Romano Silvestri

List of Publications by Year in Descending Order

143 papers	4,709 citations	37 h-index	63 g-index
158 ext. papers	5,187 ext. citations	5.8 avg, IF	5.29 L-index

#	Paper	IF	Citations
143	Emerging Therapeutic Agents for Colorectal Cancer.. *Molecules*, **2021**, 26,	4.8	4
142	Modulating undruggable targets to overcome cancer therapy resistance.. *Drug Resistance Updates*, **2021**, 60, 100788	23.2	2
141	Targeting PDZ domains as potential treatment for viral infections, neurodegeneration and cancer. *Biology Direct*, **2021**, 16, 15	7.2	2
140	CXCR4 antagonism sensitizes cancer cells to novel indole-based MDM2/4 inhibitors in glioblastoma multiforme. *European Journal of Pharmacology*, **2021**, 897, 173936	5.3	5
139	RS-5645 attenuates inflammatory cytokine storm induced by SARS-CoV-2 spike protein and LPS by modulating pulmonary microbiota. *International Journal of Biological Sciences*, **2021**, 17, 3305-3319	11.2	2
138	RS4651 suppresses lung fibroblast activation via the TGF-1/SMAD signalling pathway. *European Journal of Pharmacology*, **2021**, 903, 174135	5.3	0
137	Discovery of pyrrole derivatives for the treatment of glioblastoma and chronic myeloid leukemia. *European Journal of Medicinal Chemistry*, **2021**, 221, 113532	6.8	3
136	Targeting the Interaction between the SH3 Domain of Grb2 and Gab2. *Cells*, **2020**, 9,	7.9	2
135	Discovery of Zika Virus NS2B/NS3 Inhibitors That Prevent Mice from Life-Threatening Infection and Brain Damage. *ACS Medicinal Chemistry Letters*, **2020**, 11, 1869-1874	4.3	8
134	Discovery of New 1,1-Biphenyl-4-sulfonamides as Selective Subnanomolar Human Carbonic Anhydrase II Inhibitors. *ACS Medicinal Chemistry Letters*, **2020**, 11, 633-637	4.3	1
133	Structure-activity relationship studies and in vitro and in vivo anticancer activity of novel 3-aroyl-1,4-diarylpyrroles against solid tumors and hematological malignancies. *European Journal of Medicinal Chemistry*, **2020**, 185, 111828	6.8	3
132	HDAC inhibition induces expression of scaffolding proteins critical for tumor progression in pediatric glioma: focus on EBP50 and IRSp53. *Neuro-Oncology*, **2020**, 22, 550-562	1	6
131	Design, Synthesis and Discovery of N,N-Carbazoyl-aryl-urea Inhibitors of Zika NS5 Methyltransferase and Virus Replication. *ChemMedChem*, **2020**, 15, 385-390	3.7	9
130	Mutational analysis of the essential lipopolysaccharide-transport protein LptH of Pseudomonas aeruginosa to uncover critical oligomerization sites. *Scientific Reports*, **2020**, 10, 11276	4.9	3
129	New indolylarylsulfone non-nucleoside reverse transcriptase inhibitors show low nanomolar inhibition of single and double HIV-1 mutant strains. *European Journal of Medicinal Chemistry*, **2020**, 208, 112696	6.8	6
128	Modeling Epac1 interactions with the allosteric inhibitor AM-001 by co-solvent molecular dynamics. *Journal of Computer-Aided Molecular Design*, **2020**, 34, 1171-1179	4.2	1
127	Sulfonamide Inhibitors of Catenin Signaling as Anticancer Agents with Different Output on c-MYC. *ChemMedChem*, **2020**, 15, 2264-2268	3.7	1

126	Towards modern anticancer agents that interact with tubulin. *European Journal of Pharmaceutical Sciences*, **2019**, 131, 58-68	5.1	20
125	Switching on the activity of 1,5-diaryl-pyrrole derivatives against drug-resistant ESKAPE bacteria: Structure-activity relationships and mode of action studies. *European Journal of Medicinal Chemistry* , **2019**, 178, 500-514	6.8	12
124	Small Molecule Inhibitors of KDM5 Histone Demethylases Increase the Radiosensitivity of Breast Cancer Cells Overexpressing JARID1B. *Molecules*, **2019**, 24,	4.8	15
123	Identification of a pharmacological inhibitor of Epac1 that protects the heart against acute and chronic models of cardiac stress. *Cardiovascular Research*, **2019**, 115, 1766-1777	9.9	15
