

# Shu Song

## List of Publications by Citations

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172  
papers

3,529  
citations

32  
h-index

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g-index

185  
ext. papers

4,634  
ext. citations

6  
avg, IF

5.69  
L-index

#	Paper	IF	Citations
172	Anti-HIV Drug Discovery and Development: Current Innovations and Future Trends. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 2849-78	8.3	199
171	8-Hydroxyquinoline: a privileged structure with a broad-ranging pharmacological potential. <i>MedChemComm</i> , <b>2015</b> , 6, 61-74	5	132
170	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) membrane (M) protein inhibits type I and III interferon production by targeting RIG-I/MDA-5 signaling. <i>Signal Transduction and Targeted Therapy</i> , <b>2020</b> , 5, 299	21	123
169	Inhibitors of SARS-CoV-2 Entry: Current and Future Opportunities. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 12256-12274	8.3	111
168	Discovery of bioactive molecules from CuAAC click-chemistry-based combinatorial libraries. <i>Drug Discovery Today</i> , <b>2016</b> , 21, 118-132	8.8	101
167	Design, Synthesis, and Evaluation of Thiophene[3,2-d]pyrimidine Derivatives as HIV-1 Non-nucleoside Reverse Transcriptase Inhibitors with Significantly Improved Drug Resistance Profiles. <i>Journal of Medicinal Chemistry</i> , <b>2016</b> , 59, 7991-8007	8.3	84
166	The Journey of HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors (NNRTIs) from Lab to Clinic. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 4851-4883	8.3	74
165	Recent applications of click chemistry in drug discovery. <i>Expert Opinion on Drug Discovery</i> , <b>2019</b> , 14, 779-789	7.8	70
164	Fused heterocycles bearing bridgehead nitrogen as potent HIV-1 NNRTIs. Part 3: optimization of [1,2,4]triazolo[1,5-a]pyrimidine core via structure-based and physicochemical property-driven approaches. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 92, 754-65	6.8	69
163	Structure-Based Optimization of Thiophene[3,2-d]pyrimidine Derivatives as Potent HIV-1 Non-nucleoside Reverse Transcriptase Inhibitors with Improved Potency against Resistance-Associated Variants. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 4424-4443	8.3	65
162	Fused heterocyclic compounds bearing bridgehead nitrogen as potent HIV-1 NNRTIs. Part 1: design, synthesis and biological evaluation of novel 5,7-disubstituted pyrazolo[1,5-a]pyrimidine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 2052-9	3.4	55
161	Overview of Recent Strategic Advances in Medicinal Chemistry. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 9375-9414	8.3	53
160	Tetramethylpyrazine analogue CXC195 protects against cerebral ischemia/reperfusion-induced apoptosis through PI3K/Akt/GSK3 $\beta$ pathway in rats. <i>Neurochemistry International</i> , <b>2014</b> , 66, 27-32	4.4	52
159	Fsp: A new parameter for drug-likeness. <i>Drug Discovery Today</i> , <b>2020</b> , 25, 1839-1845	8.8	52
158	"Old friends in new guise": exploiting privileged structures for scaffold re-evolution/refining. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2014</b> , 17, 536-53	1.3	50
157	Exploiting the Tolerant Region I of the Non-Nucleoside Reverse Transcriptase Inhibitor (NNRTI) Binding Pocket: Discovery of Potent Diarylpyrimidine-Typed HIV-1 NNRTIs against Wild-Type and E138K Mutant Virus with Significantly Improved Water Solubility and Favorable Safety Profiles. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 2093-2098	8.3	47
156	The pentatricopeptide repeat protein EMP9 is required for mitochondrial ccmB and rps4 transcript editing, mitochondrial complex biogenesis and seed development in maize. <i>New Phytologist</i> , <b>2017</b> , 214, 782-795	9.8	45

