

# Abhirup Das

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8074773/publications.pdf>

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	Gut-disc axis: A cause of intervertebral disc degeneration and low back pain?. European Spine Journal, 2022, 31, 917-925.	1.0	26
2	Blood-Spinal Cord Barrier: Its Role in Spinal Disorders and Emerging Therapeutic Strategies. NeuroSci, 2022, 3, 1-27.	0.4	6
3	Skin protective and regenerative effects of RM191A, a novel superoxide dismutase mimetic. Redox Biology, 2021, 38, 101790.	3.9	6
4	Degenerative Cervical Myelopathy: Insights into Its Pathobiology and Molecular Mechanisms. Journal of Clinical Medicine, 2021, 10, 1214.	1.0	31
5	Changes in Back Pain Scores after Bariatric Surgery in Obese Patients: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 1443.	1.0	5
6	Pathophysiological Correlation between Cigarette Smoking and Amyotrophic Lateral Sclerosis. NeuroSci, 2021, 2, 120-134.	0.4	1
7	Effect of Dietary Nicotinamide Mononucleotide (NMN) on Function and Mechanics of Skeletal Muscle Arteries from Aged Mice. FASEB Journal, 2020, 34, 1-1.	0.2	0
8	Impacts of obesity, maternal obesity and nicotinamide mononucleotide supplementation on sperm quality in mice. Reproduction, 2019, 158, 171-181.	1.1	17
9	Impairment of an Endothelial NAD <sup>+</sup> -H <sub>2</sub> S Signaling Network Is a Reversible Cause of Vascular Aging. Cell, 2018, 173, 74-89.e20.	13.5	333
10	Amino Acid Restriction Triggers Angiogenesis via GCN2/ATF4 Regulation of VEGF and H <sub>2</sub> S Production. Cell, 2018, 173, 117-129.e14.	13.5	229
11	A selective inhibitor of ceramide synthase 1 reveals a novel role in fat metabolism. Nature Communications, 2018, 9, 3165.	5.8	93
12	Nicosamide reduces glucagon sensitivity via hepatic PKA inhibition in obese mice: Implications for glucose metabolism improvements in type 2 diabetes. Scientific Reports, 2017, 7, 40159.	1.6	23
13	Ultrastructure of the liver microcirculation influences hepatic and systemic insulin activity and provides a mechanism for age-related insulin resistance. Aging Cell, 2016, 15, 706-715.	3.0	60
14	Structural and Biochemical Studies of the Hedamycin Type II Polyketide Ketoreductase ( <i>HedK</i> ): Molecular Basis of Stereo- and Regiospecificities. Biochemistry, 2011, 50, 7426-7439.	1.2	27
15	SIRT1 Activates MAO-A in the Brain to Mediate Anxiety and Exploratory Drive. Cell, 2011, 147, 1459-1472.	13.5	202
16	Analysis of the Ketosynthase-Chain Length Factor Heterodimer from the Fredericamycin Polyketide Synthase. Chemistry and Biology, 2011, 18, 1021-1031.	6.2	16
17	Inhibition of Tubulogenesis and of Carcinogen-mediated Signaling in Brain Endothelial Cells Highlight the Antiangiogenic Properties of a Mumbaistatin Analog. Chemical Biology and Drug Design, 2010, 75, 481-488.	1.5	14
18	Mechanism and Engineering of Polyketide Chain Initiation in Fredericamycin Biosynthesis. Journal of the American Chemical Society, 2010, 132, 8831-8833.	6.6	18

#	ARTICLE	IF	CITATIONS
19	In Vivo and In Vitro Analysis of the Hedamycin Polyketide Synthase. <i>Chemistry and Biology</i> , 2009, 16, 1197-1207.	6.2	26
20	Biosynthesis of Aromatic Polyketides in Bacteria. <i>Accounts of Chemical Research</i> , 2009, 42, 631-639.	7.6	170
21	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
22	Structure-activity relationships of semisynthetic mumbaistatin analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 5207-5218.	1.4	15