

Tushar Kanti Maiti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9441880/publications.pdf>

Version: 2024-02-01

47
papers

1,265
citations

361413

20
h-index

377865

34
g-index

49
all docs

49
docs citations

49
times ranked

1872
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction of (âˆ™)-epigallocatechin-3-gallate with human serum albumin: Fluorescence, fourier transform infrared, circular dichroism, and docking studies. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 64, 355-362.	2.6	136
2	Ubiquitin vinyl methyl ester binding orients the misaligned active site of the ubiquitin hydrolase UCHL1 into productive conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 9117-9122.	7.1	96
3	Genomic plasticity associated with antimicrobial resistance in <i>Vibrio cholerae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6226-6231.	7.1	90
4	Deubiquitinating enzymes in cellular signaling and disease regulation. <i>IUBMB Life</i> , 2015, 67, 544-555.	3.4	79
5	Binding of all-trans retinoic acid to human serum albumin: Fluorescence, FT-IR and circular dichroism studies. <i>International Journal of Biological Macromolecules</i> , 2006, 38, 197-202.	7.5	55
6	The interaction of silibinin with human serum albumin: A spectroscopic investigation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 194, 297-307.	3.9	54
7	S-nitrosylation of UCHL1 induces its structural instability and promotes α -synuclein aggregation. <i>Scientific Reports</i> , 2017, 7, 44558.	3.3	49
8	Metal induced non-metallothionein protein in earthworm: A new pathway for cadmium detoxification in chloragogenous tissue. <i>Journal of Hazardous Materials</i> , 2021, 401, 123357.	12.4	43
9	A Novel Ligand of Toll-like Receptor 4 From the Sheath of <i>Wuchereria bancrofti</i> Microfilaria Induces Proinflammatory Response in Macrophages. <i>Journal of Infectious Diseases</i> , 2017, 215, 954-965.	4.0	39
10	Cancer associated missense mutations in BAP1 catalytic domain induce amyloidogenic aggregation: A new insight in enzymatic inactivation. <i>Scientific Reports</i> , 2016, 5, 18462.	3.3	38
11	Clinical and Immunological Profile of Anti-factor H Antibody Associated Atypical Hemolytic Uremic Syndrome: A Nationwide Database. <i>Frontiers in Immunology</i> , 2019, 10, 1282.	4.8	38
12	Crystal structure of the catalytic domain of UCHL5, a proteasome-associated human deubiquitinating enzyme, reveals an unproductive form of the enzyme. <i>FEBS Journal</i> , 2011, 278, 4917-4926.	4.7	37
13	Effect of green tea polyphenols on angiogenesis induced by an angiogenin-like protein. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 64-67.	2.1	36
14	Green tea polyphenols as inhibitors of ribonuclease A. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 807-811.	2.1	35
15	Copper complexes of (âˆ™)-epicatechin gallate and (âˆ™)-epigallocatechin gallate act as inhibitors of Ribonuclease A. <i>FEBS Letters</i> , 2006, 580, 4703-4708.	2.8	31
16	The binding of 3- ϵ -N-piperidine-4-carboxyl-3- ϵ -deoxy-ara-uridine to ribonuclease A in the crystal. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 6055-6064.	3.0	30
17	3- ϵ -N-Alkylamino-3- ϵ -deoxy-ara-uridines: A new class of potential inhibitors of ribonuclease A and angiogenin. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 1221-1228.	3.0	30
18	Molecular Insights into Antimicrobial Resistance Traits of Multidrug Resistant Enteric Pathogens isolated from India. <i>Scientific Reports</i> , 2017, 7, 14468.	3.3	30