155	Targeting the entrance channel of NNIBP: Discovery of diarylnicotinamide 1,4-disubstituted 1,2,3-triazoles as novel HIV-1 NNRTIs with high potency against wild-type and E138K mutant virus. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 151, 339-350	6.8	44
154	Fused heterocycles bearing bridgehead nitrogen as potent HIV-1 NNRTIs. Part 2: discovery of novel [1,2,4]Triazolo[1,5-a]pyrimidines using a structure-guided core-refining approach. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 85, 293-303	6.8	44
153	Recent advances in the discovery and development of novel HIV-1 NNRTI platforms (Part II): 2009-2013 update. <i>Current Medicinal Chemistry</i> , <b>2014</b> , 21, 329-55	4.3	41
152	Identification of Dihydrofuro[3,4- d]pyrimidine Derivatives as Novel HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors with Promising Antiviral Activities and Desirable Physicochemical Properties. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 1484-1501	8.3	41
151	Structural basis for potent and broad inhibition of HIV-1 RT by thiophene[3,2-]pyrimidine non-nucleoside inhibitors. <i>ELife</i> , <b>2018</b> , 7,	8.9	41
150	Inhibitors of Influenza Virus Polymerase Acidic (PA) Endonuclease: Contemporary Developments and Perspectives. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 3533-3551	8.3	40
149	Design, synthesis and biological evaluation of tacrine-1,2,3-triazole derivatives as potent cholinesterase inhibitors. <i>MedChemComm</i> , <b>2018</b> , 9, 149-159	5	39
148	Design, synthesis and structure-activity relationships of 4-phenyl-1H-1,2,3-triazole phenylalanine derivatives as novel HIV-1 capsid inhibitors with promising antiviral activities. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 190, 112085	6.8	37
147	Fused heterocycles bearing bridgehead nitrogen as potent HIV-1 NNRTIs. Part 4: design, synthesis and biological evaluation of novel imidazo[1,2-a]pyrazines. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 93, 330-7	6.8	37
146	Discovery of phenylalanine derivatives as potent HIV-1 capsid inhibitors from click chemistry-based compound library. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 158, 478-492	6.8	36
145	Recent progress in the structural modification and pharmacological activities of ligustrazine derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 147, 150-162	6.8	35
144	Discovery of 2-pyridone derivatives as potent HIV-1 NNRTIs using molecular hybridization based on crystallographic overlays. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 1863-72	3.4	35
143	Strategies for the Discovery of Target-Specific or Isoform-Selective Modulators. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 7611-33	8.3	34
142	Medicinal chemistry insights in the discovery of novel LSD1 inhibitors. <i>Epigenomics</i> , <b>2015</b> , 7, 1379-96	4.4	32
141	Optimization of N-Substituted Oseltamivir Derivatives as Potent Inhibitors of Group-1 and -2 Influenza A Neuraminidases, Including a Drug-Resistant Variant. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 6379-6397	8.3	32
140	Design, synthesis and anti-HIV evaluation of novel diarylnicotinamide derivatives (DANAs) targeting the entrance channel of the NNRTI binding pocket through structure-guided molecular hybridization. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 87, 52-62	6.8	31
139	Recent progress in the research of small molecule HIV-1 RNase H inhibitors. <i>Current Medicinal Chemistry</i> , <b>2014</b> , 21, 1956-67	4.3	30
138	Update on Recent Developments in Small Molecular HIV-1 RNase H Inhibitors (2013-2016): Opportunities and Challenges. <i>Current Medicinal Chemistry</i> , <b>2018</b> , 25, 1682-1702	4.3	30

