

Sushabhan Sadhukhan

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,285
citations

471509

17
h-index

526287

27
g-index

32
all docs

32
docs citations

32
times ranked

2264
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemico-biological aspects of α -epigallocatechin-3-gallate (EGCG) to improve its stability, bioavailability and membrane permeability: Current status and future prospects. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 10382-10411.	10.3	26
2	Structure-based design and synthesis of a novel long-chain ω -alkyl ether derivative of EGCG as potent EGFR inhibitor: <i>in vitro</i> and <i>in silico</i> studies. <i>RSC Advances</i> , 2022, 12, 17821-17836.	3.6	12
3	Plant-derived natural polyphenols as potential antiviral drugs against SARS-CoV-2 <i>via</i> RNA-dependent RNA polymerase (RdRp) inhibition: an <i>in-silico</i> analysis. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6249-6264.	3.5	101
4	An <i>in-silico</i> study on selected organosulfur compounds as potential drugs for SARS-CoV-2 infection via binding multiple drug targets. <i>Chemical Physics Letters</i> , 2021, 763, 138193.	2.6	32
5	Pharmacological and genetic perturbation establish SIRT5 as a promising target in breast cancer. <i>Oncogene</i> , 2021, 40, 1644-1658.	5.9	45
6	Emerging Roles of DHHC-mediated Protein S-palmitoylation in Physiological and Pathophysiological Context. <i>European Journal of Cell Biology</i> , 2018, 97, 319-338.	3.6	80
7	Direct Comparison of SIRT2 Inhibitors: Potency, Specificity, Activity-dependent Inhibition, and On-target Anticancer Activities. <i>ChemMedChem</i> , 2018, 13, 1890-1894.	3.2	38
8	SIRT7 Is an RNA-Activated Protein Lysine Deacylase. <i>ACS Chemical Biology</i> , 2017, 12, 300-310.	3.4	83
9	Metabolomics-assisted proteomics identifies succinylation and SIRT5 as important regulators of cardiac function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4320-4325.	7.1	263
10	SIRT7 Is Activated by DNA and Deacetylates Histone H3 in the Chromatin Context. <i>ACS Chemical Biology</i> , 2016, 11, 742-747.	3.4	57
11	High-Resolution Metabolomics with Acyl-CoA Profiling Reveals Widespread Remodeling in Response to Diet*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1489-1500.	3.8	95
12	Catabolism of (2E)-4-Hydroxy-2-nonenal via α - and β -1-Oxidation Stimulated by Ketogenic Diet. <i>Journal of Biological Chemistry</i> , 2014, 289, 32327-32338.	3.4	17
13	Glutathionylated 4-hydroxy-2-(E)-alkenal enantiomers in rat organs and their contributions toward the disposal of 4-hydroxy-2-(E)-nonenal in rat liver. <i>Free Radical Biology and Medicine</i> , 2014, 70, 78-85.	2.9	12
14	Modular Isotopomer Synthesis of δ^3 -Hydroxybutyric Acid for a Quantitative Analysis of Metabolic Fates. <i>ACS Chemical Biology</i> , 2014, 9, 1706-1711.	3.4	9
15	Identification of a negative feedback loop in biological oxidant formation regulated by 4-hydroxy-2-(E)-nonenal. <i>Redox Biology</i> , 2014, 2, 755-763.	9.0	9
16	4-Hydroxy-2(E)-nonenal (HNE) catabolism and formation of HNE adducts are modulated by β oxidation of fatty acids in the isolated rat heart. <i>Free Radical Biology and Medicine</i> , 2013, 58, 35-44.	2.9	17
17	Metabolomics and Mass Isotopomer Analysis as a Strategy for Pathway Discovery: Pyrrolyl and Cyclopentenyl Derivatives of the Pro-Drug of Abuse, Levulinate. <i>Chemical Research in Toxicology</i> , 2013, 26, 213-220.	3.3	9
18	Metabolic Characterization of a Sirt5 deficient mouse model. <i>Scientific Reports</i> , 2013, 3, 2806.	3.3	115

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19	Metabolism of $\hat{1}^3$ -hydroxybutyrate in perfused rat livers. <i>Biochemical Journal</i> , 2012, 444, 333-341.	3.7	15
20	Cyclical C7 $\hat{1}$ CoA esters derived from calcium levulinate, a pro $\hat{1}$ drug of abuse. <i>FASEB Journal</i> , 2012, 26, 551.1.	0.5	0
21	Metabolomics, Pathway Regulation, and Pathway Discovery. <i>Journal of Biological Chemistry</i> , 2011, 286, 23631-23635.	3.4	53
22	Isotopomer enrichment assay for very short chain fatty acids and its metabolic applications. <i>Analytical Biochemistry</i> , 2011, 410, 110-117.	2.4	49
23	Metabolism of Levulinate in Perfused Rat Livers and Live Rats. <i>Journal of Biological Chemistry</i> , 2011, 286, 5895-5904.	3.4	19
24	Using Isotopic Tools to Dissect and Quantitate Parallel Metabolic Pathways. <i>Journal of the American Chemical Society</i> , 2010, 132, 6309-6311.	13.7	27
25	Synthesis and Biological Evaluation of Analogues of a Novel Inhibitor of $\hat{1}^2$ -Amyloid Secretion. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 5302-5319.	6.4	7
26	Partial beta $\hat{1}$ oxidation and bilateral alpha $\hat{1}$ oxidation of gamma $\hat{1}$ hydroxybutyrate (GHB) in perfused rat livers. <i>FASEB Journal</i> , 2010, 24, 504.4.	0.5	0
27	Catabolism of 4-Hydroxyacids and 4-Hydroxynonenal via 4-Hydroxy-4-phosphoacyl-CoAs. <i>Journal of Biological Chemistry</i> , 2009, 284, 33521-33534.	3.4	56
28	The syntheses and applications of $\hat{1}^2$ -benzylmercaptoethylamine derivatives. <i>Tetrahedron</i> , 2009, 65, 10515-10534.	1.9	12
29	Lipase catalyzed synthesis of benzyl acetate in solvent-free medium using vinyl acetate as acyl donor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 4041-4044.	2.2	24