunology</i> , 2017 , 6, e1264564	7.2	20
84	Towards modern anticancer agents that interact with tubulin. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 131, 58-68	5.1	20
83	New 1-phenyl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides inhibit hepatitis C virus replication via suppression of cyclooxygenase-2. <i>European Journal of Medicinal Chemistry</i> , 2015 , 90, 497-506	6.8	20
82	Apple can act as anti-aging on yeast cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2012 , 2012, 491759	6.7	20
81	Exploring 4-substituted-2-thiazolylhydrazones from 2-, 3-, and 4-acetylpyridine as selective and reversible hMAO-B inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013 , 66, 221-7	6.8	20
80	Open vessel and cooling while heating microwave-assisted synthesis of pyridinyl N-aryl hydrazones. <i>ACS Combinatorial Science</i> , 2011 , 13, 2-6	3.9	20
79	Heterocycles with a benzothiadiazepine moiety. 3. Synthesis of imidazo[5,1-d]pyrrolo[1,2-b][1,2,5]benzothiadiazepine 9,9-dioxide. <i>Journal of Heterocyclic Chemistry</i> , 1994 , 31, 1033-1036	1.9	19
78	New indolylarylsulfones as highly potent and broad spectrum HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014 , 80, 101-11	6.8	18
77	High potency of indolyl aryl sulfone nonnucleoside inhibitors towards drug-resistant human immunodeficiency virus type 1 reverse transcriptase mutants is due to selective targeting of different mechanistic forms of the enzyme. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 4546-54	5.9	18
76	Bax Activation Blocks Self-Renewal and Induces Apoptosis of Human Glioblastoma Stem Cells. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 85-99	5.7	17
75	Focus on Chirality of HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors. <i>Molecules</i> , 2016 , 21,	4.8	17
74	A Negative Allosteric Modulator of WNT Receptor Frizzled 4 Switches into an Allosteric Agonist. <i>Biochemistry</i> , 2018 , 57, 839-851	3.2	16
73	Indolyl aryl sulfones (IASs): development of highly potent NNRTIs active against wt-HIV-1 and clinically relevant drug resistant mutants. <i>Current Pharmaceutical Design</i> , 2005 , 11, 3779-806	3.3	16

72	Computer-assisted design, synthesis and biological evaluation of novel pyrrolyl heteroaryl sulfones targeted at HIV-1 reverse transcriptase as non-nucleoside inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2000 , 8, 2305-9	3.4	16
71	Heterocycles with a Benzothiadiazepine Moiety. I. Synthesis of Pyrrolo[1,2-b]-s-triazolo[3,4-d][1,2,5]benzothiadiazepine 5,5-Dioxide. <i>Synthetic Communications</i> , 1992 , 22, 1433-1439	1.7	16
70	Structure-Based Drug Design of Potent Pyrazole Derivatives against Rhinovirus Replication. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 8402-8416	8.3	16
69	Small Molecule Inhibitors of KDM5 Histone Demethylases Increase the Radiosensitivity of Breast Cancer Cells Overexpressing JARID1B. <i>Molecules</i> , 2019 , 24,	4.8	15
68	Identification of a pharmacological inhibitor of Epac1 that protects the heart against acute and chronic models of cardiac stress. <i>Cardiovascular Research</i> , 2019 , 115, 1766-1777	9.9	15
67	Arylsulfone-based HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>Future Medicinal Chemistry</i> , 2013 , 5, 2141-56	4.1	15
66	Non-nucleoside HIV-1 reverse transcriptase inhibitors di-halo-indolyl aryl sulfones achieve tight binding to drug-resistant mutants by targeting the enzyme-substrate complex. <i>Antiviral Research</i> , 2009 , 81, 47-55	10.8	15
65	A screen for kinetochore-microtubule interaction inhibitors identifies novel antitubulin compounds. <i>PLoS ONE</i> , 2010 , 5, e11603	3.7	15
64	Study of the effects of a new pyrazolecarboxamide: changes in mitochondria and induction of apoptosis. <i>International Journal of Biochemistry and Cell Biology</i> , 2009 , 41, 1890-8	5.6	14
63	Reductive Smiles Rearrangement of 1-[(5-Chloro-2-nitrophenyl)-sulfonyl]-1H-pyrrole-2-carbo-hydrazide to 1-Amino-6-chloro-2-(1H-pyrrol-2-yl)benzimidazole. <i>Heterocycles</i> , 2000 , 53, 2163	0.8	14
62	Research on nitrogen containing heterocyclic compounds. XVI. Synthesis of 1, 3, 4, 14b-tetrahydro-2, 10-dimethyl-2H,10H-pyrazino[2, 1-d]pyrrolo[1, 2-b][1, 2, 5]benzotriazepine (1:1) maleate (10-methyl-10-azaaptazepine). <i>Journal of Heterocyclic Chemistry</i> , 1989 , 26, 745-746	1.9	14