137	Discovery and characterization of novel imidazopyridine derivative CHEQ-2 as a potent CDC25 inhibitor and promising anticancer drug candidate. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 82, 293-307	6.8	29
136	Design, synthesis and primary biological evaluation of the novel 2-pyridone derivatives as potent non-nucleoside HBV inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 136, 144-153	6.8	28
135	Recent developments in the medicinal chemistry of single boron atom-containing compounds. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> , 11, 3035-3059	15.5	28
134	Current insights into anti-HIV drug discovery and development: a review of recent patent literature (2014-2017). <i>Expert Opinion on Therapeutic Patents</i> , <b>2018</b> , 28, 299-316	6.8	27
133	Discovery of novel anti-HIV agents via Cu(I)-catalyzed azide-alkyne cycloaddition (CuAAC) click chemistry-based approach. <i>Expert Opinion on Drug Discovery</i> , <b>2016</b> , 11, 857-71	6.2	26
132	Design, synthesis and anti-HIV evaluation of novel diarylpyridine derivatives targeting the entrance channel of NNRTI binding pocket. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 109, 294-304	6.8	26
131	Discovery of non-peptide small molecular CXCR4 antagonists as anti-HIV agents: Recent advances and future opportunities. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 114, 65-78	6.8	26
130	Exploring the hydrophobic channel of NNIBP leads to the discovery of novel piperidine-substituted thiophene[3,2-]pyrimidine derivatives as potent HIV-1 NNRTIs. <i>Acta Pharmaceutica Sinica B</i> , <b>2020</b> , 10, 878-894	15.5	26
129	Discovery of Novel Diarylpyrimidine Derivatives as Potent HIV-1 NNRTIs Targeting the "NNRTI Adjacent" Binding Site. <i>ACS Medicinal Chemistry Letters</i> , <b>2018</b> , 9, 334-338	4.3	25
128	First discovery of novel 3-hydroxy-quinazoline-2,4(1H,3H)-diones as specific anti-vaccinia and adenovirus agents via privileged scaffoldRefining approach. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 5182-5186	2.9	25
127	Influenza A virus polymerase: an attractive target for next-generation anti-influenza therapeutics. <i>Drug Discovery Today</i> , <b>2018</b> , 23, 503-518	8.8	24
126	Design, synthesis and evaluation of pyrazole derivatives as non-nucleoside hepatitis B virus inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 123, 202-210	6.8	24
125	Discovery of novel diarylpyrimidines as potent HIV NNRTIs via a structure-guided core-refining approach. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 80, 112-21	6.8	24
124	Discovery of novel 1,4-disubstituted 1,2,3-triazole phenylalanine derivatives as HIV-1 capsid inhibitors. <i>RSC Advances</i> , <b>2019</b> , 9, 28961-28986	3.7	24
123	Contemporary medicinal-chemistry strategies for the discovery of selective butyrylcholinesterase inhibitors. <i>Drug Discovery Today</i> , <b>2019</b> , 24, 629-635	8.8	24
122	Structure-Based Optimization of N-Substituted Oseltamivir Derivatives as Potent Anti-Influenza A Virus Agents with Significantly Improved Potency against Oseltamivir-Resistant N1-H274Y Variant. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 9976-9999	8.3	24
121	Discovery of Thiophene[3,2-]pyrimidine Derivatives as Potent HIV-1 NNRTIs Targeting the Tolerant Region I of NNIBP. <i>ACS Medicinal Chemistry Letters</i> , <b>2017</b> , 8, 1188-1193	4.3	21
120	Discovery of potent HIV-1 non-nucleoside reverse transcriptase inhibitors from arylthioacetanilide structural motif. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 102, 167-79	6.8	21

