

Stefania Butini

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136
papers

3,253
citations

33
h-index

46
g-index

150
ext. papers

3,785
ext. citations

5.4
avg, IF

4.69
L-index

#	Paper	IF	Citations
136	Synthesis of N1-arylidene-N2-quinolyl- and N2-acrydinylhydrazones as potent antimalarial agents active against CQ-resistant <i>P. falciparum</i> strains. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 5384-8	2.9	121
135	Multitarget compounds bearing tacrine- and donepezil-like structural and functional motifs for the potential treatment of Alzheimer's disease. <i>Progress in Neurobiology</i> , 2017 , 151, 4-34	10.9	94
134	Pyrroloquinoxaline derivatives as high-affinity and selective 5-HT(3) receptor agonists: synthesis, further structure-activity relationships, and biological studies. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 4362-79	8.3	91
133	Synthesis and pharmacological evaluation of potent and highly selective D3 receptor ligands: inhibition of cocaine-seeking behavior and the role of dopamine D3/D2 receptors. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3822-39	8.3	88
132	Discovery of a new class of potential multifunctional atypical antipsychotic agents targeting dopamine D3 and serotonin 5-HT1A and 5-HT2A receptors: design, synthesis, and effects on behavior. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 151-69	8.3	71
131	Donepezil-like multifunctional agents: Design, synthesis, molecular modeling and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2016 , 121, 864-879	6.8	65
130	Design, synthesis, and structure-activity relationship studies of 4-quinolyl- and 9-acrydinylhydrazones as potent antimalarial agents. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 1333-43	8.3	64
129	Specific targeting of hepatitis C virus NS3 RNA helicase. Discovery of the potent and selective competitive nucleotide-mimicking inhibitor QU663. <i>Biochemistry</i> , 2005 , 44, 9637-44	3.2	62
128	Development of molecular probes for the identification of extra interaction sites in the mid-gorge and peripheral sites of butyrylcholinesterase (BuChE). Rational design of novel, selective, and highly potent BuChE inhibitors. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 1919-29	8.3	62
127	Mimicking the intramolecular hydrogen bond: synthesis, biological evaluation, and molecular modeling of benzoxazines and quinazolines as potential antimalarial agents. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 10387-404	8.3	53
126	Pyrrolo[1,3]benzothiazepine-based serotonin and dopamine receptor antagonists. Molecular modeling, further structure-activity relationship studies, and identification of novel atypical antipsychotic agents. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 143-57	8.3	53
125	Combining 4-aminoquinoline- and clotrimazole-based pharmacophores toward innovative and potent hybrid antimalarials. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 502-13	8.3	50
124	Pyrrolo[1,5]benzoxa(thia)zepines as a new class of potent apoptotic agents. Biological studies and identification of an intracellular location of their drug target. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 4367-77	8.3	50
123	Development and Pharmacological Characterization of Selective Blockers of 2-Arachidonoyl Glycerol Degradation with Efficacy in Rodent Models of Multiple Sclerosis and Pain. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 2612-32	8.3	49
122	Exploiting protein fluctuations at the active-site gorge of human cholinesterases: further optimization of the design strategy to develop extremely potent inhibitors. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 3154-70	8.3	49
121	Development of antitubercular compounds based on a 4-quinolylhydrazone scaffold. Further structure-activity relationship studies. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 6063-72	3.4	46
120	Neuronal high-affinity sodium-dependent glutamate transporters (EAATs): targets for the development of novel therapeutics against neurodegenerative diseases. <i>Current Pharmaceutical Design</i> , 2003 , 9, 599-625	3.3	46

