Hu-Ri Piao

List of Publications by Year
in descending order

96 papers	2,150 citations	236833 25 h-index	289141 40 g-index
105 all docs	105 docs citations	105 times ranked	2092 citing authors

#	Article	IF	Citations
1	Synthesis and Evaluation of Chiral Rhodanine Derivatives Bearing Quinoxalinyl Imidazole Moiety as ALK5 Inhibitors. Medicinal Chemistry, 2022, 18, 509-520.	0.7	9
2	5-Aryl-furan derivatives bearing a phenylalanine- or isoleucine-derived rhodanine moiety as potential PTP1B inhibitors. Bioorganic Chemistry, 2021, 106, 104483.	2.0	10
3	Design, synthesis and evaluation of carbazole derivatives as potential antimicrobial agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 296-307.	2.5	22
4	Synthesis and evaluation of the epithelial-to- mesenchymal inhibitory activity of indazole-derived imidazoles as dual ALK5/p38Î± MAP inhibitors. European Journal of Medicinal Chemistry, 2021, 216, 113311.	2.6	9
5	Synthesis and Antimicrobial Activity Evaluation of Imidazoleâ€Fused Imidazo[2,1â€b][1,3,4]thiadiazole Analogues. ChemMedChem, 2021, 16, 2354-2365.	1.6	15
6	The novel ginsenoside AD2 prevents angiotensin II-induced connexin 40 and connexin 43 dysregulation by activating AMP kinase signaling in perfused beating rat atria. Chemico-Biological Interactions, 2021, 339, 109430.	1.7	3
7	Design of the naphthyl-diarylpyrimidines as potent non-nucleoside reverse transcriptase inhibitors (NNRTIs) via structure-based extension into the entrance channel. European Journal of Medicinal Chemistry, 2021, 226, 113868.	2.6	10
8	Synthesis, Antibacterial and Antifungal Evaluation of Rhodanine Derivatives Bearing Quinoxalinyl Imidazole Moiety as ALK5 Inhibitors. Chinese Journal of Organic Chemistry, 2021, 41, 4428.	0.6	4
9	Synthesis and evaluation of the HIF-1Î± inhibitory activity of 3(5)-substituted-4-(quinolin-4-yl)- and 4-(2-phenylpyridin-4-yl)pyrazoles as inhibitors of ALK5. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126822.	1.0	9
10	Synthesis and evaluation of HIF-1Î± inhibitory activities of novel panaxadiol derivatives. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127652.	1.0	1
11	Arctigenin protects against depression by inhibiting microglial activation and neuroinflammation via HMGB1/TLR4/NFâ€ÎºB and TNFâ€Î±/TNFR1/NFâ€ÎºB pathways. British Journal of Pharmacology, 2020, 177, 5224-5245.	2.7	116
12	Synthesis and biological evaluation of novel benzo[c][1,2,5]thiadiazol-5-yl and thieno[3,2-c]-pyridin-2-yl imidazole derivatives as ALK5 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 2070-2075.	1.0	15
13	Design, synthesis, and antifibrosis evaluation of 4-(benzo-[c][1,2,5]thiadiazol-5-yl)-3(5)-(6-methyl-) Tj ETQq1 1 0.784314 rgBT /Overlo European Journal of Medicinal Chemistry, 2019, 180, 15-27.	2.6	17
14	Acylation of 25-hydroxyprotopanaxatriol with aromatic acids increases cytotoxicity. FÃ¬toterapÃ¬Ã¢, 2019, 137, 104279.	1.1	6
15	Synthesis and evaluation of the HIF-1Î± inhibitory activities of novel ursolic acid tetrazole derivatives. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1440-1445.	1.0	23
16	Synthesis and biological evaluation of ursolic acid derivatives containing an aminoguanidine moiety. Medicinal Chemistry Research, 2019, 28, 959-973.	1.1	18
17	Discovery of 1,3-diphenyl-1H-pyrazole derivatives containing rhodanine-3-alkanoic acid groups as potential PTP1B inhibitors. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1187-1193.	1.0	26
18	Design and Synthesis of Novel Anti-Proliferative Emodin Derivatives and Studies on their Cell Cycle Arrest, Apoptosis Pathway and Migration. Molecules, 2019, 24, 884.	1.7	14

