

# Romano Silvestri

## List of Publications by Year in descending order

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147  
papers

5,664  
citations

81743

39  
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91712

69  
g-index

158  
all docs

158  
docs citations

158  
times ranked

6671  
citing authors

#	ARTICLE	IF	CITATIONS
1	New Arylthioindoles: A Potent Inhibitors of Tubulin Polymerization. 2. Structure-Activity Relationships and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2006, 49, 947-954.	2.9	331
2	Indole, a core nucleus for potent inhibitors of tubulin polymerization. Medicinal Research Reviews, 2007, 27, 209-238.	5.0	326
3	Arylthioindoles, Potent Inhibitors of Tubulin Polymerization. Journal of Medicinal Chemistry, 2004, 47, 6120-6123.	2.9	260
4	New Frontiers in Selective Human MAO-B Inhibitors. Journal of Medicinal Chemistry, 2015, 58, 6717-6732.	2.9	184
5	Arylthioindole Inhibitors of Tubulin Polymerization. 3. Biological Evaluation, Structure-Activity Relationships and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2007, 50, 2865-2874.	2.9	177
6	Design, Molecular Modeling, Synthesis, and Anti-HIV-1 Activity of New Indolyl Aryl Sulfones. Novel Derivatives of the Indole-2-carboxamide. Journal of Medicinal Chemistry, 2006, 49, 3172-3184.	2.9	157
7	Novel Indolyl Aryl Sulfones Active against HIV-1 Carrying NNRTI Resistance Mutations: A Synthesis and SAR Studies. Journal of Medicinal Chemistry, 2003, 46, 2482-2493.	2.9	149
8	The Tubulin Colchicine Domain: a Molecular Modeling Perspective. ChemMedChem, 2012, 7, 33-42.	1.6	138
9	Indolylarylsulfones as HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors: New Cyclic Substituents at Indole-2-carboxamide. Journal of Medicinal Chemistry, 2011, 54, 1587-1598.	2.9	137
10	Structure-Based Design, Synthesis, and Biological Evaluation of Novel Pyrrolyl Aryl Sulfones: A HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors Active at Nanomolar Concentrations. Journal of Medicinal Chemistry, 2000, 43, 1886-1891.	2.9	130
11	2-Sulfonyl-4-chloroanilino Moiety: A Potent Pharmacophore for the Anti-Human Immunodeficiency Virus Type 1 Activity of Pyrrolyl Aryl Sulfones. Journal of Medicinal Chemistry, 1996, 39, 522-530.	2.9	127
12	Boom in the development of non-peptidic $\beta$ -secretase (BACE1) inhibitors for the treatment of Alzheimer's disease. Medicinal Research Reviews, 2009, 29, 295-338.	5.0	120
13	New Pyrrole Inhibitors of Monoamine Oxidase: A Synthesis, Biological Evaluation, and Structural Determinants of MAO-A and MAO-B Selectivity. Journal of Medicinal Chemistry, 2007, 50, 922-931.	2.9	114
14	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
15	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.	2.9	87
16	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
17	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
18	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. Journal of Medicinal Chemistry, 2005, 48, 213-223.	2.9	77

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19	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.	1.1	73
20	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
21	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, 1567-1576.	2.9	65
22	Synthesis, Cannabinoid Receptor Affinity, and Molecular Modeling Studies of Substituted 1-Aryl-5-(1 <i>H</i> -pyrrol-1-yl)-1 <i>H</i> -pyrazole-3-carboxamides. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 1560-1576.	2.9	65
23	Bovine serum amine oxidase: half-site reactivity with phenylhydrazine, semicarbazide, and aromatic hydrazides. <i>Biochemistry</i> , 1992, 31, 2615-2621.	1.2	61
24	Looking for an Active Conformation of the Future HIV Type-1 Non-Nucleoside Reverse Transcriptase Inhibitors. <i>Antiviral Chemistry and Chemotherapy</i> , 2010, 20, 213-237.	0.3	57
25	Pyrrolo[1,2- <i>b</i> ][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, 5840-5844.	2.9	56
26	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, 5034-5038.	2.9	56
27	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
28	Indole-2-carboxamides as Allosteric Modulators of the Cannabinoid CB1 Receptor. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5627-5631.	2.9	54
29	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, 3892-3896.	2.9	53
30	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
31	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, 4378-4388.	2.9	51
32	New Prospects for Vinblastine Analogues as Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 625-627.	2.9	51
33	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
34	Simple, Potent, and Selective Pyrrole Inhibitors of Monoamine Oxidase Types A and B. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 917-920.	2.9	47
35	Venting-while-Heating Microwave-Assisted Synthesis of 3-Arylthioindoles. <i>ACS Combinatorial Science</i> , 2012, 14, 258-262.	3.8	47
36	5 <i>H</i> -pyrrolo[1,2- <i>b</i> ][1,2,5]benzothiadiazepines (PBTDs): A novel class of non-nucleoside reverse transcriptase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 1996, 4, 837-850.	1.4	44