119	Discovery of huperzine A-tacrine hybrids as potent inhibitors of human cholinesterases targeting their midgorge recognition sites. <i>Journal of Medicinal Chemistry</i> , 2006 , 49, 3421-5	8.3	44
118	Dopamine D3 Receptor Antagonists as Potential Therapeutics for the Treatment of Neurological Diseases. <i>Frontiers in Neuroscience</i> , 2016 , 10, 451	5.1	43
117	Disease-modifying anti-Alzheimer β drugs: inhibitors of human cholinesterases interfering with β amyloid aggregation. <i>CNS Neuroscience and Therapeutics</i> , 2014 , 20, 624-32	6.8	41
116	Specific targeting highly conserved residues in the HIV-1 reverse transcriptase primer grip region. Design, synthesis, and biological evaluation of novel, potent, and broad spectrum NNRTIs with antiviral activity. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 7153-65	8.3	41
115	Structure-based discovery of the first non-covalent inhibitors of Leishmania major trypanothione peroxidase by high throughput docking. <i>Scientific Reports</i> , 2015 , 5, 9705	4.9	40
114	Pyrroloquinoxaline hydrazones as fluorescent probes for amyloid fibrils. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 5137-48	3.9	40
113	Synthesis of dihydroplakortin, 6-epi-dihydroplakortin, and their C10-desethyl analogues. <i>Journal of Organic Chemistry</i> , 2010 , 75, 2333-40	4.2	39
112	Clotrimazole scaffold as an innovative pharmacophore towards potent antimalarial agents: design, synthesis, and biological and structure-activity relationship studies. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 1278-94	8.3	39
111	Old but Gold: Tracking the New Guise of Histone Deacetylase 6 (HDAC6) Enzyme as a Biomarker and Therapeutic Target in Rare Diseases. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 23-39	8.3	39
110	Targeting dopamine D3 and serotonin 5-HT1A and 5-HT2A receptors for developing effective antipsychotics: synthesis, biological characterization, and behavioral studies. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 9578-97	8.3	38
109	Computational Tool for Fast Evaluation of ERG K Channel Affinity. <i>Frontiers in Chemistry</i> , 2017 , 5, 7	5	38
108	Polypharmacology of dopamine receptor ligands. <i>Progress in Neurobiology</i> , 2016 , 142, 68-103	10.9	38
107	Synthetic spirocyclic endoperoxides: new antimalarial scaffolds. <i>MedChemComm</i> , 2015 , 6, 357-362	5	35
106	Optimization of 4-aminoquinoline/clotrimazole-based hybrid antimalarials: further structure-activity relationships, in vivo studies, and preliminary toxicity profiling. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 6948-67	8.3	34
105	Design and synthesis of potent antimalarial agents based on clotrimazole scaffold: exploring an innovative pharmacophore. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 595-8	8.3	34
104	Identification of novel fluorescent probes preventing PrP replication in prion diseases. <i>European Journal of Medicinal Chemistry</i> , 2017 , 127, 859-873	6.8	33
103	Novel, potent, and selective quinoxaline-based 5-HT(3) receptor ligands. 1. Further structure-activity relationships and pharmacological characterization. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 6946-50	8.3	33
102	A new microtubule-targeting compound PBOX-15 inhibits T-cell migration via post-translational modifications of tubulin. <i>Journal of Molecular Medicine</i> , 2008 , 86, 457-69	5.5	33