122	Nox2-mediated platelet activation by glycoprotein (GP) VI: Effect of rivaroxaban alone and in combination with aspirin. *Biochemical Pharmacology*, **2019**, 163, 111-118	6	11
121	Drug Design and Synthesis of First in Class PDZ1 Targeting NHERF1 Inhibitors as Anticancer Agents. *ACS Medicinal Chemistry Letters*, **2019**, 10, 499-503	4.3	9
120	Indolylarylsulfones, a fascinating story of highly potent human immunodeficiency virus type 1 non-nucleoside reverse transcriptase inhibitors. *Antiviral Chemistry and Chemotherapy*, **2018**, 26, 2040206617753443	3.5	10
119	New 6- and 7-heterocyclyl-1H-indole derivatives as potent tubulin assembly and cancer cell growth inhibitors. *European Journal of Medicinal Chemistry*, **2018**, 152, 283-297	6.8	22
118	Oleuropein, a component of extra virgin olive oil, lowers postprandial glycaemia in healthy subjects. *British Journal of Clinical Pharmacology*, **2018**, 84, 1566-1574	3.8	42
117	A Negative Allosteric Modulator of WNT Receptor Frizzled 4 Switches into an Allosteric Agonist. *Biochemistry*, **2018**, 57, 839-851	3.2	16
116	catenin knockdown promotes NHERF1-mediated survival of colorectal cancer cells: implications for a double-targeted therapy. *Oncogene*, **2018**, 37, 3301-3316	9.2	11
115	Bax Activation Blocks Self-Renewal and Induces Apoptosis of Human Glioblastoma Stem Cells. *ACS Chemical Neuroscience*, **2018**, 9, 85-99	5.7	17
114	Structure-Based Drug Design of Potent Pyrazole Derivatives against Rhinovirus Replication. *Journal of Medicinal Chemistry*, **2018**, 61, 8402-8416	8.3	16
113	Exploring the first Rimonabant analog-opioid peptide hybrid compound, as bivalent ligand for CB1 and opioid receptors. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 444-451	5.6	20
112	p38 MAPK differentially controls NK activating ligands at transcriptional and post-transcriptional level on multiple myeloma cells. *OncoImmunology*, **2017**, 6, e1264564	7.2	20
111	3-Aroyl-1,4-diarylpyrroles Inhibit Chronic Myeloid Leukemia Cell Growth through an Interaction with Tubulin. *ACS Medicinal Chemistry Letters*, **2017**, 8, 521-526	4.3	6
110	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	8.3	12
109	Annurca apple (M. pumila Miller cv Annurca) extracts act against stress and ageing in S. cerevisiae yeast cells. *BMC Complementary and Alternative Medicine*, **2017**, 17, 200	4.7	13

108	Heterocyclic pharmacochemistry of new rhinovirus antiviral agents: A combined computational and experimental study. *European Journal of Medicinal Chemistry*, **2017**, 140, 528-541	6.8	9
107	Computer-Aided Identification and Lead Optimization of Dual Murine Double Minute 2 and 4 Binders: Structure-Activity Relationship Studies and Pharmacological Activity. *Journal of Medicinal Chemistry*, **2017**, 60, 8115-8130	8.3	11
106	Inhibition of dengue virus replication by novel inhibitors of RNA-dependent RNA polymerase and protease activities. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2017**, 32, 1091-1101	5.6	25
105	N-Pyrrylarylsulfones with High Therapeutic Potential. *Molecules*, **2017**, 22,	4.8	4
104	Mitotic cell death induction by targeting the mitotic spindle with tubulin-inhibitory indole derivative molecules. *Oncotarget*, **2017**, 8, 19738-19759	3.3	10
103	VP1 crystal structure-guided exploration and optimization of 4,5-dimethoxybenzene-based inhibitors of rhinovirus 14 infection. *European Journal of Medicinal Chemistry*, **2016**, 115, 453-62	6.8	6
102	Focus on Chirality of HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors. *Molecules*, **2016**, 21,	4.8	17
101	New Inhibitors of Indoleamine 2,3-Dioxygenase 1: Molecular Modeling Studies, Synthesis, and Biological Evaluation. *Journal of Medicinal Chemistry*, **2016**, 59, 9760-9773	8.3	28
