Zhu-Ping Xiao

List of Publications by Year
in descending order

54	1,272	361413 20	361022 35
papers	citations	h-index	g-index

56	56	56	1297
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification, potency evaluation, and mechanism clarification of Î±-glucosidase inhibitors from tender leaves of Lithocarpus polystachyus Rehd. Food Chemistry, 2022, 371, 131128.	8.2	17
2	Synthesis and Biological Evaluation of Dithiobisacetamides as Novel Urease Inhibitors. ChemMedChem, 2022, 17, .	3.2	7
3	Recent Efforts in the Discovery of Urease Inhibitor Identifications. Current Topics in Medicinal Chemistry, 2022, 22, 95-107.	2.1	18
4	Synthesis and Structure-Activity Relationship Studies of N-monosubstituted Aroylthioureas as Urease Inhibitors. Medicinal Chemistry, 2021, 17, 1046-1059.	1.5	10
5	N-monoarylacetothioureas as potent urease inhibitors: synthesis, SAR, and biological evaluation. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 404-413.	5.2	37
6	N-monosubstituted thiosemicarbazide as novel UreÂinhibitors: synthesis, biological evaluation and molecular docking. Future Medicinal Chemistry, 2020, 12, 1633-1645.	2.3	15
7	Arylamino containing hydroxamic acids as potent urease inhibitors for the treatment of Helicobacter pylori infection. European Journal of Medicinal Chemistry, 2018, 156, 126-136.	5.5	37
8	The synthesis and evaluation of phenoxyacylhydroxamic acids as potential agents for Helicobacter pylori infections. Bioorganic and Medicinal Chemistry, 2018, 26, 4145-4152.	3.0	17
9	Resolution and evaluation of 3-chlorophenyl-3-hydroxypropionylhydroxamic acid as antivirulence agent with excellent eradication efficacy in Helicobacter pylori infected mice. European Journal of Pharmaceutical Sciences, 2018, 121, 293-300.	4.0	10
10	C-7 modified flavonoids as novel tyrosyl-tRNA synthetase inhibitors. RSC Advances, 2017, 7, 6193-6201.	3.6	3
11	Synthesis and evaluation of adenosine containing 3-arylfuran-2(5 H)-ones as tyrosyl-tRNA synthetase inhibitors. European Journal of Medicinal Chemistry, 2017, 133, 62-68.	5.5	7
12	3-Arylpropionylhydroxamic acid derivatives as Helicobacter pylori urease inhibitors: Synthesis, molecular docking and biological evaluation. Bioorganic and Medicinal Chemistry, 2016, 24, 4519-4527.	3.0	45
13	Synthesis, molecular docking and biological evaluation of 3-arylfuran-2(5H)-ones as anti-gastric ulcer agent. Bioorganic and Medicinal Chemistry, 2015, 23, 4860-4865.	3.0	25
14	Synthesis and evaluation of N-analogs of 1,2-diarylethane as Helicobacter pylori urease inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 4508-4513.	3.0	17
15	Synthesis and evaluation of new tyrosyl-tRNA synthetase inhibitors as antibacterial agents based on a N2-(arylacetyl)glycinanilide scaffold. European Journal of Medicinal Chemistry, 2015, 102, 631-638.	5.5	10
16	Adenosine analogs as inhibitors of tyrosyl-tRNA synthetase: Design, synthesis and antibacterial evaluation. Bioorganic and Medicinal Chemistry, 2015, 23, 6602-6611.	3.0	9
17	Synthesis of Perfluorinated Isoquinolinediones through Visible-Light-Induced Cyclization of Alkenes. Journal of Organic Chemistry, 2015, 80, 12599-12605.	3.2	94
18	Modification of MTT Assay for Precision and Repeatability and Its Mechanistic Implication. Asian Journal of Chemistry, 2014, 26, 8015-8018.	0.3	4

