Shu Song

List of Publications by Year in Descending Order

172 papers	3,529 citations	32 h-index	49 g-index
185 ext. papers	4,634 ext. citations	6 avg, IF	5.69 L-index

#	Paper	IF	Citations
172	SARS-CoV-2 NSP5 and N protein counteract the RIG-I signaling pathway by suppressing the formation of stress granules.. *Signal Transduction and Targeted Therapy*, **2022**, 7, 22	21	12
171	Design, synthesis, and mechanistic investigations of phenylalanine derivatives containing a benzothiazole moiety as HIV-1 capsid inhibitors with improved metabolic stability. *European Journal of Medicinal Chemistry*, **2022**, 227, 113903	6.8	1
170	Contemporary Medicinal Chemistry Strategies for the Discovery and Development of Novel HIV-1 Non-nucleoside Reverse Transcriptase Inhibitors.. *Journal of Medicinal Chemistry*, **2022**,	8.3	6
169	Novel RNase H inhibitors blocking RNA-directed strand displacement DNA synthesis by HIV-1 reverse transcriptase.. *Journal of Molecular Biology*, **2022**, 167507	6.5	0
168	CD169-positive macrophages enhance abscopal effect of radiofrequency ablation therapy in liver cancer. *Translational Oncology*, **2021**, 15, 101306	4.9	1
167	Indolylarylsulfones bearing phenylboronic acid and phenylboronate ester functionalities as potent HIV-1 non-nucleoside reverse transcriptase inhibitors. *Bioorganic and Medicinal Chemistry*, **2021**, 53, 116531	3.4	2
166	Identification of novel potent HIV-1 inhibitors by exploiting the tolerant regions of the NNRTIs binding pocket. *European Journal of Medicinal Chemistry*, **2021**, 214, 113204	6.8	2
165	2,4,5-Trisubstituted Pyrimidines as Potent HIV-1 NNRTIs: Rational Design, Synthesis, Activity Evaluation, and Crystallographic Studies. *Journal of Medicinal Chemistry*, **2021**, 64, 4239-4256	8.3	11
164	The development of an effective synthetic route of rilpivirine. *BMC Chemistry*, **2021**, 15, 22	3.7	4
163	SARS-CoV-2 Entry inhibitors targeting virus-ACE2 or virus-TMPRSS2 interactions. *Current Medicinal Chemistry*, **2021**,	4.3	1
162	An insight on medicinal aspects of novel HIV-1 capsid protein inhibitors. *European Journal of Medicinal Chemistry*, **2021**, 217, 113380	6.8	6
161	Advances in Natural Products-Based Antiviral Agents **2021**, 21-42		
160	Design, synthesis and anti-HIV evaluation of novel 5-substituted diarylpyrimidine derivatives as potent HIV-1 NNRTIs. *Bioorganic and Medicinal Chemistry*, **2021**, 40, 116195	3.4	2
159	Exploiting the hydrophobic channel of the NNIBP: Discovery of novel diarylpyrimidines as HIV-1 NNRTIs against wild-type and K103N mutant viruses. *Bioorganic and Medicinal Chemistry*, **2021**, 42, 116239	3.4	1
158	Design, synthesis, and biological evaluation of piperidinyl-substituted [1,2,4]triazolo[1,5-a]pyrimidine derivatives as potential anti-HIV-1 agents with reduced cytotoxicity. *Chemical Biology and Drug Design*, **2021**, 97, 67-76	2.9	5
157	Novel indolylarylsulfone derivatives as covalent HIV-1 reverse transcriptase inhibitors specifically targeting the drug-resistant mutant Y181C. *Bioorganic and Medicinal Chemistry*, **2021**, 30, 115927	3.4	6
156	Design, synthesis, and evaluation of "dual-site"-binding diarylpyrimidines targeting both NNIBP and the NNRTI adjacent site of the HIV-1 reverse transcriptase. *European Journal of Medicinal Chemistry*, **2021**, 211, 113063	6.8	5

155	Discovery of highly potent and selective influenza virus neuraminidase inhibitors targeting 150-cavity. *European Journal of Medicinal Chemistry*, **2021**, 212, 113097	6.8	3
154	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. *European Journal of Medicinal Chemistry*, **2021**, 213, 113051	6.8	4
153	Punicalagin is a neuraminidase inhibitor of influenza viruses. *Journal of Medical Virology*, **2021**, 93, 3465-3472	19.2	7