100	Distinct Temporal Fingerprint for Cyclic Adenosine Monophosphate (cAMP) Signaling of Indole-2-carboxamides as Allosteric Modulators of the Cannabinoid Receptors. *Journal of Medicinal Chemistry*, **2015**, 58, 5979-88	8.3	25
99	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, 5789-807	8.3	38
98	New Frontiers in Selective Human MAO-B Inhibitors. *Journal of Medicinal Chemistry*, **2015**, 58, 6717-32	8.3	143
97	Pharmacological folding chaperones act as allosteric ligands of Frizzled4. *Nature Chemical Biology*, **2015**, 11, 280-6	11.7	28
96	Discovery of 1,1′Biphenyl-4-sulfonamides as a New Class of Potent and Selective Carbonic Anhydrase XIV Inhibitors. *Journal of Medicinal Chemistry*, **2015**, 58, 8564-72	8.3	34
95	New 1-phenyl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides inhibit hepatitis C virus replication via suppression of cyclooxygenase-2. *European Journal of Medicinal Chemistry*, **2015**, 90, 497-506	6.8	20
94	Endogenous vs Exogenous Allosteric Modulators in GPCRs: A dispute for shuttling CB1 among different membrane microenvironments. *Scientific Reports*, **2015**, 5, 15453	4.9	32
93	In vitro characterisation of a pleconaril/pirodavir-like compound with potent activity against rhinoviruses. *Virology Journal*, **2015**, 12, 106	6.1	24
92	Antiproliferative and proapoptotic effects of a pyrrole containing arylthioindole in human Jurkat leukemia cell line and multidrug-resistant Jurkat/A4 cells. *Cancer Biology and Therapy*, **2015**, 16, 1820-9	4.6	4
91	Structure-based lead optimization and biological evaluation of BAX direct activators as novel potential anticancer agents. *Journal of Medicinal Chemistry*, **2015**, 58, 2135-48	8.3	22

90	New pyrrole derivatives with potent tubulin polymerization inhibiting activity as anticancer agents including hedgehog-dependent cancer. *Journal of Medicinal Chemistry*, **2014**, 57, 6531-52	8.3	57
89	Discovery of biarylaminoquinazolines as novel tubulin polymerization inhibitors. *Journal of Medicinal Chemistry*, **2014**, 57, 4598-4605	8.3	21
88	New indolylarylsulfones as highly potent and broad spectrum HIV-1 non-nucleoside reverse transcriptase inhibitors. *European Journal of Medicinal Chemistry*, **2014**, 80, 101-11	6.8	18
87	A New, Simple, and High-Yielding Synthesis of 2,9-Dihydro-1H-pyrido[3,4-b]indol-1-ones. *Synthesis*, **2014**, 46, 2093-2097	2.9	6
86	Indolylarylsulfones carrying a heterocyclic tail as very potent and broad spectrum HIV-1 non-nucleoside reverse transcriptase inhibitors. *Journal of Medicinal Chemistry*, **2014**, 57, 9945-57	8.3	37
85	An high-throughput in vivo screening system to select H3K4-specific histone demethylase inhibitors. *PLoS ONE*, **2014**, 9, e86002	3.7	13
84	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. *Journal of Medicinal Chemistry*, **2013**, 56, 10066-78	8.3	31
83	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, 123-49	8.3	91
82	New prospects for vinblastine analogues as anticancer agents. *Journal of Medicinal Chemistry*, **2013**, 56, 625-7	8.3	35
81	Computer-aided identification, design and synthesis of a novel series of compounds with selective antiviral activity against chikungunya virus. *Antiviral Research*, **2013**, 98, 12-8	10.8	71
80	Exploring 4-substituted-2-thiazolylhydrazones from 2-, 3-, and 4-acetylpyridine as selective and reversible hMAO-B inhibitors. *European Journal of Medicinal Chemistry*, **2013**, 66, 221-7	6.8	20
79	Arylsulfone-based HIV-1 non-nucleoside reverse transcriptase inhibitors. *Future Medicinal Chemistry* , **2013**, 5, 2141-56	4.1	15
78	The tubulin colchicine domain: a molecular modeling perspective. *ChemMedChem*, **2012**, 7, 33-42	3.7	115
77	De novo computer-aided design of novel antiviral agents. *Drug Discovery Today: Technologies*, **2012**, 9, e175-226	7.1	1
76	Venting-while-heating microwave-assisted synthesis of 3-arylthioindoles. *ACS Combinatorial Science* , **2012**, 14, 258-62	3.9	43