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19	Design, synthesis, and evaluation of novel fluoroquinoloneâ€“flavonoid hybrids as potent antibiotics against drug-resistant microorganisms. European Journal of Medicinal Chemistry, 2014, 80, 92-100.	5.5	77
20	Novel 3-arylfuran-2(5H)-one-fluoroquinolone hybrid: Design, synthesis and evaluation as antibacterial agent. Bioorganic and Medicinal Chemistry, 2014, 22, 3620-3628.	3.0	47
21	3-Aryl-4-acyloxyethoxyfuran-2(5H)-ones as inhibitors of tyrosyl-tRNA synthetase: Synthesis, molecular docking and antibacterial evaluation. Bioorganic and Medicinal Chemistry, 2013, 21, 4914-4922.	3.0	18
22	Synthesis, molecular docking and kinetic properties of Î²-hydroxy-Î²-phenylpropionyl-hydroxamic acids as Helicobacter pylori urease inhibitors. European Journal of Medicinal Chemistry, 2013, 68, 212-221.	5.5	75
23	Synthesis, structureâ€“activity relationship analysis and kinetics study of reductive derivatives of flavonoids as Helicobacter pylori urease inhibitors. European Journal of Medicinal Chemistry, 2013, 63, 685-695.	5.5	76
24	7-Methoxy-3-(4-methoxyphenyl)chroman-4-one. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o250-o250.	0.2	1
25	Molecular Docking, Kinetics Study, and Structureâ€“Activity Relationship Analysis of Quercetin and Its Analogous as Helicobacter pylori Urease Inhibitors. Journal of Agricultural and Food Chemistry, 2012, 60, 10572-10577.	5.2	67
26	Structure and Antibacterial Activity of 3-(3,4-Dimethoxyphenyl)furan-2(5H)-ones. Journal of Chemical Crystallography, 2012, 42, 323-329.	1.1	2
27	Tyrosyl-tRNA synthetase inhibitors as antibacterial agents: Synthesis, molecular docking and structureâ€“activity relationship analysis of 3-aryl-4-arylaminofuran-2(5H)-ones. European Journal of Medicinal Chemistry, 2011, 46, 4904-4914.	5.5	70
28	The Synthesis and Crystal Determination of 3-Hydroxy-4-(4-methoxyphenyl)-5-(2-nitrophenyl)furan-2(5H)-one. Journal of Chemical Crystallography, 2011, 41, 649-653.	1.1	3
29	The Crystal Structures of (Z)-Ethyl 2-(4-chlorophenyl)-3-(2,4-difluorophenyl-amino)acrylate and its Analogues. Journal of Chemical Crystallography, 2011, 41, 1214-1217.	1.1	0
30	Synthesis and Crystal Structures of Complex [Nâ€²-(3,5-Dibromo-2-Oxidobenzylidene-ÎºO)-2-Hydroxy-3-Methylbenzohydrazidato-Îº 2 Nâ€²,O](Methanol-ÎºO)(Methanolato-ÎºO)Oxidovanadium(V). Journal of Chemical Crystallography, 2011, 41, 1568-1572.	1.1	11
31	Synthesis, structure, molecular docking, and structureâ€“activity relationship analysis of enamines: 3-Aryl-4-alkylaminofuran-2(5H)-ones as potential antibacterials. Bioorganic and Medicinal Chemistry, 2011, 19, 1571-1579.	3.0	34
32	4-Alkoxy-3-arylfuran-2(5H)-ones as inhibitors of tyrosyl-tRNA synthetase: Synthesis, molecular docking and antibacterial evaluation. Bioorganic and Medicinal Chemistry, 2011, 19, 3884-3891.	3.0	22
33	3-(4-Bromophenyl)-4-[2-(4-nitrophenyl)hydrazinyl]furan-2(5H)-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3086-o3086.	0.2	1
34	4-(2-Chloroanilino)-3-phenylfuran-2(5H)-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3091-o3091.	0.2	0
35	3-(4-Hydroxyphenyl)-7-methoxychroman-4-one monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3212-o3212.	0.2	0
36	3-(2-Chlorophenyl)-4-hydroxyfuran-2(5H)-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3428-o3428.	0.2	0

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37	Synthesis, Crystal Structures, and Antifungal Activities of Complex [Nâ€™-(3,5-Dichloro-2-oxidobenzylidene-ÎºO)-2-hydroxy-3-methylbenzohydrazidato-Îº 2 Nâ€™,O](methanol-ÎºO)(methanolato-ÎºO)oxidovanadium(V). Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 1102-1107.	0.6	0
38	The synthesis, structure and activity evaluation of pyrogallol and catechol derivatives as Helicobacter pylori urease inhibitors. European Journal of Medicinal Chemistry, 2010, 45, 5064-5070.	5.5	74
39	Ethyl 2-(3-amino-4-hydroxyphenyl)acetate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3069-o3069.	0.2	0
40	3-(2-Bromoethoxy)-4-(4-bromophenyl)furan-5(2H)-one. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3068-o3068.	0.2	0
41	(Z)-Ethyl 2-(4-chlorophenyl)-3-[(2,4-difluorophenyl)amino]prop-2-enoate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3016-o3016.	0.2	1
42	Efficient Reducing System Based on Iron for Conversion of Nitroarenes to Anilines. Synthetic Communications, 2010, 40, 661-665.	2.1	16
43	2-(4-Bromophenyl)-N-(2-methoxyphenyl)acetamide. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o67-o67.	0.2	5
44	Amines and oximes derived from deoxybenzoins as Helicobacter pylori urease inhibitors. European Journal of Medicinal Chemistry, 2009, 44, 2246-2251.	5.5	55
45	(E)-2-(4-Methoxyphenyl)-N-(2-pyridyl)-3-(2-pyridylamino)acrylamide. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o672-o672.	0.2	0
46	Synthesis, Antiproliferative Activity, and Structureâ€“Activity Relationships of 3â€Arylâ€1 Hâ€quinolinâ€4â€ones. ChemMedChem, 2008, 3, 1077-1082.	3.2	20
47	Synthesis, Antiproliferative Evaluation, and Structureâ€“Activity Relationships of 3â€Arylquinolines. ChemMedChem, 2008, 3, 1516-1519.	3.2	20
48	Enamines as novel antibacterials and their structureâ€“activity relationships. European Journal of Medicinal Chemistry, 2008, 43, 1828-1836.	5.5	23
49	1-(2-Hydroxy-3,4-dimethoxyphenyl)-2-(4-methoxyphenyl)ethanone. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2324-o2324.	0.2	2
50	(Z)-Ethyl 3-(2,4-difluoroanilino)-2-(4-methoxyphenyl)acrylate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o2371-o2371.	0.2	0
51	Synthesis, crystal structure, and growth inhibition of human hepatoma cell (HepG2) of polyphenolic compounds based on gallates. Canadian Journal of Chemistry, 2007, 85, 951-957.	1.1	19
52	Synthesis and Structure - Activity Relationship Analysis of Enamines as Potential Antibacterial Agents. Australian Journal of Chemistry, 2007, 60, 957.	0.9	5
53	Polyphenols based on isoflavones as inhibitors of Helicobacter pylori urease. Bioorganic and Medicinal Chemistry, 2007, 15, 3703-3710.	3.0	123
54	Synthesis, structure, and structureâ€“activity relationship analysis of enamines as potential antibacterials. Bioorganic and Medicinal Chemistry, 2007, 15, 4212-4219.	3.0	23