101	Novel atypical antipsychotic agents: rational design, an efficient palladium-catalyzed route, and pharmacological studies. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 1705-8	8.3	33
100	The structural evolution of β -secretase inhibitors: a focus on the development of small-molecule inhibitors. <i>Current Topics in Medicinal Chemistry</i> , 2013 , 13, 1787-807	3	33
99	Multifunctional cholinesterase and amyloid Beta fibrillization modulators. Synthesis and biological investigation. <i>ACS Medicinal Chemistry Letters</i> , 2013 , 4, 1178-82	4.3	32
98	Specific targeting of peripheral serotonin 5-HT(3) receptors. Synthesis, biological investigation, and structure-activity relationships. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 3548-62	8.3	32
97	Pyrrolo[1,3]benzothiazepine-based atypical antipsychotic agents. Synthesis, structure-activity relationship, molecular modeling, and biological studies. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 344-59	8.3	32
96	Multiple Targeting Approaches on Histamine H3 Receptor Antagonists. <i>Frontiers in Neuroscience</i> , 2016 , 10, 201	5.1	32
95	Development of Potent Inhibitors of the Mycobacterium tuberculosis Virulence Factor Zmp1 and Evaluation of Their Effect on Mycobacterial Survival inside Macrophages. <i>ChemMedChem</i> , 2018 , 13, 422-430	2.7	31
94	iPSC-derived neurons profiling reveals GABAergic circuit disruption and acetylated β -tubulin defect which improves after iHDAC6 treatment in Rett syndrome. <i>Experimental Cell Research</i> , 2018 , 368, 225-235	4.2	31
93	Rational design of the first difluorostatone-based PFSUB1 inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 3582-6	2.9	30
92	Novel spiroindoline HDAC inhibitors: Synthesis, molecular modelling and biological studies. <i>European Journal of Medicinal Chemistry</i> , 2018 , 157, 127-138	6.8	29
91	Modulation of the Innate Immune Response by Targeting Toll-like Receptors: A Perspective on Their Agonists and Antagonists. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 13466-13513	8.3	28
90	Endocannabinoid Modulation of Predator Stress-Induced Long-Term Anxiety in Rats. <i>Neuropsychopharmacology</i> , 2016 , 41, 1329-39	8.7	27
89	The FAAH inhibitor URB597 suppresses hippocampal maximal dentate afterdischarges and restores seizure-induced impairment of short and long-term synaptic plasticity. <i>Scientific Reports</i> , 2017 , 7, 11152	4.9	27
88	The novel tubulin-targeting agent pyrrolo-1,5-benzoxazepine-15 induces apoptosis in poor prognostic subgroups of chronic lymphocytic leukemia. <i>Cancer Research</i> , 2009 , 69, 8366-75	10.1	26
87	PBOX-15, a novel microtubule targeting agent, induces apoptosis, upregulates death receptors, and potentiates TRAIL-mediated apoptosis in multiple myeloma cells. <i>British Journal of Cancer</i> , 2011 , 104, 281-9	8.7	25
86	Structural characterization of <i>Giardia duodenalis</i> thioredoxin reductase (gTrxR) and computational analysis of its interaction with NBDHEX. <i>European Journal of Medicinal Chemistry</i> , 2017 , 135, 479-490	6.8	24
85	First dual AK/GSK-3 β inhibitors endowed with antioxidant properties as multifunctional, potential neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , 2017 , 138, 438-457	6.8	24
84	Non-nucleoside inhibitors of human adenosine kinase: synthesis, molecular modeling, and biological studies. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 1401-20	8.3	24

