

Krysten A Jones

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,150
citations

566801

15
h-index

713013

21
g-index

25
all docs

25
docs citations

25
times ranked

1704
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of papain-like protease from SARS-CoV-2 and its complexes with non-covalent inhibitors. <i>Nature Communications</i> , 2021, 12, 743.	5.8	297
2	Masitinib is a broad coronavirus 3CL inhibitor that blocks replication of SARS-CoV-2. <i>Science</i> , 2021, 373, 931-936.	6.0	173
3	Orthogonal Luciferase-Luciferin Pairs for Bioluminescence Imaging. <i>Journal of the American Chemical Society</i> , 2017, 139, 2351-2358.	6.6	89
4	Cannabidiol inhibits SARS-CoV-2 replication through induction of the host ER stress and innate immune responses. <i>Science Advances</i> , 2022, 8, .	4.7	77
5	Site-Selective C-H Halogenation Using Flavin-Dependent Halogenases Identified via Family-Wide Activity Profiling. <i>ACS Central Science</i> , 2019, 5, 1844-1856.	5.3	69
6	Improved cyclopropene reporters for probing protein glycosylation. <i>Molecular BioSystems</i> , 2014, 10, 1693.	2.9	67
7	A Caged-Luciferin for Imaging Cell-Cell Contacts. <i>Journal of the American Chemical Society</i> , 2015, 137, 8656-8659.	6.6	64
8	Parallel Screening for Rapid Identification of Orthogonal Bioluminescent Tools. <i>ACS Central Science</i> , 2017, 3, 1254-1261.	5.3	39
9	Brominated Luciferins Are Versatile Bioluminescent Probes. <i>ChemBioChem</i> , 2017, 18, 96-100.	1.3	35
10	Bisindolylmaleimide IX: A novel anti-SARS-CoV2 agent targeting viral main protease 3CLpro demonstrated by virtual screening pipeline and in-vitro validation assays. <i>Methods</i> , 2021, 195, 57-71.	1.9	29
11	Small Molecule-Inducible RNA-Targeting Systems for Temporal Control of RNA Regulation. <i>ACS Central Science</i> , 2020, 6, 1987-1996.	5.3	27
12	Pyridone Luciferins and Mutant Luciferases for Bioluminescence Imaging. <i>ChemBioChem</i> , 2018, 19, 470-477.	1.3	24
13	Development of a Split Esterase for Protein-Protein Interaction-Dependent Small-Molecule Activation. <i>ACS Central Science</i> , 2019, 5, 1768-1776.	5.3	22
14	Defective inhibition of B-cell proliferation by Wiskott-Aldrich syndrome protein-deficient regulatory T cells. <i>Blood</i> , 2011, 117, 6608-6611.	0.6	20
15	Visualizing Cell Proximity with Genetically Encoded Bioluminescent Reporters. <i>ACS Chemical Biology</i> , 2015, 10, 933-938.	1.6	15
16	Antiviral evaluation of hydroxyethylamine analogs: Inhibitors of SARS-CoV-2 main protease (3CLpro), a virtual screening and simulation approach. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 47, 116393.	1.4	15
17	Phage-Assisted Continuous Evolution and Selection of Enzymes for Chemical Synthesis. <i>ACS Central Science</i> , 2021, 7, 1581-1590.	5.3	13
18	Rapid Multicomponent Bioluminescence Imaging via Substrate Unmixing. <i>ACS Chemical Biology</i> , 2021, 16, 682-690.	1.6	11

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19	Cannabidiol inhibits SARS-CoV-2 replication through induction of the host ER stress and innate immune responses.. Science Advances, 2022, , eabi6110.	4.7	11
20	Recent advances in developing and applying biosensors for synthetic biology. Nano Futures, 2019, 3, 042002.	1.0	9
21	Extracellular Toxoplasma gondii tachyzoites metabolize and incorporate unnatural sugars into cellular proteins. Microbes and Infection, 2016, 18, 199-210.	1.0	6