152	Search, Identification, and Design of Effective Antiviral Drugs Against Pandemic Human Coronaviruses. *Advances in Experimental Medicine and Biology*, **2021**, 1322, 219-260	3.6	1
151	Recent developments in the medicinal chemistry of single boron atom-containing compounds. *Acta Pharmaceutica Sinica B*, **2021**, 11, 3035-3059	15.5	28
150	Discovery of Novel Dihydrothiopyrano[4,3-]pyrimidine Derivatives as Potent HIV-1 NNRTIs with Significantly Reduced hERG Inhibitory Activity and Improved Resistance Profiles. *Journal of Medicinal Chemistry*, **2021**, 64, 13658-13675	8.3	2
149	Medicinal chemistry strategies towards the development of effective SARS-CoV-2 inhibitors. *Acta Pharmaceutica Sinica B*, **2021**,	15.5	5
148	Structure-Based Design and Discovery of Pyridyl-Bearing Fused Bicyclic HIV-1 Inhibitors: Synthesis, Biological Characterization, and Molecular Modeling Studies. *Journal of Medicinal Chemistry*, **2021**, 64, 13604-13621	8.3	1
147	Discovery of potent and selective Cdc25 phosphatase inhibitors via rapid assembly and in situ screening of Quinonoid-focused libraries. *Bioorganic Chemistry*, **2021**, 115, 105254	5.1	2
146	Design, synthesis, and antiviral activity of phenylalanine derivatives as HIV-1 capsid inhibitors. *Bioorganic and Medicinal Chemistry*, **2021**, 48, 116414	3.4	0
145	Design, synthesis, and antiviral evaluation of novel piperidine-substituted arylpyrimidines as HIV-1 NNRTIs by exploring the hydrophobic channel of NNIBP. *Bioorganic Chemistry*, **2021**, 116, 105353	5.1	1
144	Discovery, optimization, and target identification of novel coumarin derivatives as HIV-1 reverse transcriptase-associated ribonuclease H inhibitors. *European Journal of Medicinal Chemistry*, **2021**, 225, 113769	6.8	3
143	Design, synthesis and evaluation of heteroaryldihydropyrimidine analogues bearing spiro ring as hepatitis B virus capsid protein inhibitors. *European Journal of Medicinal Chemistry*, **2021**, 225, 113780	6.8	2
142	Design, synthesis, and mechanism study of dimerized phenylalanine derivatives as novel HIV-1 capsid inhibitors. *European Journal of Medicinal Chemistry*, **2021**, 226, 113848	6.8	4
141	Discovery of potential dual-target prodrugs of HIV-1 reverse transcriptase and nucleocapsid protein 7. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127287	2.9	
140	Recent Developments in Small Molecular HIV-1 and Hepatitis B Virus RNase H Inhibitors **2020**, 273-292		
139	Inhibitors of SARS-CoV-2 Entry: Current and Future Opportunities. *Journal of Medicinal Chemistry*, **2020**, 63, 12256-12274	8.3	111
138	Targeting the entry step of SARS-CoV-2: a promising therapeutic approach. *Signal Transduction and Targeted Therapy*, **2020**, 5, 98	21	13

137	DEK46 performs C-to-U editing of a specific site in mitochondrial nad7 introns that is critical for intron splicing and seed development in maize. *Plant Journal*, **2020**, 103, 1767-1782	6.9	5
136	Potent arylamide derivatives as dual-target antifungal agents: Design, synthesis, biological evaluation, and molecular docking studies. *Bioorganic Chemistry*, **2020**, 99, 103749	5.1	10
135	In situ click chemistry-based rapid discovery of novel HIV-1 NNRTIs by exploiting the hydrophobic channel and tolerant regions of NNIBP. *European Journal of Medicinal Chemistry*, **2020**, 193, 112237	6.8	11
134	Design, diversity-oriented synthesis and biological evaluation of novel heterocycle derivatives as non-nucleoside HBV capsid protein inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 202, 112495	6.8	6
133	Structure-Activity Relationship Exploration of NNIBP Tolerant Region I Leads to Potent HIV-1 NNRTIs. *ACS Infectious Diseases*, **2020**, 6, 2225-2234	5.5	8