61	Annurca apple (<i>M. pumila</i> Miller cv Annurca) extracts act against stress and ageing in <i>S. cerevisiae</i> yeast cells. <i>BMC Complementary and Alternative Medicine</i> , 2017 , 17, 200	4.7	13
60	Synthesis, cannabinoid receptor affinity, molecular modeling studies and in vivo pharmacological evaluation of new substituted 1-aryl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides. 2. Effect of the 3-carboxamide substituent on the affinity and selectivity profile. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5549-54	3.4	13
59	Heterocycles With a Benzothiadiazepine Moiety. IV. Synthesis of Novel Tetracyclic Rings by Intramolecular Cyclization of 10-Bromoacetyl-10,11-dihydro-11-ethoxycarbonyl-pyrrolo[1,2-b][1,2,5] Benzothiadiazepine 5,5-Dioxide and Its Derivatives. <i>Synthetic Communications</i> , 1994 , 24, 2685-2695	1.7	13
58	An high-throughput in vivo screening system to select H3K4-specific histone demethylase inhibitors. <i>PLoS ONE</i> , 2014 , 9, e86002	3.7	13
57	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	8.3	12
56	Switching on the activity of 1,5-diaryl-pyrrole derivatives against drug-resistant ESKAPE bacteria: Structure-activity relationships and mode of action studies. <i>European Journal of Medicinal Chemistry</i> , 2019 , 178, 500-514	6.8	12
55	Radiosynthesis and in vivo evaluation of [¹¹ C]-labelled pyrrole-2-carboxamide derivatives as novel radioligands for PET imaging of monoamine oxidase A. <i>Nuclear Medicine and Biology</i> , 2010 , 37, 459-67	2.1	12

54	Nox2-mediated platelet activation by glycoprotein (GP) VI: Effect of rivaroxaban alone and in combination with aspirin. <i>Biochemical Pharmacology</i> , 2019 , 163, 111-118	6	11
53	Etatenin knockdown promotes NHERF1-mediated survival of colorectal cancer cells: implications for a double-targeted therapy. <i>Oncogene</i> , 2018 , 37, 3301-3316	9.2	11
52	Computer-Aided Identification and Lead Optimization of Dual Murine Double Minute 2 and 4 Binders: Structure-Activity Relationship Studies and Pharmacological Activity. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 8115-8130	8.3	11
51	1-Aryl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamide: an effective scaffold for the design of either CB1 or CB2 receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 5641-53	6.8	11
50	Enantioselective HPLC combined with spectroscopic methods: a valid strategy to determine the absolute configuration of potential beta-secretase inhibitors. <i>Talanta</i> , 2010 , 82, 1306-12	6.2	11
49	Research on nitrogen containing heterocyclic compounds. XVIII. Synthesis of 9H-pyrrolo[2,1-c]-s-triazolo[4,3-a][1,4]benzodiazepine, a novel tetracyclic ring of pharmaceutical interest. <i>Journal of Heterocyclic Chemistry</i> , 1992 , 29, 1005-1007	1.9	11
48	Researches on antibacterial and antifungal agents, X. Synthesis and antifungal activities of 1-(p-methyl-alpha-[4-(1H-pyrrol-1-yl)phenyl]benzyl)azoles and some related products. <i>Archiv Der Pharmazie</i> , 1989 , 322, 369-73	4.3	11
47	Indolylarylsulfones, a fascinating story of highly potent human immunodeficiency virus type 1 non-nucleoside reverse transcriptase inhibitors. <i>Antiviral Chemistry and Chemotherapy</i> , 2018 , 26, 2040206617753443	3.5	10
46	Arylthioindoles: Promising compounds against cancer cell proliferation. <i>Oncology Letters</i> , 2010 , 1, 109-112	1.2	10
45	Mitotic cell death induction by targeting the mitotic spindle with tubulin-inhibitory indole derivative molecules. <i>Oncotarget</i> , 2017 , 8, 19738-19759	3.3	10
44	Heterocyclic pharmacochemistry of new rhinovirus antiviral agents: A combined computational and experimental study. <i>European Journal of Medicinal Chemistry</i> , 2017 , 140, 528-541	6.8	9
43	Current state-of-the-art in preclinical and clinical development of novel non-nucleoside HIV-1 reverse transcriptase inhibitors. <i>Expert Opinion on Therapeutic Patents</i> , 2006 , 16, 939-962	6.8	9
42	Synthesis of 9H-pyrrolo[2,1-b][1,3,6]benzothiadiazocin-10(11H)-one 4,4-dioxide, a potential anti-HIV-1 agent. <i>Journal of Heterocyclic Chemistry</i> , 1995 , 32, 683-685	1.9	9
41	Researches on antibacterial and antifungal agents, XIV: Thiophene analogues of bifonazole. <i>Archiv Der Pharmazie</i> , 1992 , 325, 199-204	4.3	9