119	Further Exploring Solvent-Exposed Tolerant Regions of Allosteric Binding Pocket for Novel HIV-1 NNRTIs Discovery. <i>ACS Medicinal Chemistry Letters</i> , <b>2018</b> , 9, 370-375	4.3	21
118	Discovery of C-1 modified oseltamivir derivatives as potent influenza neuraminidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 146, 220-231	6.8	21
117	5-Hydroxypyrido[2,3-b]pyrazin-6(5H)-one derivatives as novel dual inhibitors of HIV-1 reverse transcriptase-associated ribonuclease H and integrase. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 155, 714-724	6.8	21
116	Synthesis and anti-HIV activity evaluation of novel N?-arylidene-2-[1-(naphthalen-1-yl)-1H-tetrazol-5-ylthio]acetohydrazides. <i>Medicinal Chemistry Research</i> , <b>2010</b> , 19, 652-663	2.2	21
115	Discovery and Characterization of Fluorine-Substituted Diarylpyrimidine Derivatives as Novel HIV-1 NNRTIs with Highly Improved Resistance Profiles and Low Activity for the hERG Ion Channel. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 1298-1312	8.3	20
114	Structure-Based Bioisosterism Yields HIV-1 NNRTIs with Improved Drug-Resistance Profiles and Favorable Pharmacokinetic Properties. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 4837-4848	8.3	20
113	Novel urate transporter 1 (URAT1) inhibitors: a review of recent patent literature (2016-2019). <i>Expert Opinion on Therapeutic Patents</i> , <b>2019</b> , 29, 871-879	6.8	20
112	Design, synthesis and preliminary SAR studies of novel N-arylmethyl substituted piperidine-linked aniline derivatives as potent HIV-1 NNRTIs. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 633-42	3.4	20
111	Discovery of small molecular inhibitors targeting HIV-1 gp120-CD4 interaction driven from BMS-378806. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 86, 481-90	6.8	20
110	Structural optimization of pyridine-type DAPY derivatives to exploit the tolerant regions of the NNRTI binding pocket. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 121, 352-363	6.8	20
109	Tetramethylpyrazine Analogue CXC195 Protects Against Dopaminergic Neuronal Apoptosis via Activation of PI3K/Akt/GSK3 $\beta$ Signaling Pathway in 6-OHDA-Induced Parkinson's Disease Mice. <i>Neurochemical Research</i> , <b>2017</b> , 42, 1141-1150	4.6	19
108	Discovery of HCV NS5B thumb site I inhibitors: core-refining from benzimidazole to indole scaffold. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 94, 218-28	6.8	19
107	Novel diarylpyrimidines and diaryltriazines as potent HIV-1 NNRTIs with dramatically improved solubility: a patent evaluation of US20140378443A1. <i>Expert Opinion on Therapeutic Patents</i> , <b>2016</b> , 26, 281-9	6.8	19
106	Design, synthesis and biological evaluation of "Multi-Site"-binding influenza virus neuraminidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 178, 64-80	6.8	18
105	Design, Synthesis, and Mechanism Study of Benzenesulfonamide-Containing Phenylalanine Derivatives as Novel HIV-1 Capsid Inhibitors with Improved Antiviral Activities. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 4790-4810	8.3	18
104	Discovery of uracil-bearing DAPYs derivatives as novel HIV-1 NNRTIs via crystallographic overlay-based molecular hybridization. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 130, 209-222	6.8	17
103	Identification of Chebulinic Acid and Chebulagic Acid as Novel Influenza Viral Neuraminidase Inhibitors. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 182	5.7	17
102	Novel fused pyrimidine and isoquinoline derivatives as potent HIV-1 NNRTIs: a patent evaluation of WO2016105532A1, WO2016105534A1 and WO2016105564A1. <i>Expert Opinion on Therapeutic Patents</i> , <b>2017</b> , 27, 383-391	6.8	16