83	Synthesis and antiplasmodial activity of bicyclic dioxanes as simplified dihydroplakortin analogues. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 5949-53	8.3	24
82	Tacrine based human cholinesterase inhibitors: synthesis of peptidic-tethered derivatives and their effect on potency and selectivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 5213-6	2.9	24
81	Synthetic studies toward 1,2-dioxanes as precursors of potential endoperoxide-containing antimalarials. <i>Tetrahedron Letters</i> , 2009 , 50, 5719-5722	2	23
80	An efficient approach to chiral C8/C9-piperazino-substituted 1,4-benzodiazepin-2-ones as peptidomimetic scaffolds. <i>Journal of Organic Chemistry</i> , 2008 , 73, 8458-68	4.2	23
79	Quinolyldhydrazones as novel inhibitors of Plasmodium falciparum serine protease PfsUB1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 5317-21	2.9	22
78	Discovery of potent inhibitors of human and mouse fatty acid amide hydrolases. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 6898-915	8.3	22
77	Discovery of bishomo(hetero)arylpiperazines as novel multifunctional ligands targeting dopamine D(3) and serotonin 5-HT(1A) and 5-HT(2A) receptors. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 4803-7	8.3	22
76	The pyrrolo-1,5-benzoxazepine, PBOX-15, enhances TRAIL-induced apoptosis by upregulation of DR5 and downregulation of core cell survival proteins in acute lymphoblastic leukaemia cells. <i>International Journal of Oncology</i> , 2016 , 49, 74-88	4.4	21
75	Synthesis and structure-activity relationship studies in serotonin 5-HT(1A) receptor agonists based on fused pyrrolidone scaffolds. <i>European Journal of Medicinal Chemistry</i> , 2013 , 63, 85-94	6.8	21
74	Autophagy modulators for the treatment of oral and esophageal squamous cell carcinomas. <i>Medicinal Research Reviews</i> , 2020 , 40, 1002-1060	14.4	21
73	A Repurposing Approach for Uncovering the Anti-Tubercular Activity of FDA-Approved Drugs with Potential Multi-Targeting Profiles. <i>Molecules</i> , 2019 , 24,	4.8	21
72	Structure-activity relationships, biological evaluation and structural studies of novel pyrrolonaphthoxazepines as antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2019 , 162, 290-320	6.8	21
71	1H-cyclopentapyrimidine-2,4(1H,3H)-dione-related ionotropic glutamate receptors ligands. structure-activity relationships and identification of potent and Selective iGluR5 modulators. <i>Journal of Medicinal Chemistry</i> , 2008 , 51, 6614-8	8.3	19
70	Development of piperazine-tethered heterodimers as potent antimalarials against chloroquine-resistant P. falciparum strains. Synthesis and molecular modeling. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 3535-9	2.9	18
69	Raising the bar in anticancer therapy: recent advances in, and perspectives on, telomerase inhibitors. <i>Drug Discovery Today</i> , 2019 , 24, 1370-1388	8.8	17
68	Antimalarial agents against both sexual and asexual parasites stages: structure-activity relationships and biological studies of the Malaria Box compound 1-[5-(4-bromo-2-chlorophenyl)furan-2-yl]-N-[(piperidin-4-yl)methyl]methanamine (MMV019918) and its analogues. <i>European Journal of Medicinal Chemistry</i> , 2019 , 175, 1027-1037	6.8	17
67	The novel pyrrolo-1,5-benzoxazepine, PBOX-6, synergistically enhances the apoptotic effects of carboplatin in drug sensitive and multidrug resistant neuroblastoma cells. <i>Biochemical Pharmacology</i> , 2014 , 87, 611-24	6	17
66	Selective kainate receptor (GluK1) ligands structurally based upon 1H-cyclopentapyrimidin-2,4(1H,3H)-dione: synthesis, molecular modeling, and pharmacological and biostructural characterization. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 4793-805	8.3	17