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37	Imidazole Analogues of Fluoxetine, a Novel Class of Anti-Candida Agents. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 3924-3926.	2.9	43
38	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
39	Endogenous vs Exogenous Allosteric Modulators in GPCRs: A dispute for shuttling CB1 among different membrane microenvironments. <i>Scientific Reports</i> , 2015, 5, 15453.	1.6	41
40	Structure-Based Lead Optimization and Biological Evaluation of BAX Direct Activators as Novel Potential Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2135-2148.	2.9	41
41	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, 201-210.	0.9	40
42	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, 8564-8572.	2.9	40
43	1-[2-(Diphenylmethoxy)ethyl]-2-methyl-5-nitroimidazole. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 253-256.	1.0	39
44	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 $\beta$ Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 10066-10078.	2.9	39
45	Pharmacological folding chaperones act as allosteric ligands of Frizzled4. <i>Nature Chemical Biology</i> , 2015, 11, 280-286.	3.9	35
46	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.	2.9	35
47	Towards modern anticancer agents that interact with tubulin. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 131, 58-68.	1.9	34
48	Direct HPLC enantioseparation of chiral aptazepine derivatives on coated and immobilized polysaccharide-based chiral stationary phases. <i>Chirality</i> , 2006, 18, 621-632.	1.3	33
49	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, 9729-9740.	1.4	31
50	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.	2.6	30
51	Synthesis of Pyrrol Aryl Sulfones Targeted at the HIV-1 Reverse Transcriptase. <i>Archiv Der Pharmazie</i> , 1995, 328, 223-229.	2.1	29
52	p38 MAPK differentially controls NK activating ligands at transcriptional and post-transcriptional level on multiple myeloma cells. <i>Oncology</i> , 2017, 6, e1264564.	2.1	29
53	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, 3841-3855.	2.9	28
54	Discovery of Biaryl aminoquinazolines as Novel Tubulin Polymerization Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4598-4605.	2.9	28

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55	In vitro characterisation of a pleconaril/pirodavir-like compound with potent activity against rhinoviruses. <i>Virology Journal</i> , 2015, 12, 106.	1.4	28
56	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, 5979-5988.	2.9	28
57	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.	2.5	28
58	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.	2.5	27
59	Comparative study between the polysaccharide-based Chiralcel OJ and Chiralcel OD CSPs in chromatographic enantioseparation of imidazole analogues of Fluoxetine and Miconazole. <i>Journal of Separation Science</i> , 2005, 28, 627-634.	1.3	26
60	Structure-Based Drug Design of Potent Pyrazole Derivatives against Rhinovirus Replication. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 8402-8416.	2.9	26
61	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.	0.3	25
62	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.	2.6	25
63	Small Molecule Inhibitors of KDM5 Histone Demethylases Increase the Radiosensitivity of Breast Cancer Cells Overexpressing JARID1B. <i>Molecules</i> , 2019, 24, 1739.	1.7	25
64	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.	1.8	25
65	Open Vessel and Cooling while Heating Microwave-Assisted Synthesis of Pyridinyl <i>N</i> -Aryl Hydrazones. <i>ACS Combinatorial Science</i> , 2011, 13, 2-6.	3.8	24
66	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, 221-227.	2.6	24
67	Focus on Chirality of HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors. <i>Molecules</i> , 2016, 21, 221.	1.7	24
68	Apple Can Act as Anti-Aging on Yeast Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-8.	1.9	23
69	Bax Activation Blocks Self-Renewal and Induces Apoptosis of Human Glioblastoma Stem Cells. <i>ACS Chemical Neuroscience</i> , 2018, 9, 85-99.	1.7	22
70	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.	1.4	21
71	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
72	A Negative Allosteric Modulator of WNT Receptor Frizzled 4 Switches into an Allosteric Agonist. <i>Biochemistry</i> , 2018, 57, 839-851.	1.2	21

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73	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.	2.6	21
74	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, 4546-4554.	1.4	19
75	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
76	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.	2.9	19
77	Mitotic cell death induction by targeting the mitotic spindle with tubulin-inhibitory indole derivative molecules. <i>Oncotarget</i> , 2017, 8, 19738-19759.	0.8	19
78	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.	1.1	18
79	$\beta$ -catenin knockdown promotes NHERF1-mediated survival of colorectal cancer cells: implications for a double-targeted therapy. <i>Oncogene</i> , 2018, 37, 3301-3316.	2.6	18
80	Research on nitrogen containing heterocyclic compounds. XVI. Synthesis of 1, 3, 4, 14-tetrahydro-2,10-dimethyl-10H-pyrazino[2,1-a]pyrrolo[1,2-a]benzotriazepine (11) maleate (10-methyl-10-azaaptazepine). <i>Journal of Heterocyclic Chemistry</i> , 1989, 26, 745-746.	1.1	17
81	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, 3779-3806.	0.9	17
82	Arylsulfone-based HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>Future Medicinal Chemistry</i> , 2013, 5, 2141-2156.	1.1	17
83	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.	3.7	17
84	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.	1.1	16
85	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, 2305-2309.	1.4	16
86	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.	0.4	16
87	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.	1.9	16
88	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.	2.0	16
89	Design, Synthesis and Discovery of N,N'-Carbazoyl-urea Inhibitors of Zika NS5 Methyltransferase and Virus Replication. <i>ChemMedChem</i> , 2020, 15, 385-390.	1.6	16
90	A Screen for Kinetochore-Microtubule Interaction Inhibitors Identifies Novel Antitubulin Compounds. <i>PLoS ONE</i> , 2010, 5, e11603.	1.1	16