101	Discovery of novel DAPY-IAS hybrid derivatives as potential HIV-1 inhibitors using molecular hybridization based on crystallographic overlays. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 4397-4406	3.4	16
100	Molecular design opportunities presented by solvent-exposed regions of target proteins. <i>Medicinal Research Reviews</i> , <b>2019</b> , 39, 2194-2238	14.4	16
99	Design, synthesis and evaluation of novel HIV-1 NNRTIs with dual structural conformations targeting the entrance channel of the NNRTI binding pocket. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 115, 53-62	6.8	16
98	Discovery of piperidine-substituted thiazolo[5,4-d]pyrimidine derivatives as potent and orally bioavailable HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>Communications Chemistry</i> , <b>2019</b> , 2, 1-10	6.3	15
97	Discovery of novel piperidine-substituted indolylarylsulfones as potent HIV NNRTIs via structure-guided scaffold morphing and fragment rearrangement. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 126, 190-201	6.8	15
96	Discovery of nitropyridine derivatives as potent HIV-1 non-nucleoside reverse transcriptase inhibitors via a structure-based core refining approach. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 76, 531-8	6.8	15
95	Efficient drug discovery by rational lead hybridization based on crystallographic overlay. <i>Drug Discovery Today</i> , <b>2019</b> , 24, 805-813	8.8	15
94	Structure-based virtual screening and ADME/T-based prediction analysis for the discovery of novel antifungal CYP51 inhibitors. <i>MedChemComm</i> , <b>2018</b> , 9, 1178-1187	5	14
93	Identification of Potent Ebola Virus Entry Inhibitors with Suitable Properties for in Vivo Studies. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 6293-6307	8.3	14
92	Synthesis and Preliminary Antiviral Activities of Piperidine-substituted Purines against HIV and Influenza A/H1N1 Infections. <i>Chemical Biology and Drug Design</i> , <b>2015</b> , 86, 568-77	2.9	14
91	Recent progress on the treatment of Ebola virus disease with Favipiravir and other related strategies. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 2364-2368	2.9	13
90	Non-nucleoside anti-HBV agents: advances in structural optimization and mechanism of action investigations. <i>MedChemComm</i> , <b>2015</b> , 6, 521-535	5	13
89	Design, Synthesis, and Anti-HIV Evaluation of Novel Triazine Derivatives Targeting the Entrance Channel of the NNRTI Binding Pocket. <i>Chemical Biology and Drug Design</i> , <b>2015</b> , 86, 122-8	2.9	13
88	Targeting the entry step of SARS-CoV-2: a promising therapeutic approach. <i>Signal Transduction and Targeted Therapy</i> , <b>2020</b> , 5, 98	21	13
87	Synthesis and Biological Evaluation of a Series of 2-((1-substituted-1H-1,2,3-triazol-4-yl)methylthio)-6-(naphthalen-1-ylmethyl)pyrimidin-4(3H)-one As Potential HIV-1 Inhibitors. <i>Chemical Biology and Drug Design</i> , <b>2015</b> , 86, 614-8	2.9	13
86	1-Hydroxypyrido[2,3-d]pyrimidin-2(1H)-ones as novel selective HIV integrase inhibitors obtained via privileged substructure-based compound libraries. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 5779-5789	3.4	12
85	SARS-CoV-2 NSP5 and N protein counteract the RIG-I signaling pathway by suppressing the formation of stress granules.. <i>Signal Transduction and Targeted Therapy</i> , <b>2022</b> , 7, 22	21	12
84	Discovery of novel 1,2,3-triazole oseltamivir derivatives as potent influenza neuraminidase inhibitors targeting the 430-cavity. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 187, 111940	6.8	12