75	Apple can act as anti-aging on yeast cells. *Oxidative Medicine and Cellular Longevity*, **2012**, 2012, 491759	6.7	20
74	Indole-2-carboxamides as allosteric modulators of the cannabinoid CB receptor. *Journal of Medicinal Chemistry*, **2012**, 55, 5627-31	8.3	52
73	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, 6634-8	8.3	48

72	Open vessel and cooling while heating microwave-assisted synthesis of pyridinyl N-aryl hydrazones. *ACS Combinatorial Science*, **2011**, 13, 2-6	3.9	20
71	Indolylarylsulfones as HIV-1 non-nucleoside reverse transcriptase inhibitors: new cyclic substituents at indole-2-carboxamide. *Journal of Medicinal Chemistry*, **2011**, 54, 1587-98	8.3	112
70	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, 8394-406	8.3	58
69	Mechanism of interaction of novel indolylarylsulfone derivatives with K103N and Y181I mutant HIV-1 reverse transcriptase in complex with its substrates. *Antiviral Chemistry and Chemotherapy*, **2011**, 22, 107-18	3.5	7
68	1-Aryl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamide: an effective scaffold for the design of either CB1 or CB2 receptor ligands. *European Journal of Medicinal Chemistry*, **2011**, 46, 5641-53	6.8	11
67	Drug-induced inhibition of tubulin polymerization induces mitochondrion-mediated apoptosis in yeast. *Cell Cycle*, **2011**, 10, 3208-9	4.7	7
66	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. *Cancer Science*, **2010**, 101, 991-1000	6.9	6
65	Arylthioindoles: Promising compounds against cancer cell proliferation. *Oncology Letters*, **2010**, 1, 109-112	2.6	10
64	Looking for an active conformation of the future HIV type-1 non-nucleoside reverse transcriptase inhibitors. *Antiviral Chemistry and Chemotherapy*, **2010**, 20, 213-37	3.5	50
63	Radiosynthesis and in vivo evaluation of [11C]-labelled pyrrole-2-carboxamide derivates as novel radioligands for PET imaging of monoamine oxidase A. *Nuclear Medicine and Biology*, **2010**, 37, 459-67	2.1	12
62	Enantioselective HPLC combined with spectroscopic methods: a valid strategy to determine the absolute configuration of potential beta-secretase inhibitors. *Talanta*, **2010**, 82, 1306-12	6.2	11
61	Synthesis and biological evaluation of new N-alkyl 1-aryl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides as cannabinoid receptor ligands. *European Journal of Medicinal Chemistry*, **2010**, 45, 5878-86	6.8	7
60	A screen for kinetochore-microtubule interaction inhibitors identifies novel antitubulin compounds. *PLoS ONE*, **2010**, 5, e11603	3.7	15
59	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. *Antiviral Research*, **2009**, 81, 47-55	10.8	15
58	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	14.4	110
57	Synthetic strategies of nonpeptidic β-secretase (BACE1) inhibitors. *Journal of Heterocyclic Chemistry*, **2009**, 46, 10-17	1.9	7
56	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. *Bioorganic and Medicinal Chemistry* , **2009**, 17, 5549-64	3.4	13
55	Study of the effects of a new pyrazolecarboxamide: changes in mitochondria and induction of apoptosis. *International Journal of Biochemistry and Cell Biology*, **2009**, 41, 1890-8	5.6	14

54	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, 7512-27	8.3	70
53	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, 1922-34	8.3	52
52	Synthesis, cannabinoid receptor affinity, and molecular modeling studies of substituted 1-aryl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides. *Journal of Medicinal Chemistry*, **2008**, 51, 1560-76	8.3	61
51	1-[(3-Aryloxy-3-aryl)propyl]-1H-imidazoles, new imidazoles with potent activity against Candida albicans and dermatophytes. Synthesis, structure-activity relationship, and molecular modeling studies. *Journal of Medicinal Chemistry*, **2008**, 51, 3841-55	8.3	26