132	Discovery of novel "Dual-site" binding oseltamivir derivatives as potent influenza virus neuraminidase inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 191, 112147	6.8	5
131	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. *European Journal of Medicinal Chemistry*, **2020**, 190, 112085	6.8	37
130	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. *Journal of Medicinal Chemistry*, **2020**, 63, 1298-1312	8.3	20
129	Medicinal chemistry insights into novel CDC25 inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 201, 112374	6.8	11
128	Structure-Based Bioisosterism Yields HIV-1 NNRTIs with Improved Drug-Resistance Profiles and Favorable Pharmacokinetic Properties. *Journal of Medicinal Chemistry*, **2020**, 63, 4837-4848	8.3	20
127	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. *Signal Transduction and Targeted Therapy*, **2020**, 5, 299	21	123
126	Discovery of novel 1,2,3-triazole oseltamivir derivatives as potent influenza neuraminidase inhibitors targeting the 430-cavity. *European Journal of Medicinal Chemistry*, **2020**, 187, 111940	6.8	12
125	Targeting dual tolerant regions of binding pocket: Discovery of novel morpholine-substituted diarylpyrimidines as potent HIV-1 NNRTIs with significantly improved water solubility. *European Journal of Medicinal Chemistry*, **2020**, 206, 112811	6.8	3
124	Discovery and optimizing polycyclic pyridone compounds as anti-HBV agents. *Expert Opinion on Therapeutic Patents*, **2020**, 30, 715-721	6.8	1
123	Fsp: A new parameter for drug-likeness. *Drug Discovery Today*, **2020**, 25, 1839-1845	8.8	52
122	Design, synthesis and bioactivity evaluation of novel arylalkene-amide derivatives as dual-target antifungal inhibitors. *European Journal of Medicinal Chemistry*, **2020**, 205, 112645	6.8	7
121	Discovery and optimization of benzenesulfonamides-based hepatitis B virus capsid modulators via contemporary medicinal chemistry strategies. *European Journal of Medicinal Chemistry*, **2020**, 206, 112714	6.8	8
120	Novel Human Urate Transporter 1 Inhibitors as Hypouricemic Drug Candidates with Favorable Druggability. *Journal of Medicinal Chemistry*, **2020**, 63, 10829-10854	8.3	8

119	Design, synthesis, and evaluation of novel heteroaryldihydropyrimidine derivatives as non-nucleoside hepatitis B virus inhibitors by exploring the solvent-exposed region. *Chemical Biology and Drug Design*, **2020**, 95, 567-583	2.9	8
118	Exploring the hydrophobic channel of NNIBP leads to the discovery of novel piperidine-substituted thiophene[3,2-]pyrimidine derivatives as potent HIV-1 NNRTIs. *Acta Pharmaceutica Sinica B*, **2020**, 10, 878-894	15.5	26
117	Design, Synthesis, and Mechanism Study of Benzenesulfonamide-Containing Phenylalanine Derivatives as Novel HIV-1 Capsid Inhibitors with Improved Antiviral Activities. *Journal of Medicinal Chemistry*, **2020**, 63, 4790-4810	8.3	18
116	Identification of Chebulinic Acid and Chebulagic Acid as Novel Influenza Viral Neuraminidase Inhibitors. *Frontiers in Microbiology*, **2020**, 11, 182	5.7	17
115	Identification of highly potent and selective Cdc25 protein phosphatases inhibitors from miniaturization click-chemistry-based combinatorial libraries. *European Journal of Medicinal Chemistry*, **2019**, 183, 111696	6.8	11
114	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. *Journal of Medicinal Chemistry*, **2019**, 62, 2083-2090	8.3	47
113	Recent applications of click chemistry in drug discovery. *Expert Opinion on Drug Discovery*, **2019**, 14, 779-789	6.2	70
112	Design, synthesis and biological evaluation of "Multi-Site"-binding influenza virus neuraminidase inhibitors. *European Journal of Medicinal Chemistry*, **2019**, 178, 64-80	6.8	18
111	Contemporary medicinal-chemistry strategies for discovery of blood coagulation factor Xa inhibitors. *Expert Opinion on Drug Discovery*, **2019**, 14, 915-931	6.2	6