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19	Synthesis and biological evaluation of tryptophan-derived rhodanine derivatives as PTP1B inhibitors and anti-bacterial agents. European Journal of Medicinal Chemistry, 2019, 172, 163-173.	2.6	23
20	Synthesis of novel dihydrotriazine derivatives bearing 1,3-diaryl pyrazole moieties as potential antibacterial agents. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1079-1084.	1.0	21
21	Design, synthesis, and screening of novel ursolic acid derivatives as potential anti-cancer agents that target the HIF-1Î± pathway. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 853-858.	1.0	16
22	Design, synthesis, evaluation, and molecular docking of ursolic acid derivatives containing a nitrogen heterocycle as anti-inflammatory agents. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1797-1803.	1.0	36
23	Synthesis and evaluation of the antibacterial activities of aryl substituted dihydrotriazine derivatives. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1657-1662.	1.0	20
24	Synthesis and characterisation of celastrol derivatives as potential anticancer agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 190-198.	2.5	24
25	Synthesis and Evaluation of 3-Substituted-4-(quinoxalin-6-yl) Pyrazoles as TGF-Î² Type I Receptor Kinase Inhibitors. Molecules, 2018, 23, 3369.	1.7	15
26	A Comprehensive Review on the Biological and Pharmacological Activities of Rhodanine Based Compounds for Research and Development of Drugs. Mini-Reviews in Medicinal Chemistry, 2018, 18, 948-961.	1.1	12
27	Synthesis and biological evaluation of dihydrotriazine derivatives as potential antibacterial agents. Chinese Chemical Letters, 2017, 28, 1737-1742.	4.8	25
28	Design, synthesis, and evaluation of novel ursolic acid derivatives as HIF-1Î± inhibitors with anticancer potential. Bioorganic Chemistry, 2017, 75, 157-169.	2.0	28
29	Synthesis and anti-tumor evaluation of panaxadiol halogen-derivatives. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 4204-4211.	1.0	13
30	Design, synthesis, and negative inotropic evaluation of 4â€phenylâ€1Hâ€1,2,4â€triazolâ€5(4H)â€one derivatives containing triazole or piperazine moieties. Chemical Biology and Drug Design, 2017, 89, 47-60.	1.5	8
31	Synthesis and Positive Inotropic Activity of [1,2,4]Triazolo[4,3-a] Quinoxaline Derivatives Bearing Substituted Benzylpiperazine and Benzoylpiperazine Moieties. Molecules, 2017, 22, 273.	1.7	3
32	Synthesis and biological evaluation of chalcone derivatives containing aminoguanidine or acylhydrazone moieties. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5920-5925.	1.0	47
33	Synthesis and Antimicrobial Evaluation of Aminoguanidine and 3-amino- 1,2,4-triazole Derivatives as Potential Antibacterial Agents. Letters in Drug Design and Discovery, 2016, 13, 1063-1075.	0.4	18
34	Synthesis and Antimicrobial Evaluation of (Z)-5-((3-phenyl-1H-pyrazol-4-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (yl)methylene)-2-t	0.7	12
35	Hybrid chemistry. Part 4: Discovery of etravirineâ€"VRX-480773 hybrids as potent HIV-1 non-nucleoside reverse transcriptase inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 4248-4255.	1.4	25
36	Synthesis and antimicrobial evaluation of 5-aryl-1,2,4-triazole-3-thione derivatives containing a rhodanine moiety. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3052-3056.	1.0	49

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37	Synthesis and biological evaluation of 1,3-diaryl pyrazole derivatives as potential antibacterial and anti-inflammatory agents. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 5052-5057.	1.0	59