83	Design, synthesis and biological evaluation of novel acetamide-substituted doravirine and its prodrugs as potent HIV-1 NNRTIs. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 447-456	3.4	12
82	Identification of highly potent and selective Cdc25 protein phosphatases inhibitors from miniaturization click-chemistry-based combinatorial libraries. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 183, 111696	6.8	11
81	In situ click chemistry-based rapid discovery of novel HIV-1 NNRTIs by exploiting the hydrophobic channel and tolerant regions of NNIBP. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 193, 112237	6.8	11
80	Medicinal chemistry insights into novel CDC25 inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 201, 112374	6.8	11
79	Design, synthesis and anti-HIV evaluation of novel diarylpyridine derivatives as potent HIV-1 NNRTIs. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 140, 383-391	6.8	11
78	2,4,5-Trisubstituted Pyrimidines as Potent HIV-1 NNRTIs: Rational Design, Synthesis, Activity Evaluation, and Crystallographic Studies. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 4239-4256	8.3	11
77	Potent arylamide derivatives as dual-target antifungal agents: Design, synthesis, biological evaluation, and molecular docking studies. <i>Bioorganic Chemistry</i> , <b>2020</b> , 99, 103749	5.1	10
76	Arylazolyl(azinyl)thioacetanilides. Part 16: Structure-based bioisosterism design, synthesis and biological evaluation of novel pyrimidinylthioacetanilides as potent HIV-1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 5290-7	3.4	9
75	Designing influenza polymerase acidic endonuclease inhibitors via a privileged scaffold re-evolution/refining strategy. <i>Future Medicinal Chemistry</i> , <b>2019</b> ,	4.1	8
74	Structure-Activity Relationship Exploration of NNIBP Tolerant Region I Leads to Potent HIV-1 NNRTIs. <i>ACS Infectious Diseases</i> , <b>2020</b> , 6, 2225-2234	5.5	8
73	First discovery of a potential carbonate prodrug of NNRTI drug candidate RDEA427 with submicromolar inhibitory activity against HIV-1 K103N/Y181C double mutant strain. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2018</b> , 28, 1348-1351	2.9	8
72	Design, synthesis, and antiviral evaluation of novel hydrazone-substituted thiophene[3,2-d]pyrimidine derivatives as potent human immunodeficiency virus-1 inhibitors. <i>Chemical Biology and Drug Design</i> , <b>2018</b> , 92, 2009-2021	2.9	8
71	The development of an effective synthetic route of lesinurad (RDEA594). <i>Chemistry Central Journal</i> , <b>2017</b> , 11, 86		8
70	Review of small synthetic molecules targeting HBV capsid assembly. <i>Medicinal Chemistry</i> , <b>2015</b> , 11, 710-6.8	6.8	8
69	Discovery and optimization of benzenesulfonamides-based hepatitis B virus capsid modulators via contemporary medicinal chemistry strategies. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 206, 112714	6.8	8
68	Novel Human Urate Transporter 1 Inhibitors as Hypouricemic Drug Candidates with Favorable Druggability. <i>Journal of Medicinal Chemistry</i> , <b>2020</b> , 63, 10829-10854	8.3	8
67	Design, synthesis, and biologic evaluation of novel galloyl derivatives as HIV-1 RNase H inhibitors. <i>Chemical Biology and Drug Design</i> , <b>2019</b> , 93, 582-589	2.9	8
66	Discovery of potent HIV-1 non-nucleoside reverse transcriptase inhibitors by exploring the structure-activity relationship of solvent-exposed regions I. <i>Chemical Biology and Drug Design</i> , <b>2019</b> , 93, 430-437	2.9	8