65	Microwave-assisted synthesis of 4-quinolyhydrazines followed by nickel boride reduction: a convenient approach to 4-aminoquinolines and derivatives. <i>Tetrahedron Letters</i> , 2008 , 49, 2074-2077	2	17
64	Telomerase-based Cancer Therapeutics: A Review on their Clinical Trials. <i>Current Topics in Medicinal Chemistry</i> , 2020 , 20, 433-457	3	17
63	Development of a Multiplexed Activity-Based Protein Profiling Assay to Evaluate Activity of Endocannabinoid Hydrolase Inhibitors. <i>ACS Chemical Biology</i> , 2018 , 13, 2406-2413	4.9	17
62	Identification of Novel 3-Hydroxy-pyran-4-One Derivatives as Potent HIV-1 Integrase Inhibitors Using Structure-Based Combinatorial Library Design Approach. <i>Frontiers in Chemistry</i> , 2019 , 7, 574	5	16
61	A stereoselective approach to peptidomimetic BACE1 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2013 , 70, 233-47	6.8	16
60	Synthesis, Molecular Modelling and Biological Studies of 3-hydroxypyran- 4-one and 3-hydroxy-pyridine-4-one Derivatives as HIV-1 Integrase Inhibitors. <i>Medicinal Chemistry</i> , 2019 , 15, 755-770 ¹⁸	1.8	16
59	Harnessing the pyrroloquinoxaline scaffold for FAAH and MAGL interaction: definition of the structural determinants for enzyme inhibition. <i>RSC Advances</i> , 2016 , 6, 64651-64664	3.7	16
58	Development of novel cyclic peptides as pro-apoptotic agents. <i>European Journal of Medicinal Chemistry</i> , 2016 , 117, 301-20	6.8	16
57	Targeting clinically-relevant metallo-β-lactamases: from high-throughput docking to broad-spectrum inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016 , 31, 98-109	5.6	16
56	Antitumor effect of pyrrolo-1,5-benzoxazepine-15 and its synergistic effect with Oxaliplatin and 5-FU in colorectal cancer cells. <i>Cancer Biology and Therapy</i> , 2016 , 17, 849-58	4.6	15
55	Phenylpyrrole-based HDAC inhibitors: synthesis, molecular modeling and biological studies. <i>Future Medicinal Chemistry</i> , 2016 , 8, 1573-87	4.1	15
54	In silico study of subtilisin-like protease 1 (SUB1) from different Plasmodium species in complex with peptidyl-difluorostatones and characterization of potent pan-SUB1 inhibitors. <i>Journal of Molecular Graphics and Modelling</i> , 2016 , 64, 121-130	2.8	15
53	The interactions of the 5-HT ₃ receptor with quipazine-like arylpiperazine ligands: the journey track at the end of the first decade of the third millennium. <i>Current Topics in Medicinal Chemistry</i> , 2010 , 10, 504-26	3	15
52	Specific targeting of highly conserved residues in the HIV-1 reverse transcriptase primer grip region. 2. Stereoselective interaction to overcome the effects of drug resistant mutations. <i>Journal of Medicinal Chemistry</i> , 2009 , 52, 1224-8	8.3	15
51	Plasmodium falciparum subtilisin-like protease 1: discovery of potent difluorostatone-based inhibitors. <i>RSC Advances</i> , 2015 , 5, 22431-22448	3.7	14
50	Novel peptidomimetics as BACE-1 inhibitors: synthesis, molecular modeling, and biological studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 85-9	2.9	14
49	Discovery of potent nucleotide-mimicking competitive inhibitors of hepatitis C virus NS3 helicase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 2776-9	2.9	13
48	Exploring clotrimazole-based pharmacophore: 3D-QSAR studies and synthesis of novel antiplasmodial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 5412-8	2.9	12