50	AN IMPROVED SYNTHESIS OF ETHYL 5-CHLORO-4-FLUORO-1H-INDOLE-2-CARBOXYLATE. *Organic Preparations and Procedures International*, **2008**, 40, 204-208	1.1	5
49	Synthesis, structure-activity relationships and molecular modeling studies of new indole inhibitors of monoamine oxidases A and B. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 9729-40	3.4	27
48	New pyrrole inhibitors of monoamine oxidase: synthesis, biological evaluation, and structural determinants of MAO-A and MAO-B selectivity. *Journal of Medicinal Chemistry*, **2007**, 50, 922-31	8.3	106
47	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. *Journal of Medicinal Chemistry*, **2007**, 50, 5034-8	8.3	52
46	Indole, a core nucleus for potent inhibitors of tubulin polymerization. *Medicinal Research Reviews*, **2007**, 27, 209-38	14.4	281
45	PYRROLO[1,2-b][1,2,5]BENZOTHIADIAZEPINES (PBTDs) induce apoptosis in K562 cells. *BMC Cancer*, **2007**, 7, 207	4.8	6
44	Indolyl aryl sulphones as HIV-1 reverse transcriptase inhibitors: docking and 3D QSAR studies. *Expert Opinion on Drug Discovery*, **2007**, 2, 87-114	6.2	5
43	Arylthioindole inhibitors of tubulin polymerization. 3. Biological evaluation, structure-activity relationships and molecular modeling studies. *Journal of Medicinal Chemistry*, **2007**, 50, 2865-74	8.3	157
42	Direct HPLC enantioseparation of chiral aptazepine derivatives on coated and immobilized polysaccharide-based chiral stationary phases. *Chirality*, **2006**, 18, 621-32	2.1	30
41	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. *Antiviral Chemistry and Chemotherapy*, **2006**, 17, 59-77	3.5	23
40	Current state-of-the-art in preclinical and clinical development of novel non-nucleoside HIV-1 reverse transcriptase inhibitors. *Expert Opinion on Therapeutic Patents*, **2006**, 16, 939-962	6.8	9
39	New arylthioindoles: potent inhibitors of tubulin polymerization. 2. Structure-activity relationships and molecular modeling studies. *Journal of Medicinal Chemistry*, **2006**, 49, 947-54	8.3	289
38	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, 3172-84	8.3	135
37	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. *Journal of Medicinal Chemistry*, **2006**, 49, 5840-4	8.3	53

36	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, 213-23	8.3	73
35	Novel 1-[2-(diarylmethoxy)ethyl]-2-methyl-5-nitroimidazoles as HIV-1 non-nucleoside reverse transcriptase inhibitors. A structure-activity relationship investigation. *Journal of Medicinal Chemistry*, **2005**, 48, 4378-88	8.3	44
34	Chiral resolution and binding study of 1,3,4,14b-tetrahydro-2,10-dimethyl-2H,10H-pyrazino[2,1-d]pyrrolo[1,2-b] [1,2,5]benzotriazepine (10-methyl-10-azaaptazepine) and 2-methyl-1,3,4,14b-tetrahydro-2H-pyrazino[2,1-d]pyrrolo[1,2-b] [1,2,5]benzothiadiazepine 10,10-dioxide (tiaaptazepine). *Il Farmaco*, **2005**, 60, 931-7		3
33	Comparative study between the polysaccharide-based chiralcel OJ and chiralcel OD CSPSs in chromatographic enantioseparation of imidazole analogues of fluoxetine and miconazole. *Journal of Separation Science*, **2005**, 28, 627-34	3.4	23
32	Indolyl aryl sulfones (IASs): development of highly potent NNRTIs active against wt-HIV-1 and clinically relevant drug resistant mutants. *Current Pharmaceutical Design*, **2005**, 11, 3779-806	3.3	16
31	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. *Antimicrobial Agents and Chemotherapy*, **2005**, 49, 4546-54	5.9	18
30	Anti-HIV-1 activity of pyrryl aryl sulfone (PAS) derivatives: synthesis and SAR studies of novel esters and amides at the position 2 of the pyrrole nucleus. *Il Farmaco*, **2004**, 59, 201-10		36
29	Arylthioindoles, potent inhibitors of tubulin polymerization. *Journal of Medicinal Chemistry*, **2004**, 47, 6120-3	8.3	223
28	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. *Journal of Medicinal Chemistry*, **2004**, 47, 3892-6	8.3	52