40	Research on nitrogen containing heterocyclic compounds. XIX: Synthesis of 8H-imidazo[2,1-c]-s-triazolo[4,3-a]-[1,4]benzodiazepine and its 1-derivatives. <i>Journal of Heterocyclic Chemistry</i> , 1993 , 30, 529-532	1.9	9
39	Potential antitumor agents. III. Synthesis of pyrazolo[3,4-e]pyrrolo[3,4-g]indolizine and 1H-pyrazolo[3,4-e]indolizine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 1989 , 26, 503-507	1.9	9
38	Design, Synthesis and Discovery of N,NTCarbazoyl-aryl-urea Inhibitors of Zika NS5 Methyltransferase and Virus Replication. <i>ChemMedChem</i> , 2020 , 15, 385-390	3.7	9
37	Drug Design and Synthesis of First in Class PDZ1 Targeting NHERF1 Inhibitors as Anticancer Agents. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 499-503	4.3	9

36	Discovery of Zika Virus NS2B/NS3 Inhibitors That Prevent Mice from Life-Threatening Infection and Brain Damage. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 1869-1874	4.3	8
35	Mechanism of interaction of novel indolylarylsulfone derivatives with K103N and Y181I mutant HIV-1 reverse transcriptase in complex with its substrates. <i>Antiviral Chemistry and Chemotherapy</i> , 2011 , 22, 107-18	3.5	7
34	Synthetic strategies of nonpeptidic Bsecretase (BACE1) inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2009 , 46, 10-17	1.9	7
33	Drug-induced inhibition of tubulin polymerization induces mitochondrion-mediated apoptosis in yeast. <i>Cell Cycle</i> , 2011 , 10, 3208-9	4.7	7
32	Synthesis and biological evaluation of new N-alkyl 1-aryl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides as cannabinoid receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 5878-86	6.8	7
31	A SIMPLIFIED SYNTHESIS OF ETHYL 5-CHLORO-4-FLUORO-1H-INDOLE-2-CARBOXYLATE AND ETHYL 5-CHLORO-6-FLUORO-1H-H-INDOLE-2-CARBOXYLATE. <i>Organic Preparations and Procedures International</i> , 2002 , 34, 517-520	1.1	7
30	3-Aroyl-1,4-diarylpyrroles Inhibit Chronic Myeloid Leukemia Cell Growth through an Interaction with Tubulin. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 521-526	4.3	6
29	VP1 crystal structure-guided exploration and optimization of 4,5-dimethoxybenzene-based inhibitors of rhinovirus 14 infection. <i>European Journal of Medicinal Chemistry</i> , 2016 , 115, 453-62	6.8	6
28	A New, Simple, and High-Yielding Synthesis of 2,9-Dihydro-1H-pyrido[3,4-b]indol-1-ones. <i>Synthesis</i> , 2014 , 46, 2093-2097	2.9	6
27	Pyrrolo[1,2-b][1,2,5]benzothiadiazepines (PBTDS) exert their anti-proliferative activity by interfering with Akt-mTOR signaling and bax:bcl-2 ratio modulation in cells from chronic myeloid leukemic patients. <i>Cancer Science</i> , 2010 , 101, 991-1000	6.9	6
26	PYRROLO[1,2-b][1,2,5]BENZOTHIADIAZEPINES (PBTDS) induce apoptosis in K562 cells. <i>BMC Cancer</i> , 2007 , 7, 207	4.8	6
25	HDAC inhibition induces expression of scaffolding proteins critical for tumor progression in pediatric glioma: focus on EBP50 and IRSp53. <i>Neuro-Oncology</i> , 2020 , 22, 550-562	1	6
24	New indolylarylsulfone non-nucleoside reverse transcriptase inhibitors show low nanomolar inhibition of single and double HIV-1 mutant strains. <i>European Journal of Medicinal Chemistry</i> , 2020 , 208, 112696	6.8	6
23	AN IMPROVED SYNTHESIS OF ETHYL 5-CHLORO-4-FLUORO-1H-INDOLE-2-CARBOXYLATE. <i>Organic Preparations and Procedures International</i> , 2008 , 40, 204-208	1.1	5
22	Indolyl aryl sulphones as HIV-1 reverse transcriptase inhibitors: docking and 3D QSAR studies. <i>Expert Opinion on Drug Discovery</i> , 2007 , 2, 87-114	6.2	5
21	CXCR4 antagonism sensitizes cancer cells to novel indole-based MDM2/4 inhibitors in glioblastoma multiforme. <i>European Journal of Pharmacology</i> , 2021 , 897, 173936	5.3	5
20	N-Pyrrylarylsulfones with High Therapeutic Potential. <i>Molecules</i> , 2017 , 22,	4.8	4
19	Antiproliferative and proapoptotic effects of a pyrrole containing arylthioindole in human Jurkat leukemia cell line and multidrug-resistant Jurkat/A4 cells. <i>Cancer Biology and Therapy</i> , 2015 , 16, 1820-9	4.6	4

18	Researches on antibacterial and antifungal agents, XII: Analogues of bifonazole with two imidazole moieties and related azoles. <i>Archiv Der Pharmazie</i> , 1990 , 323, 273-80	4.3	4
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