

Allimuthu T Dharmaraja

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

955
citations

686830

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794141

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21
times ranked

1949
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of Reactive Oxygen Species (ROS) in Therapeutics and Drug Resistance in Cancer and Bacteria. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 3221-3240.	2.9	394
2	Accumulation of 8,9-unsaturated sterols drives oligodendrocyte formation and remyelination. <i>Nature</i> , 2018, 560, 372-376.	13.7	170
3	<i>Mycobacterium tuberculosis</i> has diminished capacity to counteract redox stress induced by elevated levels of endogenous superoxide. <i>Free Radical Biology and Medicine</i> , 2015, 84, 344-354.	1.3	68
4	Design, synthesis and evaluation of small molecule reactive oxygen species generators as selective <i>Mycobacterium tuberculosis</i> inhibitors. <i>Chemical Communications</i> , 2012, 48, 10325.	2.2	36
5	2-Chloropropionamide As a Low-Reactivity Electrophile for Irreversible Small-Molecule Probe Identification. <i>ACS Chemical Biology</i> , 2017, 12, 2124-2131.	1.6	36
6	Extraction of fission palladium(II) from nitric acid by benzoylmethylenetriphenylphosphorane (BMTPP). <i>Hydrometallurgy</i> , 2006, 84, 118-124.	1.8	35
7	A Small Molecule for Controlled Generation of Reactive Oxygen Species (ROS). <i>Organic Letters</i> , 2014, 16, 398-401.	2.4	33
8	Arylboronate Ester Based Diazeniumdiolates (BORO/NO), a Class of Hydrogen Peroxide Inducible Nitric Oxide (NO) Donors. <i>Organic Letters</i> , 2014, 16, 2610-2613.	2.4	29
9	Mercury(II)–methylene blue interactions: Complexation and metallate formation. <i>Inorganica Chimica Acta</i> , 2007, 360, 1799-1808.	1.2	27
10	Diverse Chemical Scaffolds Enhance Oligodendrocyte Formation by Inhibiting CYP51, TM7SF2, or EBP. <i>Cell Chemical Biology</i> , 2019, 26, 593-599.e4.	2.5	24
11	Chemoproteomics of an Indole-Based Quinone Epoxide Identifies Druggable Vulnerabilities in Vancomycin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6785-6795.	2.9	23
12	Synthesis, thiol-mediated reactive oxygen species generation profiles and anti-proliferative activities of 2,3-epoxy-1,4-naphthoquinones. <i>MedChemComm</i> , 2012, 3, 219-224.	3.5	21
13	Modulation of lanosterol synthase drives 24,25-epoxysterol synthesis and oligodendrocyte formation. <i>Cell Chemical Biology</i> , 2021, 28, 866-875.e5.	2.5	16
14	Synthesis, reactive oxygen species generation and copper-mediated nuclease activity profiles of 2-aryl-3-amino-1,4-naphthoquinones. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 3766-3769.	1.0	13
15	Substituent Effects on Reactive Oxygen Species (ROS) Generation by Hydroquinones. <i>Journal of Organic Chemistry</i> , 2014, 79, 9413-9417.	1.7	8
16	Screening Reveals Sterol Derivatives with Pro-Differentiation, Pro-Survival, or Potent Cytotoxic Effects on Oligodendrocyte Progenitor Cells. <i>ACS Chemical Biology</i> , 2021, 16, 1288-1297.	1.6	7
17	A phenacrylate scaffold for tunable thiol activation and release. <i>Chemical Communications</i> , 2014, 50, 15323-15326.	2.2	5
18	Novel chloroacetamido compound CWR-J02 is an anti-inflammatory glutaredoxin-1 inhibitor. <i>PLoS ONE</i> , 2017, 12, e0187991.	1.1	5

#	ARTICLE	IF	CITATIONS
19	Enhancers of Human and Rodent Oligodendrocyte Formation Predominantly Induce Cholesterol Precursor Accumulation. ACS Chemical Biology, 2022, 17, 2188-2200.	1.6	5
20	Design, Synthesis and Study of Reactive Oxygen Species Generators as Mycobacterium Tuberculosis Inhibitors. Free Radical Biology and Medicine, 2012, 53, S103.	1.3	0