27	Imidazole analogues of fluoxetine, a novel class of anti-Candida agents. *Journal of Medicinal Chemistry*, **2004**, 47, 3924-6	8.3	38
26	Simple, potent, and selective pyrrole inhibitors of monoamine oxidase types A and B. *Journal of Medicinal Chemistry*, **2003**, 46, 917-20	8.3	38
25	Novel indolyl aryl sulfones active against HIV-1 carrying NNRTI resistance mutations: synthesis and SAR studies. *Journal of Medicinal Chemistry*, **2003**, 46, 2482-93	8.3	136
24	Synthesis, biological evaluation, and binding mode of novel 1-[2-(diarylmethoxy)ethyl]-2-methyl-5-nitroimidazoles targeted at the HIV-1 reverse transcriptase. *Journal of Medicinal Chemistry*, **2002**, 45, 1567-76	8.3	59
23	A SIMPLIFIED SYNTHESIS OF ETHYL 5-CHLORO-4-FLUORO-1H-INDOLE-2-CARBOXYLATE AND ETHYL 5-CHLORO-6-FLUORO-1H-H-INDOLE-2-CARBOXYLATE. *Organic Preparations and Procedures International*, **2002**, 34, 517-520	1.1	7
22	1-Amino-6-chloro-2-(1H-pyrrol-2-yl)benzimidazole (RS 1350). *Acta Crystallographica Section E: Structure Reports Online*, **2001**, 57, o819-o821		
21	1-[2-(Diphenylmethoxy)ethyl]-2-methyl-5-nitroimidazole: a potent lead for the design of novel NNRTIs. *Bioorganic and Medicinal Chemistry Letters*, **2000**, 10, 253-6	2.9	37
20	Computer-assisted design, synthesis and biological evaluation of novel pyrrolyl heteroaryl sulfones targeted at HIV-1 reverse transcriptase as non-nucleoside inhibitors. *Bioorganic and Medicinal Chemistry*, **2000**, 8, 2305-9	3.4	16
19	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. *Heterocycles*, **2000**, 53, 2163	0.8	14

18	Structure-based design, synthesis, and biological evaluation of novel pyrrolyl aryl sulfones: HIV-1 non-nucleoside reverse transcriptase inhibitors active at nanomolar concentrations. *Journal of Medicinal Chemistry*, **2000**, 43, 1886-91	8.3	112
17	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, 522-30	8.3	112
16	5H-pyrrolo[1,2-b] [1,2,5]benzothiadiazepines (PBTDs): a novel class of non-nucleoside reverse transcriptase inhibitors. *Bioorganic and Medicinal Chemistry*, **1996**, 4, 837-50	3.4	44
15	Synthesis of 9H-pyrrolo[2,1-b][1,3,6]benzothiadiazocin-10(11H)-one 4,4-dioxide, a potential anti-HIV-1 agent. *Journal of Heterocyclic Chemistry*, **1995**, 32, 683-685	1.9	9
14	Synthesis of pyrryl aryl sulfones targeted at the HIV-1 reverse transcriptase. *Archiv Der Pharmazie*, **1995**, 328, 223-9	4.3	28
13	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. *Synthetic Communications*, **1994**, 24, 2685-2695	1.7	13
12	Heterocycles with a benzothiadiazepine moiety. 3. Synthesis of imidazo[5,1-d]pyrrolo[1,2-b][1,2,5]benzothiadiazepine 9,9-dioxide. *Journal of Heterocyclic Chemistry* , **1994**, 31, 1033-1036	1.9	19
11	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. *Journal of Heterocyclic Chemistry*, **1993**, 30, 529-532	1.9	9
10	Heterocycles with a Benzothiadiazeypine Moiety. I. Synthesis of Pyrrolo[1,2-b]-s-triazolo[3,4-d] [1,2,5]benzothiadiazepine 5,5-Dioxide. *Synthetic Communications*, **1992**, 22, 1433-1439	1.7	16
9	Bovine serum amine oxidase: half-site reactivity with phenylhydrazine, semicarbazide, and aromatic hydrazides. *Biochemistry*, **1992**, 31, 2615-21	3.2	55
8	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. *Journal of Heterocyclic Chemistry*, **1992**, 29, 1005-1007	1.9	11
7	Researches on antibacterial and antifungal agents, XIV: Thiophene analogues of bifonazole. *Archiv Der Pharmazie*, **1992**, 325, 199-204	4.3	9
6	Antibacterial and antifungal agents. XV. Synthesis and antifungal activity of structural analogues of bifonazole and ketoconazole. *Archiv Der Pharmazie*, **1992**, 325, 687-94	4.3	3
5	Researches on antibacterial and antifungal agents, XII: Analogues of bifonazole with two imidazole moieties and related azoles. *Archiv Der Pharmazie*, **1990**, 323, 273-80	4.3	4
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