65	Design, synthesis, and evaluation of novel heteroaryldihydropyrimidine derivatives as non-nucleoside hepatitis B virus inhibitors by exploring the solvent-exposed region. <i>Chemical Biology and Drug Design</i> , <b>2020</b> , 95, 567-583	2.9	8
64	Resurrecting the Condemned: Identification of N-Benzoxaborole Benzofuran GSK8175 as a Clinical Candidate with Reduced Metabolic Liability. <i>Journal of Medicinal Chemistry</i> , <b>2019</b> , 62, 3251-3253	8.3	7
63	The discovery of novel diarylpyri(mi)dine derivatives with high level activity against a wide variety of HIV-1 strains as well as against HIV-2. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 2051-2060	3.4	7
62	Arylazolyl(azinyl)thioacetanilides: Part 19: Discovery of Novel Substituted Imidazo[4,5-b]pyridin-2-ylthioacetanilides as Potent HIV NNRTIs Via a Structure-based Bioisosterism Approach. <i>Chemical Biology and Drug Design</i> , <b>2016</b> , 88, 241-53	2.9	7
61	Discovery of novel indolylarylsulfones as potent HIV-1 NNRTIs via structure-guided scaffold morphing. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 182, 111619	6.8	7
60	Design, synthesis and biological evaluation of 3-hydroxyquinazoline-2,4(1H,3H)-diones as dual inhibitors of HIV-1 reverse transcriptase-associated RNase H and integrase. <i>Bioorganic and Medicinal Chemistry</i> , <b>2019</b> , 27, 3836-3845	3.4	7
59	Discovery of novel pyridazinylthioacetamides as potent HIV-1 NNRTIs using a structure-based bioisosterism approach. <i>MedChemComm</i> , <b>2013</b> , 4, 810	5	7
58	3D-QSAR and docking studies on piperidine-substituted diarylpyrimidine analogues as HIV-1 reverse transcriptase inhibitors. <i>Medicinal Chemistry Research</i> , <b>2015</b> , 24, 3314-3326	2.2	7
57	Ligustrazine derivatives. Part 8: design, synthesis, and preliminary biological evaluation of novel Ligustrazinyl amides as cardiovascular agents. <i>Medicinal Chemistry</i> , <b>2014</b> , 10, 81-9	1.8	7
56	Design, synthesis and bioactivity evaluation of novel arylalkene-amide derivatives as dual-target antifungal inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 205, 112645	6.8	7
55	Arylazolyl(azinyl)thioacetanilides. Part 20: Discovery of novel purinylthioacetanilides derivatives as potent HIV-1 NNRTIs via a structure-based bioisosterism approach. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 4424-4433	3.4	7
54	Punicalagin is a neuraminidase inhibitor of influenza viruses. <i>Journal of Medical Virology</i> , <b>2021</b> , 93, 3465-3472	3.7	7
53	Contemporary medicinal-chemistry strategies for discovery of blood coagulation factor Xa inhibitors. <i>Expert Opinion on Drug Discovery</i> , <b>2019</b> , 14, 915-931	6.2	6
52	Design, diversity-oriented synthesis and biological evaluation of novel heterocycle derivatives as non-nucleoside HBV capsid protein inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 202, 112495	6.8	6
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50	Design, synthesis and biological evaluation of novel trimethylpyrazine-2-carboxyloxy-cinnamic acids as potent cardiovascular agents. <i>MedChemComm</i> , <b>2014</b> , 5, 711	5	6
49	Design, synthesis and biological evaluation of novel ligustrazinylated derivatives as potent cardiovascular agents. <i>MedChemComm</i> , <b>2013</b> , 4, 827-832	5	6
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41	Discovery of novel "Dual-site" binding oseltamivir derivatives as potent influenza virus neuraminidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 191, 112147	6.8	5
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36	Medicinal chemistry strategies towards the development of effective SARS-CoV-2 inhibitors. <i>Acta Pharmaceutica Sinica B</i> , <b>2021</b> ,	15.5	5
35	Regioselective synthesis of novel N2- and N4-substituted 7-methylpyrazolo[4,5-e][1,2,4]thiadiazines. <i>Molecules</i> , <b>2006</b> , 11, 827-36	4.8	4
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33	Medicinal chemistry of small molecule CCR5 antagonists for blocking HIV-1 entry: a review of structural evolution. <i>Current Topics in Medicinal Chemistry</i> , <b>2014</b> , 14, 1515-38	3	4
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31	The development of an effective synthetic route of rilpivirine. <i>BMC Chemistry</i> , <b>2021</b> , 15, 22	3.7	4
30	Exploiting the tolerant region I of the non-nucleoside reverse transcriptase inhibitor (NNRTI) binding pocket. Part 2: Discovery of diarylpyrimidine derivatives as potent HIV-1 NNRTIs with high Fsp values and favorable drug-like properties. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 213, 113051	6.8	4