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91	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, 5549-5564.	1.4	15
92	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, 1890-1898.	1.2	15
93	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, 5641-5653.	2.6	15
94	Modulating undruggable targets to overcome cancer therapy resistance. <i>Drug Resistance Updates</i> , 2022, 60, 100788.	6.5	15
95	Research on nitrogen containing heterocyclic compounds. XVIII. Synthesis of 9-(1H-pyrrolo[2,1-c]triazolo[4,3-a][1,4]benzodiazepine, a novel tetracyclic ring 4 of pharmaceutical interest. <i>Journal of Heterocyclic Chemistry</i> , 1992, 29, 1005-1007.		14
96	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, 204020661775344.	0.3	14
97	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.	1.3	14
98	An High-Throughput In Vivo Screening System to Select H3K4-Specific Histone Demethylase Inhibitors. <i>PLoS ONE</i> , 2014, 9, e86002.	1.1	14
99	Emerging Therapeutic Agents for Colorectal Cancer. <i>Molecules</i> , 2021, 26, 7463.	1.7	14
100	Radiosynthesis and in vivo evaluation of [ <sup>11</sup> C]-labelled pyrrole-2-carboxamide derivatives as novel radioligands for PET imaging of monoamine oxidase A. <i>Nuclear Medicine and Biology</i> , 2010, 37, 459-467.	0.3	13
101	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.	1.3	13
102	Researches on Antibacterial and Antifungal Agents, X. Synthesis and Antifungal Activities of 1-(p-Methyl-4-(1H-pyrrol-1-yl)phenyl)benzyl)azoles and Some Related Products. <i>Archiv Der Pharmazie</i> , 1989, 322, 369-373.	2.1	12
103	Researches on Antibacterial and Antifungal Agents, XIV: Thiophene Analogues of Bifonazole. <i>Archiv Der Pharmazie</i> , 1992, 325, 199-204.	2.1	12
104	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.	1.4	12
105	Discovery of pyrrole derivatives for the treatment of glioblastoma and chronic myeloid leukemia. <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113532.	2.6	12
106	Targeting PDZ domains as potential treatment for viral infections, neurodegeneration and cancer. <i>Biology Direct</i> , 2021, 16, 15.	1.9	12
107	Enantioselective HPLC combined with spectroscopic methods: A valid strategy to determine the absolute configuration of potential Î²-secretase inhibitors. <i>Talanta</i> , 2010, 82, 1306-1312.	2.9	11
108	Heterocyclic pharmacology of new rhinovirus antiviral agents: A combined computational and experimental study. <i>European Journal of Medicinal Chemistry</i> , 2017, 140, 528-541.	2.6	11

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109	CXCR4 antagonism sensitizes cancer cells to novel indole-based MDM2/4 inhibitors in glioblastoma multiforme. <i>European Journal of Pharmacology</i> , 2021, 897, 173936.	1.7	11
110	Potential antitumor agents. <b>III</b> . Synthesis of pyrazolo[3,4- <i>e</i> ]pyrrolo[3,4- <i>g</i> ]indolizine and 1- <i>H</i> -pyrazolo[3,4- <i>e</i> ]indolizine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 1989, 26, 503-507.	1.4	10
111	Synthesis of 9- <i>H</i> -pyrrolo[2,1- <i>b</i> ][1,3,6]benzothiadiazocin-10(11- <i>H</i> )-one 4,4-dioxide, a potential anti-HIV-1 agent. <i>Journal of Heterocyclic Chemistry</i> , 1995, 32, 683-685.	1.4	10
112	Arylthioindoles: Promising compounds against cancer cell proliferation. <i>Oncology Letters</i> , 2010, 1, 109-112.	0.8	10
113	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.	0.6	10
114	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.	2.6	10
115	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.	2.4	9
116	RS-5645 attenuates inflammatory cytokine storm induced by SARS-CoV-2 spike protein and LPS by modulating pulmonary microbiota. <i>International Journal of Biological Sciences</i> , 2021, 17, 3305-3319.	2.6	9
117	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.	0.6	8
118	Synthetic strategies of nonpeptidic Î²-secretase (BACE1) inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2009, 46, 10-17.	1.4	8
119	A New, Simple, and High-Yielding Synthesis of 2,9-Dihydro-1H-pyrido[3,4- <i>b</i> ]indol-1-ones. <i>Synthesis</i> , 2014, 46, 2093-2097.	1.2	8
120	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.	1.3	8
121	Heterocyclic systems.VIIISynthesis of 1H-pyrazolo[3,4- <i>e</i> ]indolizine derivatives. <i>Journal of Heterocyclic Chemistry</i> , 1987, 24, 1199-1202.	1.4	7
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