

Abhirup Das

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,428
citations

566801

15
h-index

676716

22
g-index

28
all docs

28
docs citations

28
times ranked

2603
citing authors

#	ARTICLE	IF	CITATIONS
1	Impairment of an Endothelial NAD ⁺ -H ₂ S Signaling Network Is a Reversible Cause of Vascular Aging. <i>Cell</i> , 2018, 173, 74-89.e20.	13.5	333
2	Amino Acid Restriction Triggers Angiogenesis via GCN2/ATF4 Regulation of VEGF and H ₂ S Production. <i>Cell</i> , 2018, 173, 117-129.e14.	13.5	229
3	SIRT1 Activates MAO-A in the Brain to Mediate Anxiety and Exploratory Drive. <i>Cell</i> , 2011, 147, 1459-1472.	13.5	202
4	Biosynthesis of Aromatic Polyketides in Bacteria. <i>Accounts of Chemical Research</i> , 2009, 42, 631-639.	7.6	170
5	A selective inhibitor of ceramide synthase 1 reveals a novel role in fat metabolism. <i>Nature Communications</i> , 2018, 9, 3165.	5.8	93
6	Ultrastructure of the liver microcirculation influences hepatic and systemic insulin activity and provides a mechanism for age-related insulin resistance. <i>Aging Cell</i> , 2016, 15, 706-715.	3.0	60
7	Evidence for Transcriptional Regulation of the Glucose-6-Phosphate Transporter by HIF-1: Targeting G6PT with Mumbaistatin Analogs in Hypoxic Mesenchymal Stromal Cells. <i>Stem Cells</i> , 2009, 27, 489-497.	1.4	47
8	Degenerative Cervical Myelopathy: Insights into Its Pathobiology and Molecular Mechanisms. <i>Journal of Clinical Medicine</i> , 2021, 10, 1214.	1.0	31
9	Structural and Biochemical Studies of the Hedamycin Type II Polyketide Ketoreductase (HedKR): Molecular Basis of Stereo- and Regiospecificities. <i>Biochemistry</i> , 2011, 50, 7426-7439.	1.2	27
10	In Vivo and In Vitro Analysis of the Hedamycin Polyketide Synthase. <i>Chemistry and Biology</i> , 2009, 16, 1197-1207.	6.2	26
11	Gut-disc axis: A cause of intervertebral disc degeneration and low back pain?. <i>European Spine Journal</i> , 2022, 31, 917-925.	1.0	26
12	Nicosamide reduces glucagon sensitivity via hepatic PKA inhibition in obese mice: Implications for glucose metabolism improvements in type 2 diabetes. <i>Scientific Reports</i> , 2017, 7, 40159.	1.6	23
13	Mechanism and Engineering of Polyketide Chain Initiation in Fredericamycin Biosynthesis. <i>Journal of the American Chemical Society</i> , 2010, 132, 8831-8833.	6.6	18
14	Impacts of obesity, maternal obesity and nicotinamide mononucleotide supplementation on sperm quality in mice. <i>Reproduction</i> , 2019, 158, 171-181.	1.1	17
15	Analysis of the Ketosynthase-Chain Length Factor Heterodimer from the Fredericamycin Polyketide Synthase. <i>Chemistry and Biology</i> , 2011, 18, 1021-1031.	6.2	16
16	Structure-activity relationships of semisynthetic mumbaistatin analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5207-5218.	1.4	15
17	Inhibition of Tubulogenesis and of Carcinogen-mediated Signaling in Brain Endothelial Cells Highlight the Antiangiogenic Properties of a Mumbaistatin Analog. <i>Chemical Biology and Drug Design</i> , 2010, 75, 481-488.	1.5	14
18	Skin protective and regenerative effects of RM191A, a novel superoxide dismutase mimetic. <i>Redox Biology</i> , 2021, 38, 101790.	3.9	6

#	ARTICLE	IF	CITATIONS
19	Blood-Spinal Cord Barrier: Its Role in Spinal Disorders and Emerging Therapeutic Strategies. <i>NeuroSci</i> , 2022, 3, 1-27.	0.4	6
20	Changes in Back Pain Scores after Bariatric Surgery in Obese Patients: A Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1443.	1.0	5
21	Pathophysiological Correlation between Cigarette Smoking and Amyotrophic Lateral Sclerosis. <i>NeuroSci</i> , 2021, 2, 120-134.	0.4	1
22	Effect of Dietary Nicotinamide Mononucleotide (NMN) on Function and Mechanics of Skeletal Muscle Arteries from Aged Mice. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0