38	Efficient synthesis of panaxadiol derivatives using continuous-flow microreactor and evaluation of anti-tumor activity. Chinese Chemical Letters, 2015, 26, 334-338.	4.8	19
39	Synthesis and Antibacterial Evaluation of (S,Z)-4-methyl-2-(4-oxo-5-((5-substituted phenylfuran-2-yl)) Tj ETQq1 1 0.784314 rgBT /Over 14, 89-96.	0.3	4
40	The Synthesis and Anti-Bacterial Activities of N-carboxymethyl Rhodanines. , 2014, 4, .		4
41	Novel arylhydrazone derivatives bearing a rhodanine moiety: synthesis and evaluation of their antibacterial activities. Archives of Pharmacal Research, 2014, 37, 852-861.	2.7	10
42	Synthesis and antibacterial evaluation of furan derivatives bearing a rhodanine moiety. Medicinal Chemistry Research, 2014, 23, 426-435.	1.1	8
43	Synthesis and evaluation of the antimicrobial activities ofÂ3-((5-phenyl-1,3,4-oxadiazol-2-yl)methyl)-2-thioxothiazolidin-4-one derivatives. European Journal of Medicinal Chemistry, 2014, 74, 405-410.	2.6	24
44	Synthesis and biological evaluation of CHX-DAPYs as HIV-1 non-nucleoside reverse transcriptase inhibitors. Bioorganic and Medicinal Chemistry, 2014, 22, 3220-3226.	1.4	16
45	Synthesis and positive inotropic evaluation of [1,2,4]triazolo[3,4-a]phthalazine and tetrazolo[5,1-a]phthalazine derivatives bearing substituted piperazine moieties. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1737-1741.	1.0	9
46	Synthesis and biological evaluation of (E)-1-(substituted)-3-phenylprop-2-en-1-ones bearing rhodanines as potent anti-microbial agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2014, 29, 647-653.	2.5	10
47	Synthesis and potential antibacterial activity of new rhodanine-3-acetic acid derivatives. Medicinal Chemistry Research, 2013, 22, 4125-4132.	1.1	22
48	Synthesis of new triazole acetamides with inotropic effects. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 757-760.	1.0	2
49	25-Methoxylprotopanaxadiol derivatives and their anti-proliferative activities. Steroids, 2013, 78, 1305-1311.	0.8	18
50	Synthesis and antibacterial evaluation of rhodanine-based 5-aryloxy pyrazoles against selected methicillin resistant and quinolone-resistant Staphylococcus aureus (MRSA and QRSA). European Journal of Medicinal Chemistry, 2013, 60, 376-385.	2.6	49
51	Synthesis and anti-tumor evaluation of novel 25-hydroxyprotopanaxadiol analogs incorporating natural amino acids. Steroids, 2013, 78, 203-209.	0.8	20
52	Synthesis and Biological Evaluation of [1,2,4]Triazolo[3,4â€a]phthalazine and Tetrazolo[5,1â€a]phthalazine Derivatives Bearing Substituted Benzylpiperazine Moieties as Positive Inotropic Agents. Chemical Biology and Drug Design, 2013, 81, 591-599.	1.5	11
53	Synthesis and characterization of 5,7-dihydroxyflavanone derivatives as novel protein tyrosine phosphatase 1B inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 1199-1204.	2.5	11
54	Synthesis and biological evaluation of rhodanine derivatives bearing a quinoline moiety as potent antimicrobial agents. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4358-4361.	1.0	43

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55	Synthesis and Biological Evaluation of Furan-chalcone Derivatives as Protein Tyrosine Phosphatase Inhibitors. Bulletin of the Korean Chemical Society, 2013, 34, 1023-1024.	1.0	3
56	Synthesis and PTP1B Inhibitory Activity of (E)-1-Substitutedphenyl-3-(4-((E)-(2-(4-phenylthiazol-2-yl)hydrazono)methyl)phenyl)-prop-2-en-1-ones. Chinese Journal of Organic Chemistry, 2013, 33, 1496.	0.6	2
57	Synthesis of 2-(4-substitutedbenzylpiperazin-1-yl)-N-(2-oxo-2,3-dihydrobenzooxazol- 6-yl)acetamides as Inotropic Agents. Medicinal Chemistry, 2012, 8, 1093-1098.	0.7	0