110	Molecular design opportunities presented by solvent-exposed regions of target proteins. *Medicinal Research Reviews*, **2019**, 39, 2194-2238	14.4	16
109	Overview of Recent Strategic Advances in Medicinal Chemistry. *Journal of Medicinal Chemistry*, **2019**, 62, 9375-9414	8.3	53
108	Resurrecting the Condemned: Identification of N-Benzoxaborole Benzofuran GSK8175 as a Clinical Candidate with Reduced Metabolic Liability. *Journal of Medicinal Chemistry*, **2019**, 62, 3251-3253	8.3	7
107	Designing influenza polymerase acidic endonuclease inhibitors via Pprivileged scaffoldR re-evolution/refining strategy. *Future Medicinal Chemistry*, **2019**,	4.1	8
106	Discovery of novel anti-influenza agents via contemporary medicinal chemistry strategies (2014-2018 update). *Future Medicinal Chemistry*, **2019**, 11, 375-378	4.1	5
105	Discovery of novel indolylarylsulfones as potent HIV-1 NNRTIs via structure-guided scaffold morphing. *European Journal of Medicinal Chemistry*, **2019**, 182, 111619	6.8	7
104	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. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 3836-3845	3.4	7
103	Discovery of piperidine-substituted thiazolo[5,4-d]pyrimidine derivatives as potent and orally bioavailable HIV-1 non-nucleoside reverse transcriptase inhibitors. *Communications Chemistry*, **2019**, 2,	6.3	15
102	Novel urate transporter 1 (URAT1) inhibitors: a review of recent patent literature (2016-2019). *Expert Opinion on Therapeutic Patents*, **2019**, 29, 871-879	6.8	20

101	Discovery of novel 1,4-disubstituted 1,2,3-triazole phenylalanine derivatives as HIV-1 capsid inhibitors. *RSC Advances*, **2019**, 9, 28961-28986	3.7	24
100	Design, synthesis, and biologic evaluation of novel galloyl derivatives as HIV-1 RNase H inhibitors. *Chemical Biology and Drug Design*, **2019**, 93, 582-589	2.9	8
99	Design, synthesis and biological evaluation of novel acetamide-substituted doravirine and its prodrugs as potent HIV-1 NNRTIs. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 447-456	3.4	12
98	Contemporary medicinal-chemistry strategies for the discovery of selective butyrylcholinesterase inhibitors. *Drug Discovery Today*, **2019**, 24, 629-635	8.8	24
97	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. *Journal of Medicinal Chemistry*, **2019**, 62, 1484-1501	8.3	41
96	Discovery of potent HIV-1 non-nucleoside reverse transcriptase inhibitors by exploring the structure-activity relationship of solvent-exposed regions I. *Chemical Biology and Drug Design*, **2019**, 93, 430-437	2.9	8
95	Efficient drug discovery by rational lead hybridization based on crystallographic overlay. *Drug Discovery Today*, **2019**, 24, 805-813	8.8	15
94	The Journey of HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitors (NNRTIs) from Lab to Clinic. *Journal of Medicinal Chemistry*, **2019**, 62, 4851-4883	8.3	74
93	First discovery of a potential carbonate prodrug of NNRTI drug candidate RDEA427 with submicromolar inhibitory activity against HIV-1 K103N/Y181C double mutant strain. *Bioorganic and Medicinal Chemistry Letters*, **2018**, 28, 1348-1351	2.9	8
92	Discovery of Novel Diarylpyrimidine Derivatives as Potent HIV-1 NNRTIs Targeting the "NNRTI Adjacent" Binding Site. *ACS Medicinal Chemistry Letters*, **2018**, 9, 334-338	4.3	25
91	Further Exploring Solvent-Exposed Tolerant Regions of Allosteric Binding Pocket for Novel HIV-1 NNRTIs Discovery. *ACS Medicinal Chemistry Letters*, **2018**, 9, 370-375	4.3	21
90	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. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 2051-2060	3.4	7
89	Discovery of C-1 modified oseltamivir derivatives as potent influenza neuraminidase inhibitors. *European Journal of Medicinal Chemistry*, **2018**, 146, 220-231	6.8	21
