

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 | 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 |
| 2 | 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 |
| 3 | Repurposing the Ebola and Marburg Virus Inhibitors Tilorone, Quinacrine, and Pyronaridine: <i>In Vitro</i> Activity against SARS-CoV-2 and Potential Mechanisms. <i>ACS Omega</i> , 2021, 6, 7454-7468. | 1.6 | 56 |
| 4 | Machine Learning Models Identify Inhibitors of SARS-CoV-2. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 4224-4235. | 2.5 | 31 |
| 5 | UV-adVISor: Attention-Based Recurrent Neural Networks to Predict UV-Vis Spectra. <i>Analytical Chemistry</i> , 2021, 93, 16076-16085. | 3.2 | 9 |
| 6 | Pyronaridine tetraphosphate efficacy against Ebola virus infection in guinea pig. <i>Antiviral Research</i> , 2020, 181, 104863. | 1.9 | 16 |
| 7 | Repurposing Pyramax®, quinacrine and tilorone as treatments for Ebola virus disease. <i>Antiviral Research</i> , 2020, 182, 104908. | 1.9 | 20 |
| 8 | 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 |
| 9 | Tilorone, a Broad-Spectrum Antiviral for Emerging Viruses. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, . | 1.4 | 32 |
| 10 | Repurposing Quinacrine against Ebola Virus Infection <i>In Vivo</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, . | 1.4 | 30 |
| 11 | Ebola Virus Bayesian Machine Learning Models Enable New <i>In Vitro</i> Leads. <i>ACS Omega</i> , 2019, 4, 2353-2361. | 1.6 | 49 |
| 12 | The Natural Product Eugenol Is an Inhibitor of the Ebola Virus <i>In Vitro</i> . <i>Pharmaceutical Research</i> , 2019, 36, 104. | 1.7 | 47 |
| 13 | Repurposing the antimalarial pyronaridine tetraphosphate to protect against Ebola virus infection. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007890. | 1.3 | 42 |
| 14 | Efficacy of Tilorone Dihydrochloride against Ebola Virus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, . | 1.4 | 51 |
| 15 | Evaluation of Ebola Virus Inhibitors for Drug Repurposing. <i>ACS Infectious Diseases</i> , 2015, 1, 317-326. | 1.8 | 209 |
| 16 | Machine learning models identify molecules active against the Ebola virus <i>in vitro</i> . <i>F1000Research</i> , 2015, 4, 1091. | 0.8 | 56 |
| 17 | Machine learning models identify molecules active against the Ebola virus <i>in vitro</i> . <i>F1000Research</i> , 2015, 4, 1091. | 0.8 | 80 |
| 18 | A Systematic Screen of FDA-Approved Drugs for Inhibitors of Biological Threat Agents. <i>PLoS ONE</i> , 2013, 8, e60579. | 1.1 | 223 |

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|----|---|-----|-----------|
| 19 | Discovery and Optimization of Benzotriazine Di- <i>N</i> -Oxides Targeting Replicating and Nonreplicating Mycobacterium tuberculosis. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6047-6060. | 2.9 | 22 |
| 20 | Evaluation of gyrase B as a drug target in Mycobacterium tuberculosis. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 415-421. | 1.3 | 87 |
| 21 | 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 |
| 22 | Acylideneoxindoles: A new class of reversible inhibitors of human transglutaminase 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2692-2696. | 1.0 | 58 |
| 23 | Identification of antimicrobial activity among FDA-approved drugs for combating Mycobacterium abscessus and Mycobacterium chelonae. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1533-1536. | 1.3 | 63 |
| 24 | A High-Throughput Fluorescence Polarization Assay for Inhibitors of Gyrase B. <i>Journal of Biomolecular Screening</i> , 2011, 16, 230-238. | 2.6 | 12 |
| 25 | 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 |
| 26 | Development of a New Generation of 4-Aminoquinoline Antimalarial Compounds Using Predictive Pharmacokinetic and Toxicology Models. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3685-3695. | 2.9 | 50 |
| 27 | 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 |
| 28 | Synthesis and antitubercular activity of phenothiazines with reduced binding to dopamine and serotonin receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 3014-3017. | 1.0 | 59 |
| 29 | Activity of piperazine and other 4-aminoquinoline antiplasmodial drugs against chloroquine-sensitive and resistant blood-stages of <i>Plasmodium falciparum</i> . <i>Biochemical Pharmacology</i> , 2007, 73, 1910-1926. | 2.0 | 78 |
| 30 | Incorporation of an Intramolecular Hydrogen-Bonding Motif in the Side Chain of 4-Aminoquinolines Enhances Activity against Drug-Resistant <i>P. falciparum</i> . <i>Journal of Medicinal Chemistry</i> , 2006, 49, 4535-4543. | 2.9 | 76 |
| 31 | 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 |
| 32 | Synthesis and Testing of a Focused Phenothiazine Library for Binding to HIV-1 TAR RNA. <i>Chemistry and Biology</i> , 2006, 13, 993-1000. | 6.2 | 68 |
| 33 | Parallel synthesis of 9-aminoacridines and their evaluation against chloroquine-resistant <i>Plasmodium falciparum</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 334-343. | 1.4 | 74 |
| 34 | Synthesis of ring-substituted 4-aminoquinolines and evaluation of their antimalarial activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 1015-1018. | 1.0 | 103 |
| 35 | Synthesis of Ring-Substituted 4-Aminoquinolines and Evaluation of Their Antimalarial Activities.. <i>ChemInform</i> , 2005, 36, no. | 0.1 | 0 |
| 36 | Parallel Synthesis and Antimalarial Screening of a 4-Aminoquinoline Library. <i>ACS Combinatorial Science</i> , 2004, 6, 437-442. | 3.3 | 57 |

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| 37 | Machine learning models identify molecules active against the Ebola virus in vitro. F1000Research, 0, 4, 1091. | 0.8 | 14 |