58	Synthesis and Positive Inotropic Evaluation of (E)â€2â€(4â€Cinnamylpiperazinâ€1â€yl)â€Nâ€(1â€substitutedâ€4,5â€dihydroâ€[1,2,4]triazolo[4,3â€a]quinolinâ€7â€yl) Archiv Der Pharmazie, 2012, 345, 980-988.	2.6	9
59	Synthesis and positive inotropic evaluation of N-(1-oxo-1,2,4,5-tetrahydro-[1,2,4]triazolo[4,3-a]quinolin-7-yl)acetamides bearing piperazine and 1,4-diazepane moieties. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 4229-4232.	1.0	6
60	Synthesis and bioactivity evaluation of rhodanine derivatives as potential anti-bacterial agents. European Journal of Medicinal Chemistry, 2012, 54, 403-412.	2.6	38
61	Semi-synthesis and anti-tumor evaluation of novel 25-hydroxyprotopanaxadiol derivatives. European Journal of Medicinal Chemistry, 2012, 55, 137-145.	2.6	27
62	Synthesis and antimicrobial evaluation of l-phenylalanine-derived C5-substituted rhodanine and chalcone derivatives containing thiobarbituric acid or 2-thioxo-4-thiazolidinone. European Journal of Medicinal Chemistry, 2012, 56, 203-209.	2.6	61
63	Synthesis and antibacterial activity of novel 1,3-diphenyl-1H-pyrazoles functionalized with phenylalanine-derived rhodanines. European Journal of Medicinal Chemistry, 2012, 58, 112-116.	2.6	19
64	Synthesis and biological evaluation of 5-aryloxypyrazole derivatives bearing a rhodanine-3-aromatic acid as potential antimicrobial agents. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 7024-7028.	1.0	29
65	Synthesis of novel 1,3-diaryl pyrazole derivatives bearing rhodanine-3-fatty acid moieties as potential antibacterial agents. European Journal of Medicinal Chemistry, 2012, 48, 174-178.	2.6	72
66	Synthesis and Antitumor Activity of Dehydroepiandrosterone Derivatives on Esâ€2, A549, and HepG2 Cells in vitro. Chemical Biology and Drug Design, 2012, 79, 523-529.	1.5	13
67	Synthesis and Biological Evaluation of 2,4,6â€Trihydroxychalcone Derivatives as Novel Protein Tyrosine Phosphatase 1B Inhibitors. Chemical Biology and Drug Design, 2012, 80, 584-590.	1.5	23
68	Synthesis and Biological Evaluation of Heterocyclic Ring-substituted Chalcone Derivatives as Novel Inhibitors of Protein Tyrosine Phosphatase 1B. Bulletin of the Korean Chemical Society, 2012, 33, 1505-1508.	1.0	4
69	Synthesis and Anti-bacterial Activity of Novel Chalcone Derivatives Containing 2,4-Thiazolidinedione-3-acetic Acid Moiety. Chinese Journal of Organic Chemistry, 2012, 32, 183.	0.6	4
70	Synthesis and Positive Inotropic Evaluation of 2-(4-Substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (benzyl-1,4-diazepan-1-yl)- 2012, 32, 1719.	0.6	0
71	Synthesis and Protein Tyrosine Phosphatase 1B Inhibitory Activity of Novel Chalcone Derivatives Containing 3,4-Dihydroquinolin-2(1H)-one Moiety. Chinese Journal of Organic Chemistry, 2012, 32, 2108.	0.6	0
72	Synthesis of 2-(4-substitutedbenzylpiperazin-1-yl)-N-(2-oxo-2,3-dihydrobenzooxazol- 6-yl)acetamides as Inotropic Agents. Medicinal Chemistry, 2012, 8, 1093-1098.	0.7	1

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73	Synthesis of 2-(4-Substitutedbenzyl-[1,4]Diazepan-1-yl)-N-(1-Methyl-4,5-Dihydro-[1,2,4]Triazolo[4,3-A]Quinolin-7-Yl)Acetamides as Inotropic Agents. Chemical Biology and Drug Design, 2011, 77, 98-103.	1.5	6
74	Synthesis and biological evaluation of (Â±)-3-(2-(2-fluorobenzyloxy) naphthalen-6-yl)-2-aminopropanoic acid derivatives as novel PTP1B inhibitors. European Journal of Medicinal Chemistry, 2011, 46, 3630-3638.	2.6	10
75	Synthesis and Antiâ€Bacterial Activity of Some Heterocyclic Chalcone Derivatives Bearing Thiofuran, Furan, and Quinoline Moieties. Archiv Der Pharmazie, 2011, 344, 689-695.	2.1	52
76	Novel dammarane-type sapogenins from Panax ginseng berry and their biological activities. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1027-1031.	1.0	49