88	Recent progress in the structural modification and pharmacological activities of ligustrazine derivatives. *European Journal of Medicinal Chemistry*, **2018**, 147, 150-162	6.8	35
87	Current insights into anti-HIV drug discovery and development: a review of recent patent literature (2014-2017). *Expert Opinion on Therapeutic Patents*, **2018**, 28, 299-316	6.8	27
86	Influenza A virus polymerase: an attractive target for next-generation anti-influenza therapeutics. *Drug Discovery Today*, **2018**, 23, 503-518	8.8	24
85	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. *European Journal of Medicinal Chemistry*, **2018**, 151, 339-350	6.8	44
84	Design, synthesis, and antiviral evaluation of novel hydrazone-substituted thiophene[3,2-d]pyrimidine derivatives as potent human immunodeficiency virus-1 inhibitors. *Chemical Biology and Drug Design*, **2018**, 92, 2009-2021	2.9	8

83	Structure-based virtual screening and ADME/T-based prediction analysis for the discovery of novel antifungal CYP51 inhibitors. *MedChemComm*, **2018**, 9, 1178-1187	5	14
82	5-Hydroxypyrido[2,3-b]pyrazin-6(5H)-one derivatives as novel dual inhibitors of HIV-1 reverse transcriptase-associated ribonuclease H and integrase. *European Journal of Medicinal Chemistry*, **2018**, 155, 714-724	6.8	21
81	Identification of Potent Ebola Virus Entry Inhibitors with Suitable Properties for in Vivo Studies. *Journal of Medicinal Chemistry*, **2018**, 61, 6293-6307	8.3	14
80	Update on Recent Developments in Small Molecular HIV-1 RNase H Inhibitors (2013-2016): Opportunities and Challenges. *Current Medicinal Chemistry*, **2018**, 25, 1682-1702	4.3	30
79	Design, synthesis and biological evaluation of tacrine-1,2,3-triazole derivatives as potent cholinesterase inhibitors. *MedChemComm*, **2018**, 9, 149-159	5	39
78	Development of a practical synthesis of etravirine via a microwave-promoted amination. *Chemistry Central Journal*, **2018**, 12, 144		1
77	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. *Journal of Medicinal Chemistry*, **2018**, 61, 9976-9999	8.3	24
76	Structural basis for potent and broad inhibition of HIV-1 RT by thiophene[3,2-]pyrimidine non-nucleoside inhibitors. *ELife*, **2018**, 7,	8.9	41
75	Discovery of phenylalanine derivatives as potent HIV-1 capsid inhibitors from click chemistry-based compound library. *European Journal of Medicinal Chemistry*, **2018**, 158, 478-492	6.8	36
74	Optimization of N-Substituted Oseltamivir Derivatives as Potent Inhibitors of Group-1 and -2 Influenza A Neuraminidases, Including a Drug-Resistant Variant. *Journal of Medicinal Chemistry*, **2018**, 61, 6379-6397	8.3	32
73	Inhibitors of Influenza Virus Polymerase Acidic (PA) Endonuclease: Contemporary Developments and Perspectives. *Journal of Medicinal Chemistry*, **2017**, 60, 3533-3551	8.3	40
72	The pentatricopeptide repeat protein EMP9 is required for mitochondrial ccmB and rps4 transcript editing, mitochondrial complex biogenesis and seed development in maize. *New Phytologist*, **2017**, 214, 782-795	9.8	45
71	Discovery of uracil-bearing DAPYs derivatives as novel HIV-1 NNRTIs via crystallographic overlay-based molecular hybridization. *European Journal of Medicinal Chemistry*, **2017**, 130, 209-222	6.8	17
70	Novel fused pyrimidine and isoquinoline derivatives as potent HIV-1 NNRTIs: a patent evaluation of WO2016105532A1, WO2016105534A1 and WO2016105564A1. *Expert Opinion on Therapeutic Patents*, **2017**, 27, 383-391	6.8	16
69	Recent progress on the treatment of Ebola virus disease with Favipiravir and other related strategies. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 2364-2368	2.9	13