47	From (+)-epigallocatechin gallate to a simplified synthetic analogue as a cytoadherence inhibitor for <i>P. falciparum</i> . <i>RSC Advances</i> , 2014 , 4, 4769-4781	3.7	12
46	Identification of a novel arylpiperazine scaffold for fatty acid amide hydrolase inhibition with improved drug disposition properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 492-5	2.9	12
45	A palladium-catalyzed synthetic approach to new Huperzine A analogues modified at the pyridone ring. <i>Tetrahedron</i> , 2003 , 59, 87-93	2.4	12
44	Development of HuperTacrines as non-toxic, cholinesterase inhibitors for the potential treatment of Alzheimer's disease. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015 , 15, 648-58	3.2	12
43	(S)-2-Amino-3-(5-methyl-3-hydroxyisoxazol-4-yl)propanoic Acid (AMPA) and Kainate Receptor Ligands: Further Exploration of Bioisosteric Replacements and Structural and Biological Investigation. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 2124-2130	8.3	11
42	Development of Potent Inhibitors of Fatty Acid Amide Hydrolase Useful for the Treatment of Neuropathic Pain. <i>ChemMedChem</i> , 2018 , 13, 2090-2103	3.7	11
41	The Ca ²⁺ -ATPase (SERCA1) is inhibited by 4-aminoquinoline derivatives through interference with catalytic activation by Ca ²⁺ , whereas the ATPase E2 state remains functional. <i>Journal of Biological Chemistry</i> , 2011 , 286, 38383-38389	5.4	11
40	Screening and Phenotypical Characterization of Histone Deacetylase 8 (HDAC8) Inhibitors as Multistage Antischistosomal Agents. <i>ACS Infectious Diseases</i> , 2020 , 6, 100-113	5.5	11
39	Bridged bicyclic 2,3-dioxabicyclo[3.3.1]nonanes as antiplasmodial agents: Synthesis, structure-activity relationships and studies on their biomimetic reaction with Fe(II). <i>Bioorganic Chemistry</i> , 2019 , 89, 103020	5.1	10
38	Malaria chemotherapy: recent advances in drug development. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2010 , 5, 195-225	1.6	10
37	Pre-clinical evaluation of a novel class of anti-cancer agents, the Pyrrolo-1, 5-benzoxazepines. <i>Journal of Cancer</i> , 2016 , 7, 2367-2377	4.5	10
36	Allosteric Modulation of Ionotropic Glutamate Receptors: An Outlook on New Therapeutic Approaches To Treat Central Nervous System Disorders. <i>ACS Medicinal Chemistry Letters</i> , 2019 , 10, 228-233	4.3	9
35	A stereoselective route to 6-substituted pyrrolo-1,5-benzoxazepinones and their analogues. <i>Tetrahedron Letters</i> , 2013 , 54, 5387-5390	2	9
34	A synthetic strategy to bridged 2,3,8-trioxabicyclo[3,3,1]nonane endoperoxides. <i>Tetrahedron Letters</i> , 2013 , 54, 1233-1235	2	9
33	The novel pyrrolo-1,5-benzoxazepine, PBOX-21, potentiates the apoptotic efficacy of STI571 (imatinib mesylate) in human chronic myeloid leukaemia cells. <i>Biochemical Pharmacology</i> , 2009 , 77, 310-21	6.1	9
32	Activation of the Wnt Pathway by Small Peptides: Rational Design, Synthesis and Biological Evaluation. <i>ChemMedChem</i> , 2017 , 12, 2074-2085	3.7	8
31	Spiroindoline-Capped Selective HDAC6 Inhibitors: Design, Synthesis, Structural Analysis, and Biological Evaluation. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 2268-2276	4.3	8
30	Development of novel multipotent compounds modulating endocannabinoid and dopaminergic systems. <i>European Journal of Medicinal Chemistry</i> , 2019 , 183, 111674	6.8	7