77	Synthesis and anti-tumor evaluation of panaxadiol derivatives. European Journal of Medicinal Chemistry, 2011, 46, 1997-2002.	2.6	29
78	Synthesis of new chalcone derivatives bearing 2,4-thiazolidinedione and benzoic acid moieties as potential anti-bacterial agents. European Journal of Medicinal Chemistry, 2011, 46, 3469-3473.	2.6	96
79	Synthesis and inâ€vitro inotropic evaluation of 2â€(4â€substitutedbenzylâ€1,4â€diazepanâ€1â€yl)â€Nâ€(4,5â€dihydroâ€1â€phenylâ€[1,2,4]triazolo[4,3â€a]quinolin Archiv Der Pharmazie, 2010, 343, 700-705.	2.1	
80	Synthesis of 2-(4-substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (benzyl-1,4-diazepan-1-yl)-N-(3,4-dihydro-3-oxo-2H-benzo[b] inotropic evaluation. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4464-4467.	1.0	3
81	Synthesis of new chalcone derivatives containing a rhodanine-3-acetic acid moiety with potential anti-bacterial activity. European Journal of Medicinal Chemistry, 2010, 45, 5739-5743.	2.6	97
82	Design, synthesis and anticonvulsant activity evaluation of 7-substituted-4H-[1,2,4]triazino[3,4-a]phthalazin-4-one derivatives. Journal of the Brazilian Chemical Society, 2009, 20, 826-831.	0.6	9
83	Synthesis and Anticonvulsant Activity of Nâ€(2â€Hydroxyâ€ethyl)amide Derivatives. Archiv Der Pharmazie, 2009, 342, 34-40.	2.1	17
84	Design, synthesis of 8-alkoxy-5,6-dihydro-[1,2,4]triazino[4,3-a]quinolin-1-ones with anticonvulsant activity. European Journal of Medicinal Chemistry, 2009, 44, 1265-1270.	2.6	31
85	Synthesis and anticonvulsant activity of N-(2-hydroxyethyl) cinnamamide derivatives. European Journal of Medicinal Chemistry, 2009, 44, 3654-3657.	2.6	35
86	Synthesis of 2-(4-substitutedmethylpiperazin-1-yl)-N-(3,4-dihydro-3-oxo-2H-benzo[b][1,4]oxazin-7-yl)acetamides and their positive inotropic evaluation. European Journal of Medicinal Chemistry, 2009, 44, 3027-3031.	2.6	5
87	Synthesis and inotropic evaluation of 1-substituted-N-(4,5-dihydro-1-methyl-[1,2,4]triazolo[4,3-a]quinolin-7-yl)piperidine-4-carboxamides. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 2392-2395.	1.0	7
88	Characterization of the anticonvulsant activity of doxepin in various experimental seizure models in mice. Pharmacological Reports, 2009, 61, 245-251.	1.5	13
89	Synthesis and Antiâ€inflammatory Activity Evaluation of Novel 7â€Alkoxyâ€1â€aminoâ€4,5â€dihydro[1,2,4]triazole[4,3â€a]quinolines. Archiv Der Pharmazie, 2008, 341, 288-293.	2.1	22
90	Archiv Der Pharmazie, 2008, 341, 794-799.	2.1	6

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91	Synthesis of novel 7-benzylamino-2H-1,4-benzoxazin-3(4H)-ones as anticonvulsant agents. European Journal of Medicinal Chemistry, 2008, 43, 1216-1221.	2.6	23
92	Synthesis and positive inotropic activity of N-(4,5-dihydro-[1,2,4]triazolo[4,3-a]quinolin-7-yl)-2-(piperazin-1-yl)acetamide derivatives. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 4606-4609.	1.0	17
93	Anticonvulsant and toxicity evaluation of some 7-alkoxy-4,5-dihydro-[1,2,4]triazolo[4,3-a]quinoline-1(2H)-ones. Bioorganic and Medicinal Chemistry, 2006, 14, 6868-6873.	1.4	46
94	Synthesis and Anticonvulsant Activity of 1-Substituted-7-Benzyloxy-4,5-dihydro-[1,2,4]triazolo[4,3-a]quinoline. Biological and Pharmaceutical Bulletin, 2005, 28, 1216-1220.	0.6	30
95	Synthesis and anticonvulsant activity of 7-alkoxyl-4,5-dihydro-[1,2,4]triazolo[4,3-a]quinolines. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4803-4805.	1.0	73
96	Synthesis and evaluation of antiplatelet activity of trihydroxychalcone derivatives. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 5027-5029.	1.0	97