68	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. *Journal of Medicinal Chemistry*, **2017**, 60, 4424-4443	8.3	65
67	Design, synthesis and primary biological evaluation of the novel 2-pyridone derivatives as potent non-nucleoside HBV inhibitors. *European Journal of Medicinal Chemistry*, **2017**, 136, 144-153	6.8	28
66	Discovery of novel DAPY-IAS hybrid derivatives as potential HIV-1 inhibitors using molecular hybridization based on crystallographic overlays. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 4397-4406	3.4	16

65	Tetramethylpyrazine Analogue CXC195 Protects Against Dopaminergic Neuronal Apoptosis via Activation of PI3K/Akt/GSK3β Signaling Pathway in 6-OHDA-Induced Parkinson's Disease Mice. *Neurochemical Research*, **2017**, 42, 1141-1150	4.6	19
64	Discovery of Thiophene[3,2-]pyrimidine Derivatives as Potent HIV-1 NNRTIs Targeting the Tolerant Region I of NNIBP. *ACS Medicinal Chemistry Letters*, **2017**, 8, 1188-1193	4.3	21
63	1-Hydroxypyrido[2,3-d]pyrimidin-2(1H)-ones as novel selective HIV integrase inhibitors obtained via privileged substructure-based compound libraries. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 5779-5789	3.4	12
62	Design, synthesis and anti-HIV evaluation of novel diarylpyridine derivatives as potent HIV-1 NNRTIs. *European Journal of Medicinal Chemistry*, **2017**, 140, 383-391	6.8	11
61	Identification of spirocyclic or phosphate substituted quinolizine derivatives as novel HIV-1 integrase inhibitors: a patent evaluation of WO2016094197A1, WO2016094198A1 and WO2016154527A1. *Expert Opinion on Therapeutic Patents*, **2017**, 27, 1277-1286	6.8	5
60	Novel diaryltriazines with a picolinonitrile moiety as potent HIV-1 RT inhibitors: a patent evaluation of WO2016059647(A2). *Expert Opinion on Therapeutic Patents*, **2017**, 27, 9-15	6.8	5
59	Discovery of novel piperidine-substituted indolylarylsulfones as potent HIV NNRTIs via structure-guided scaffold morphing and fragment rearrangement. *European Journal of Medicinal Chemistry*, **2017**, 126, 190-201	6.8	15
58	The development of an effective synthetic route of lesinurad (RDEA594). *Chemistry Central Journal*, **2017**, 11, 86		8
57	Discovery of bioactive molecules from CuAAC click-chemistry-based combinatorial libraries. *Drug Discovery Today*, **2016**, 21, 118-132	8.8	101
56	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. *Journal of Medicinal Chemistry*, **2016**, 59, 7991-8007	8.3	84
55	Design, synthesis and evaluation of pyrazole derivatives as non-nucleoside hepatitis B virus inhibitors. *European Journal of Medicinal Chemistry*, **2016**, 123, 202-210	6.8	24
54	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. *Chemical Biology and Drug Design*, **2016**, 88, 241-53	2.9	7
53	Discovery of novel anti-HIV agents via Cu(I)-catalyzed azide-alkyne cycloaddition (CuAAC) click chemistry-based approach. *Expert Opinion on Drug Discovery*, **2016**, 11, 857-71	6.2	26
52	Pyrazolo[1,5-a]pyrimidine-based macrocycles as novel HIV-1 inhibitors: a patent evaluation of WO2015123182. *Expert Opinion on Therapeutic Patents*, **2016**, 26, 979-86	6.8	6
51	Design, synthesis and evaluation of novel HIV-1 NNRTIs with dual structural conformations targeting the entrance channel of the NNRTI binding pocket. *European Journal of Medicinal Chemistry*, **2016**, 115, 53-62	6.8	16
50	Novel diarylpyrimidines and diaryltriazines as potent HIV-1 NNRTIs with dramatically improved solubility: a patent evaluation of US20140378443A1. *Expert Opinion on Therapeutic Patents*, **2016**, 26, 281-9	6.8	19
49	Design, synthesis and anti-HIV evaluation of novel diarylpyridine derivatives targeting the entrance channel of NNRTI binding pocket. *European Journal of Medicinal Chemistry*, **2016**, 109, 294-304	6.8	26