29	Design, synthesis, and mechanism study of dimerized phenylalanine derivatives as novel HIV-1 capsid inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 226, 113848	6.8	4
28	Design, Synthesis, and Biological Evaluation of Novel 4-Aminopiperidinyl-linked 3,5-Disubstituted-1,2,6-thiadiazine-1,1-dione Derivatives as HIV-1 NNRTIs. <i>Chemical Biology and Drug Design</i> , <b>2015</b> , 86, 107-13	2.9	3
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26	Targeting dual tolerant regions of binding pocket: Discovery of novel morpholine-substituted diarylpyrimidines as potent HIV-1 NNRTIs with significantly improved water solubility. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 206, 112811	6.8	3
25	Discovery of highly potent and selective influenza virus neuraminidase inhibitors targeting 150-cavity. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 212, 113097	6.8	3
24	Discovery, optimization, and target identification of novel coumarin derivatives as HIV-1 reverse transcriptase-associated ribonuclease H inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 225, 113769	6.8	3
23	Substituted indoles as HIV-1 non-nucleoside reverse transcriptase inhibitors: a patent evaluation (WO2015044928). <i>Expert Opinion on Therapeutic Patents</i> , <b>2016</b> , 26, 629-35	6.8	2
22	Indolylarylsulfones bearing phenylboronic acid and phenylboronate ester functionalities as potent HIV-1 non-nucleoside reverse transcriptase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 53, 116531	3.4	2
21	Identification of novel potent HIV-1 inhibitors by exploiting the tolerant regions of the NNRTIs binding pocket. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 214, 113204	6.8	2
20	Design, synthesis and anti-HIV evaluation of novel 5-substituted diarylpyrimidine derivatives as potent HIV-1 NNRTIs. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 40, 116195	3.4	2
19	Design, synthesis, and biological evaluation of novel 5-Alkyl-6-Adamantylmethylpyrimidin-4(3H)-ones as HIV-1 non-nucleoside reverse-transcriptase inhibitors. <i>Chemical Biology and Drug Design</i> , <b>2016</b> , 88, 380-5	2.9	2
18	Discovery of Novel Dihydrothiopyrano[4,3-]pyrimidine Derivatives as Potent HIV-1 NNRTIs with Significantly Reduced hERG Inhibitory Activity and Improved Resistance Profiles. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 13658-13675	8.3	2
17	Discovery of potent and selective Cdc25 phosphatase inhibitors via rapid assembly and in situ screening of Quinonoid-focused libraries. <i>Bioorganic Chemistry</i> , <b>2021</b> , 115, 105254	5.1	2
16	Design, synthesis and evaluation of heteroaryldihydropyrimidine analogues bearing spiro ring as hepatitis B virus capsid protein inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 225, 113780	6.8	2
15	CD169-positive macrophages enhance abscopal effect of radiofrequency ablation therapy in liver cancer. <i>Translational Oncology</i> , <b>2021</b> , 15, 101306	4.9	1
14	Design, synthesis, and mechanistic investigations of phenylalanine derivatives containing a benzothiazole moiety as HIV-1 capsid inhibitors with improved metabolic stability. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 227, 113903	6.8	1
13	Discovery and optimizing polycyclic pyridone compounds as anti-HBV agents. <i>Expert Opinion on Therapeutic Patents</i> , <b>2020</b> , 30, 715-721	6.8	1
12	SARS-CoV-2 Entry inhibitors targeting virus-ACE2 or virus-TMPRSS2 interactions. <i>Current Medicinal Chemistry</i> , <b>2021</b> ,	4.3	1

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6	Design, synthesis, and antiviral activity of phenylalanine derivatives as HIV-1 capsid inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 48, 116414	3.4	0
5	Novel RNase H inhibitors blocking RNA-directed strand displacement DNA synthesis by HIV-1 reverse transcriptase.. <i>Journal of Molecular Biology</i> , <b>2022</b> , 167507	6.5	0
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