#	ARTICLE	IF	CITATIONS
19	Inhibition of Ribonuclease A by polyphenols present in green tea. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 69, 566-580.	2.6	24
20	Molecular insights into the genome dynamics and interactions between core and acquired genomes of <i>Vibrio cholerae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23762-23773.	7.1	22
21	Ellagic Acid Inhibits α -Synuclein Aggregation at Multiple Stages and Reduces Its Cytotoxicity. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1919-1930.	3.5	21
22	RNA-Protein Interaction Analysis of SARS-CoV-2 5' and 3' Untranslated Regions Reveals a Role of Lysosome-Associated Membrane Protein-2a during Viral Infection. <i>MSystems</i> , 2021, 6, e0064321.	3.8	21
23	Partially oxidized DJ-1 inhibits α -synuclein nucleation and remodels mature α -synuclein fibrils in vitro. <i>Communications Biology</i> , 2019, 2, 395.	4.4	18
24	Alternative splicing of ceramide synthase 2 alters levels of specific ceramides and modulates cancer cell proliferation and migration in Luminal B breast cancer subtype. <i>Cell Death and Disease</i> , 2021, 12, 171.	6.3	18
25	Amyloid aggregates of the deubiquitinase OTUB1 are neurotoxic, suggesting that they contribute to the development of Parkinson's disease. <i>Journal of Biological Chemistry</i> , 2020, 295, 3466-3484.	3.4	17
26	Contribution of active site glutamine to rate enhancement in ubiquitin C-terminal hydrolases. <i>FEBS Journal</i> , 2012, 279, 1106-1118.	4.7	16
27	Characterization of the Tryptophan Residues of Human Placental Ribonuclease Inhibitor and Its Complex with Bovine Pancreatic Ribonuclease A by Steady-State and Time-Resolved Emission Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2006, 110, 21349-21356.	2.6	14
28	Extracellular α -Synuclein Disrupts Membrane Nanostructure and Promotes S-Nitrosylation-Induced Neuronal Cell Death. <i>Biomacromolecules</i> , 2018, 19, 1118-1129.	5.4	14
29	Role of Sporadic Parkinson Disease Associated Mutations A18T and A29S in Enhanced α -Synuclein Fibrillation and Cytotoxicity. <i>ACS Chemical Neuroscience</i> , 2018, 9, 230-240.	3.5	14
30	Myosin heavy chain mutations that cause Freeman-Sheldon syndrome lead to muscle structural and functional defects in <i>Drosophila</i> . <i>Developmental Biology</i> , 2019, 449, 90-98.	2.0	14
31	Salivary proteome signatures in the early and middle stages of human pregnancy with term birth outcome. <i>Scientific Reports</i> , 2020, 10, 8022.	3.3	13
32	Gefitinib Results in Robust Host-Directed Immunity Against Salmonella Infection Through Proteo-Metabolomic Reprogramming. <i>Frontiers in Immunology</i> , 2021, 12, 648710.	4.8	12
33	Oncogenic gain of function due to p53 amyloids occurs through aberrant alteration of cell cycle and proliferation. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	11
34	L105K Mutant of Proteorhodopsin. <i>Biochemistry</i> , 2012, 51, 3198-3204.	2.5	8
35	α -Synuclein Exhibits Differential Membrane Perturbation, Nucleation, and TLR2 Binding through Its Secondary Structure. <i>ACS Chemical Neuroscience</i> , 2020, 11, 4203-4214.	3.5	8
36	Identification of diphenyl furan derivatives via high throughput and computational studies as ArgA inhibitors of <i>Mycobacterium tuberculosis</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1845-1858.	7.5	8

#	ARTICLE	IF	CITATIONS
37	Sequestration of eIF4A by angiotensin: A novel mechanism to restrict global protein synthesis in trophoblast cells. <i>Stem Cells</i> , 2021, 39, 210-226.	3.2	8
38	Ubiquitin recognition of BAP1: understanding its enzymatic function. <i>Bioscience Reports</i> , 2017, 37, .	2.4	7
39	Proteome Analyses Reveal <i>Macrophomina phaseolina</i> 's Survival Tools When Challenged by <i>Burkholderia contaminans</i> NZ. <i>ACS Omega</i> , 2020, 5, 1352-1362.	3.5	7
40	Dynamic Alteration in the Vaginal Secretory Proteome across the Early and Mid-Trimesters of Pregnancy. <i>Journal of Proteome Research</i> , 2021, 20, 1190-1205.	3.7	5
41	S-Nitrosylation of OTUB1 Alters Its Stability and Ubc13 Binding. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1517-1525.	3.5	5
42	Proteomic analysis reveals USP7 as a novel regulator of palmitic acid-induced hepatocellular carcinoma cell death. <i>Cell Death and Disease</i> , 2022, 13, .	6.3	5
43	Retinal-Protein Interactions in Halorhodopsin from <i>Natronomonas pharaonis</i> : Binding and Retinal Thermal Isomerization Catalysis. <i>Journal of Molecular Biology</i> , 2009, 394, 472-484.	4.2	3
44	Catalytic domain mutation in CYLD inactivates its enzyme function by structural perturbation and induces cell migration and proliferation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2081-2089.	2.4	3
45	Isolation and Partial Characterization of Ribonuclease Inhibitor from Goat Liver. <i>Protein and Peptide Letters</i> , 2006, 13, 779-783.	0.9	2
46	Isolation and Characterization of an Angiogeninlike Protein from Goat Plasma. <i>Protein and Peptide Letters</i> , 2002, 9, 283-288.	0.9	1
47	Commentary on: Calpain-2 participates in the process of calpain-1 inactivation. <i>Bioscience Reports</i> , 2021, 41, .	2.4	0