48	Discovery of non-peptide small molecular CXCR4 antagonists as anti-HIV agents: Recent advances and future opportunities. *European Journal of Medicinal Chemistry*, **2016**, 114, 65-78	6.8	26

47	Substituted indoles as HIV-1 non-nucleoside reverse transcriptase inhibitors: a patent evaluation (WO2015044928). *Expert Opinion on Therapeutic Patents*, **2016**, 26, 629-35	6.8	2
46	Anti-HIV Drug Discovery and Development: Current Innovations and Future Trends. *Journal of Medicinal Chemistry*, **2016**, 59, 2849-78	8.3	199
45	Design, Synthesis, and Biological Evaluation of Novel 2-(Pyridin-3-yloxy)acetamide Derivatives as Potential Anti-HIV-1 Agents. *Chemical Biology and Drug Design*, **2016**, 87, 283-9	2.9	6
44	Design, synthesis, and biological evaluation of novel 5-Alkyl-6-Adamantylmethylpyrimidin-4(3H)-ones as HIV-1 non-nucleoside reverse-transcriptase inhibitors. *Chemical Biology and Drug Design*, **2016**, 88, 380-5	2.9	2
43	Structural optimization of pyridine-type DAPY derivatives to exploit the tolerant regions of the NNRTI binding pocket. *European Journal of Medicinal Chemistry*, **2016**, 121, 352-363	6.8	20
42	First discovery of novel 3-hydroxy-quinazoline-2,4(1H,3H)-diones as specific anti-vaccinia and adenovirus agents via Rprivileged scaffoldRefining approach. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 5182-5186	2.9	25
41	Arylazolyl(azinyl)thioacetanilides. Part 20: Discovery of novel purinylthioacetanilides derivatives as potent HIV-1 NNRTIs via a structure-based bioisosterism approach. *Bioorganic and Medicinal Chemistry*, **2016**, 24, 4424-4433	3.4	7
40	Discovery of potent HIV-1 non-nucleoside reverse transcriptase inhibitors from arylthioacetanilide structural motif. *European Journal of Medicinal Chemistry*, **2015**, 102, 167-79	6.8	21
39	Strategies for the Discovery of Target-Specific or Isoform-Selective Modulators. *Journal of Medicinal Chemistry*, **2015**, 58, 7611-33	8.3	34
38	Discovery of HCV NS5B thumb site I inhibitors: core-refining from benzimidazole to indole scaffold. *European Journal of Medicinal Chemistry*, **2015**, 94, 218-28	6.8	19
37	Novel fluorine-containing DAPY derivatives as potent HIV-1 NNRTIs: a patent evaluation of WO2014072419. *Expert Opinion on Therapeutic Patents*, **2015**, 25, 1477-86	6.8	5
36	Non-nucleoside anti-HBV agents: advances in structural optimization and mechanism of action investigations. *MedChemComm*, **2015**, 6, 521-535	5	13
35	Design, Synthesis, and Biological Evaluation of Novel Benzoyl Diarylamine/ether Derivatives as Potential Anti-HIV-1 Agents. *Chemical Biology and Drug Design*, **2015**, 86, 333-43	2.9	
34	Design, Synthesis, and Anti-HIV Evaluation of Novel Triazine Derivatives Targeting the Entrance Channel of the NNRTI Binding Pocket. *Chemical Biology and Drug Design*, **2015**, 86, 122-8	2.9	13
33	8-Hydroxyquinoline: a privileged structure with a broad-ranging pharmacological potential. *MedChemComm*, **2015**, 6, 61-74	5	132
32	3D-QSAR and docking studies on piperidine-substituted diarylpyrimidine analogues as HIV-1 reverse transcriptase inhibitors. *Medicinal Chemistry Research*, **2015**, 24, 3314-3326	2.2	7
31	Medicinal chemistry insights in the discovery of novel LSD1 inhibitors. *Epigenomics*, **2015**, 7, 1379-96	4.4	32
30	Fused heterocycles bearing bridgehead nitrogen as potent HIV-1 NNRTIs. Part 4: design, synthesis and biological evaluation of novel imidazo[1,2-a]pyrazines. *European Journal of Medicinal Chemistry*, **2015**, 93, 330-7	6.8	37

29	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. *European Journal of Medicinal Chemistry*, **2015**, 92, 754-65	6.8	69
28	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. *Chemical Biology and Drug Design*, **2015**, 86, 614-8	2.9	13
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