Wenlin Huang

List of Publications by Year in Descending Order

25 papers	503 citations	15 h-index	22 g-index
26 ext. papers	632 ext. citations	5.4 avg, IF	3.02 L-index

#	Paper	IF	Citations
25	One health therapeutics: Target-Based drug development for cryptosporidiosis and other apicomplexa diseases. *Veterinary Parasitology*, **2021**, 289, 109336	2.8	5
24	Structure-guided discovery of selective methionyl-tRNA synthetase inhibitors with potent activity against. *RSC Medicinal Chemistry*, **2020**, 11, 885-895	3.5	5
23	Comparative assessment of the effects of bumped kinase inhibitors on early zebrafish embryo development and pregnancy in mice. *International Journal of Antimicrobial Agents*, **2020**, 56, 106099	14.3	2
22	Bumped Kinase Inhibitors as therapy for apicomplexan parasitic diseases: lessons learned. *International Journal for Parasitology*, **2020**, 50, 413-422	4.3	21
21	Development of 5-Aminopyrazole-4-carboxamide-based Bumped-Kinase Inhibitors for Cryptosporidiosis Therapy. *Journal of Medicinal Chemistry*, **2019**, 62, 3135-3146	8.3	18
20	Optimization of Methionyl tRNA-Synthetase Inhibitors for Treatment of Infection. *Antimicrobial Agents and Chemotherapy*, **2019**, 63,	5.9	21
19	Pharmacokinetics and In Vivo Efficacy of Pyrazolopyrimidine, Pyrrolopyrimidine, and 5-Aminopyrazole-4-Carboxamide Bumped Kinase Inhibitors against Toxoplasmosis. *Journal of Infectious Diseases*, **2019**, 219, 1464-1473	7	8
18	7 H-Pyrrolo[2,3- d]pyrimidin-4-amine-Based Inhibitors of Calcium-Dependent Protein Kinase 1 Have Distinct Inhibitory and Oral Pharmacokinetic Characteristics Compared with 1 H-Pyrazolo[3,4-d]pyrimidin-4-amine-Based Inhibitors. *ACS Infectious Diseases*, **2018**, 4, 516-522	5.5	5
17	Comparative Study of Hepatotoxicity of Pyrrolizidine Alkaloids Retrorsine and Monocrotaline. *Chemical Research in Toxicology*, **2017**, 30, 532-539	4	28
16	Chemical Interaction of Protein Cysteine Residues with Reactive Metabolites of Methyleugenol. *Chemical Research in Toxicology*, **2017**, 30, 564-573	4	12
15	Optimization of a binding fragment targeting the "enlarged methionine pocket" leads to potent Trypanosoma brucei methionyl-tRNA synthetase inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 2702-2707	2.9	9
14	5-Aminopyrazole-4-Carboxamide-Based Compounds Prevent the Growth of Cryptosporidium parvum. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	14
13	Development of Methionyl-tRNA Synthetase Inhibitors as Antibiotics for Gram-Positive Bacterial Infections. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	17
12	Necessity of Bumped Kinase Inhibitor Gastrointestinal Exposure in Treating Cryptosporidium Infection. *Journal of Infectious Diseases*, **2017**, 216, 55-63	7	34
11	Chemical Identity of Interaction of Protein with Reactive Metabolite of Diosbulbin B In Vitro and In Vivo. *Toxins*, **2017**, 9,	4.9	16
10	Structure-guided design of novel Trypanosoma brucei Methionyl-tRNA synthetase inhibitors. *European Journal of Medicinal Chemistry*, **2016**, 124, 1081-1092	6.8	15
9	Cysteine-Based Protein Adduction by Epoxide-Derived Metabolite(s) of Benzbromarone. *Chemical Research in Toxicology*, **2016**, 29, 2145-2152	4	16

8	A Novel Calcium-Dependent Kinase Inhibitor, Bumped Kinase Inhibitor 1517, Cures Cryptosporidiosis in Immunosuppressed Mice. *Journal of Infectious Diseases*, **2016**, 214, 1850-1855	7	23
7	5-Aminopyrazole-4-carboxamide analogues are selective inhibitors of Plasmodium falciparum microgametocyte exflagellation and potential malaria transmission blocking agents. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 5487-5491	2.9	14
6	Development of an Orally Available and Central Nervous System (CNS) Penetrant Toxoplasma gondii Calcium-Dependent Protein Kinase 1 (TgCDPK1) Inhibitor with Minimal Human Ether-a-go-go-Related Gene (hERG) Activity for the Treatment of Toxoplasmosis. *Journal of Medicinal Chemistry*, **2016**, 59, 6531-46	8.3	68
5	5-Fluoroimidazo[4,5-b]pyridine Is a Privileged Fragment That Conveys Bioavailability to Potent Trypanosomal Methionyl-tRNA Synthetase Inhibitors. *ACS Infectious Diseases*, **2016**, 2, 399-404	5.5	21
4	Chemical Reactivity of Emodin and Its Oxidative Metabolites to Thiols. *Chemical Research in Toxicology*, **2016**, 29, 2114-2124	4	19
3	Novel Bumped Kinase Inhibitors Are Safe and Effective Therapeutics in the Calf Clinical Model for Cryptosporidiosis. *Journal of Infectious Diseases*, **2016**, 214, 1856-1864	7	43
2	SAR Studies of 5-Aminopyrazole-4-carboxamide Analogues as Potent and Selective Inhibitors of CDPK1. *ACS Medicinal Chemistry Letters*, **2015**, 6, 1184-1189	4.3	27
1	Potent and selective inhibitors of CDPK1 from and based on a 5-aminopyrazole-4-carboxamide scaffold. *ACS Medicinal Chemistry Letters*, **2014**, 5, 40-44	4.3	42