

Peter B Madrid

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,961
citations

218592

26
h-index

360920

35
g-index

47
all docs

47
docs citations

47
times ranked

3086
citing authors

#	ARTICLE	IF	CITATIONS
1	A Systematic Screen of FDA-Approved Drugs for Inhibitors of Biological Threat Agents. PLoS ONE, 2013, 8, e60579.	1.1	223
2	Evaluation of Ebola Virus Inhibitors for Drug Repurposing. ACS Infectious Diseases, 2015, 1, 317-326.	1.8	209
3	Synthesis of ring-substituted 4-aminoquinolines and evaluation of their antimalarial activities. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 1015-1018.	1.0	103
4	Evaluation of gyrase B as a drug target in Mycobacterium tuberculosis. Journal of Antimicrobial Chemotherapy, 2012, 67, 415-421.	1.3	87
5	Machine learning models identify molecules active against the Ebola virus in vitro. F1000Research, 2015, 4, 1091.	0.8	80
6	Activity of piperazine and other 4-aminoquinoline antiplasmodial drugs against chloroquine-sensitive and resistant blood-stages of Plasmodium falciparum. Biochemical Pharmacology, 2007, 73, 1910-1926.	2.0	78
7	Incorporation of an Intramolecular Hydrogen-Bonding Motif in the Side Chain of 4-Aminoquinolines Enhances Activity against Drug-Resistant P. falciparum. Journal of Medicinal Chemistry, 2006, 49, 4535-4543.	2.9	76
8	Parallel synthesis of 9-aminoacridines and their evaluation against chloroquine-resistant Plasmodium falciparum. Bioorganic and Medicinal Chemistry, 2006, 14, 334-343.	1.4	74
9	Synthesis and Testing of a Focused Phenothiazine Library for Binding to HIV-1 TAR RNA. Chemistry and Biology, 2006, 13, 993-1000.	6.2	68
10	Identification of antimicrobial activity among FDA-approved drugs for combating Mycobacterium abscessus and Mycobacterium chelonae. Journal of Antimicrobial Chemotherapy, 2011, 66, 1533-1536.	1.3	63
11	Synthesis and antitubercular activity of phenothiazines with reduced binding to dopamine and serotonin receptors. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 3014-3017.	1.0	59
12	Acyldeneoxindoles: A new class of reversible inhibitors of human transglutaminase 2. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2692-2696.	1.0	58
13	Parallel Synthesis and Antimalarial Screening of a 4-Aminoquinoline Library. ACS Combinatorial Science, 2004, 6, 437-442.	3.3	57
14	Machine learning models identify molecules active against the Ebola virus in vitro. F1000Research, 2015, 4, 1091.	0.8	56
15	Repurposing the Ebola and Marburg Virus Inhibitors Tilorone, Quinacrine, and Pyronaridine: <i>In Vitro</i> Activity against SARS-CoV-2 and Potential Mechanisms. ACS Omega, 2021, 6, 7454-7468.	1.6	56
16	Efficacy of Tilorone Dihydrochloride against Ebola Virus Infection. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	51
17	Development of a New Generation of 4-Aminoquinoline Antimalarial Compounds Using Predictive Pharmacokinetic and Toxicology Models. Journal of Medicinal Chemistry, 2010, 53, 3685-3695.	2.9	50
18	Ebola Virus Bayesian Machine Learning Models Enable New <i>In Vitro</i> Leads. ACS Omega, 2019, 4, 2353-2361.	1.6	49

#	ARTICLE	IF	CITATIONS
19	The Natural Product Eugenol Is an Inhibitor of the Ebola Virus In Vitro. <i>Pharmaceutical Research</i> , 2019, 36, 104.	1.7	47
20	Repurposing the antimalarial pyronaridine tetraphosphate to protect against Ebola virus infection. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007890.	1.3	42
21	Repurposing FDA-approved drugs to combat drug-resistant <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 2598-2601.	1.3	41
22	Tilorone: a Broad-Spectrum Antiviral Invented in the USA and Commercialized in Russia and beyond. <i>Pharmaceutical Research</i> , 2020, 37, 71.	1.7	39
23	SU11248 (sunitinib) directly inhibits the activity of mammalian 5'-AMP-activated protein kinase (AMPK). <i>Cancer Biology and Therapy</i> , 2010, 10, 68-76.	1.5	38
24	Tilorone, a Broad-Spectrum Antiviral for Emerging Viruses. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	32
25	Machine Learning Models Identify Inhibitors of SARS-CoV-2. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 4224-4235.	2.5	31
26	Repurposing Quinacrine against Ebola Virus Infection In Vivo. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	30
27	Structure-activity relationship study of 9-aminoacridine compounds in scrapie-infected neuroblastoma cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 4913-4916.	1.0	29
28	Discovery and Optimization of Benzotriazine Di-N-Oxides Targeting Replicating and Nonreplicating <i>Mycobacterium tuberculosis</i> . <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6047-6060.	2.9	22
29	Repurposing Pyramax®, quinacrine and tilorone as treatments for Ebola virus disease. <i>Antiviral Research</i> , 2020, 182, 104908.	1.9	20
30	Pyronaridine tetraphosphate efficacy against Ebola virus infection in guinea pig. <i>Antiviral Research</i> , 2020, 181, 104863.	1.9	16
31	The Antiviral Drug Tilorone Is a Potent and Selective Inhibitor of Acetylcholinesterase. <i>Chemical Research in Toxicology</i> , 2021, 34, 1296-1307.	1.7	15
32	Machine learning models identify molecules active against the Ebola virus in vitro. <i>F1000Research</i> , 0, 4, 1091.	0.8	14
33	A High-Throughput Fluorescence Polarization Assay for Inhibitors of Gyrase B. <i>Journal of Biomolecular Screening</i> , 2011, 16, 230-238.	2.6	12
34	UV-adVISor: Attention-Based Recurrent Neural Networks to Predict UV-Vis Spectra. <i>Analytical Chemistry</i> , 2021, 93, 16076-16085.	3.2	9
35	Systematic discovery of synergistic novel antibiotic combinations targeting multidrug-resistant <i>Acinetobacter baumannii</i> . <i>International Journal of Antimicrobial Agents</i> , 2012, 40, 377-379.	1.1	3
36	Mega-High-Throughput Screening Platform for the Discovery of Biologically Relevant Sequence-Defined Non-Natural Polymers. <i>ACS Central Science</i> , 2022, 8, 86-101.	5.3	2

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37	Synthesis of Ring-Substituted 4-Aminoquinolines and Evaluation of Their Antimalarial Activities.. ChemInform, 2005, 36, no.	0.1	0