29	Unconventional Knoevenagel-type indoles: Synthesis and cell-based studies for the identification of pro-apoptotic agents. <i>European Journal of Medicinal Chemistry</i> , 2015 , 102, 648-60	6.8	7
28	Dealing with schistosomiasis: Current drug discovery strategies. <i>Annual Reports in Medicinal Chemistry</i> , 2019 , 53, 107-138	1.6	7
27	Induction of apoptosis in oral squamous carcinoma cells by pyrrolo-1,5-benzoxazepines. <i>Molecular Medicine Reports</i> , 2015 , 12, 3748-3754	2.9	7
26	Polycondensed heterocycles. Part 12: An approach to the synthesis of 2-acetyl-1?-methyl-1,2,3,4-tetrahydrospiro[isoquinoline-1,4?-pyrrolidine]-2?-one. <i>Tetrahedron</i> , 2002 , 58, 3689-3692	2.4	7
25	HCV-targeted antivirals: current status and future challenges. <i>Current Pharmaceutical Design</i> , 2014 , 20, 3445-64	3.3	7
24	Novel quinolone-based potent and selective HDAC6 inhibitors: Synthesis, molecular modeling studies and biological investigation. <i>European Journal of Medicinal Chemistry</i> , 2021 , 212, 112998	6.8	7
23	A light in the dark: state of the art and perspectives in optogenetics and optopharmacology for restoring vision. <i>Future Medicinal Chemistry</i> , 2019 , 11, 463-487	4.1	6
22	Involvement of AMP-activated protein kinase in mediating pyrrolo-1,5-benzoxazepine-induced apoptosis in neuroblastoma cells. <i>Investigational New Drugs</i> , 2016 , 34, 663-76	4.3	6
21	Selective targeting of the HIV-1 reverse transcriptase catalytic complex through interaction with the "primer grip" region by pyrrolobenzoxazepinone non-nucleoside inhibitors correlates with increased activity towards drug-resistant mutants. <i>Biochemical Pharmacology</i> , 2008 , 76, 156-68	6	6
20	Ionotropic Glutamate Receptor GluA2 in Complex with Bicyclic Pyrimidinedione-Based Compounds: When Small Compound Modifications Have Distinct Effects on Binding Interactions. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 1791-1800	5.7	5
19	Retinitis Pigmentosa and Retinal Degenerations: Deciphering Pathways and Targets for Drug Discovery and Development. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 2173-2191	5.7	5
18	Site-directed Mutagenesis of Key Residues Unveiled a Novel Allosteric Site on Human Adenosine Kinase for Pyrrolobenzoxa(thia)zepinone Non-Nucleoside Inhibitors. <i>Chemical Biology and Drug Design</i> , 2016 , 87, 112-20	2.9	5
17	Harnessing the Role of HDAC6 in Idiopathic Pulmonary Fibrosis: Design, Synthesis, Structural Analysis, and Biological Evaluation of Potent Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 9960-9988	8.3	5
16	The novel pyrrolo-1,5-benzoxazepine, PBOX-15, synergistically enhances the apoptotic efficacy of imatinib in gastrointestinal stromal tumours; suggested mechanism of action of PBOX-15. <i>Investigational New Drugs</i> , 2016 , 34, 159-67	4.3	4
15	Enantioselective binding of second generation pyrrolobenzoxazepinones to the catalytic ternary complex of HIV-1 RT wild-type and L100I and K103N drug resistant mutants. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 3935-8	2.9	4
14	Novel antipsychotic agents: recent advances in the drug treatment of schizophrenia. <i>Expert Opinion on Therapeutic Patents</i> , 2003 , 13, 425-448	6.8	4
13	Development of a practical and scalable route for the preparation of the deacetyoxytubuvaline (dTuv) fragment of pretubulysin and analogs. <i>Tetrahedron Letters</i> , 2016 , 57, 920-923	2	3
12	Selective Fatty Acid Amide Hydrolase Inhibitors as Potential Novel Antiepileptic Agents. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 1716-1736	5.7	3

11	A Jovic-type approach for a practical and scalable synthesis of pyrrolonaphthoxazepine (PNOX)-based potent proapoptotic agents. <i>Tetrahedron Letters</i> , 2018 , 59, 4466-4470	2	3
10	Synthesis and biological evaluation of benzhydryl-based antiplasmodial agents possessing Plasmodium falciparum chloroquine resistance transporter (PfCRT) inhibitory activity. <i>European Journal of Medicinal Chemistry</i> , 2021 , 215, 113227	6.8	2
9	PBOX-15 induces apoptosis and improves the efficacy of oxaliplatin in human colorectal cancer cell lines. <i>European Journal of Pharmacology</i> , 2013 , 714, 379-87	5.3	1
8	A straightforward approach for engineering efficacy and selectivity at GPCRs. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 6687-8	8.3	1
7	Synthetic studies toward bicyclic endoperoxides presenting polar side chains. <i>Tetrahedron Letters</i> , 2018 , 59, 4330-4333	2	1
6	A non-toxic, reversibly released imaging probe for oral cancer that is derived from natural compounds. <i>Scientific Reports</i> , 2021 , 11, 14069	4.9	0
5	Design and synthesis of multifunctional microtubule targeting agents endowed with dual pro-apoptotic and anti-autophagic efficacy.. <i>European Journal of Medicinal Chemistry</i> , 2022 , 235, 114274	6.8	0
4	Azetidin-2-one-based small molecules as dual hHDAC6/HDAC8 inhibitors: Investigation of their mechanism of action and impact of dual inhibition profile on cell viability.. <i>European Journal of Medicinal Chemistry</i> , 2022 , 238, 114409	6.8	0
3	Polycondensed Heterocycles. Part 12. An Approach to the Synthesis of 2-Acetyl-1?-methyl-1,2,3,4-tetrahydrospiro [isoquinoline-1,4?-pyrrolidine]-2?-one.. <i>ChemInform</i> , 2002 , 33, 154-154		
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