

# Dhiman Maitra

## List of Publications by Year in descending order

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33  
papers

902  
citations

430874

18  
h-index

477307

29  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1325  
citing authors

#	ARTICLE	IF	CITATIONS
1	PP2 protects from keratin mutation-associated liver injury and filament disruption via SRC kinase inhibition in male but not female mice. <i>Hepatology</i> , 2023, 77, 144-158.	7.3	4
2	Acitretin mitigates uroporphyrin-induced bone defects in congenital erythropoietic porphyria models. <i>Scientific Reports</i> , 2021, 11, 9601.	3.3	2
3	Protein-aggregating ability of different protoporphyrin-IX nanostructures is dependent on their oxidation and protein-binding capacity. <i>Journal of Biological Chemistry</i> , 2021, 297, 100778.	3.4	6
4	Geographic prevalence variation and phenotype penetrance in porphyria: insights from a Chinese population database. <i>Blood Advances</i> , 2021, 5, 12-15.	5.2	3
5	Porphyrin-Induced Protein Oxidation and Aggregation as a Mechanism of Porphyria-Associated Cell Injury. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 8, 535-548.	4.5	44
6	Oxygen and Conformation Dependent Protein Oxidation and Aggregation by Porphyrins in Hepatocytes and Light-Exposed Cells. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 8, 659-682.e1.	4.5	19
7	Loss of hepatocyte $\beta$ -catenin protects mice from experimental porphyria-associated liver injury. <i>Journal of Hepatology</i> , 2019, 70, 108-117.	3.7	29
8	Porphyrin Nanostructures Modulates Its Protein Aggregation Ability via Differential Oxidation and Protein Binding. <i>FASEB Journal</i> , 2019, 33, 784.13.	0.5	0
9	Melatonin prevents hypochlorous acid-mediated cyanocobalamin destruction and cyanogen chloride generation. <i>Journal of Pineal Research</i> , 2018, 64, e12463.	7.4	23
10	A precursor-inducible zebrafish model of acute protoporphyria with hepatic protein aggregation and multiorgan stress. <i>FASEB Journal</i> , 2016, 30, 1798-1810.	0.5	21
11	Ethanol and Acetaminophen Synergistically Induce Hepatic Aggregation and TCH346-Insensitive Nuclear Translocation of GAPDH. <i>PLoS ONE</i> , 2016, 11, e0160982.	2.5	2
12	Ambient Light Promotes Selective Subcellular Proteotoxicity after Endogenous and Exogenous Porphyrinogenic Stress. <i>Journal of Biological Chemistry</i> , 2015, 290, 23711-23724.	3.4	27
13	Tumor-selective proteotoxicity of verteporfin inhibits colon cancer progression independently of YAP1. <i>Science Signaling</i> , 2015, 8, ra98.	3.6	152
14	Melatonin Prevents Myeloperoxidase Heme Destruction and the Generation of Free Iron Mediated by Self-Generated Hypochlorous Acid. <i>PLoS ONE</i> , 2015, 10, e0120737.	2.5	13
15	Disruption of heme-peptide covalent cross-linking in mammalian peroxidases by hypochlorous acid. <i>Journal of Inorganic Biochemistry</i> , 2014, 140, 245-254.	3.5	13
16	Kinetic Studies on the Reaction between Dicyanocobinamide and Hypochlorous Acid. <i>PLoS ONE</i> , 2014, 9, e110595.	2.5	14
17	Myeloperoxidase acts as a source of free iron during steady-state catalysis by a feedback inhibitory pathway. <i>Free Radical Biology and Medicine</i> , 2013, 63, 90-98.	2.9	45
18	Peroxynitrite affects the cumulus cell defense of metaphase II mouse oocytes leading to disruption of the spindle structure in vitro. <i>Fertility and Sterility</i> , 2013, 100, 578-584.e1.	1.0	22

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19	Impact of hydrogen peroxide-driven Fenton reaction on mouse oocyte quality. <i>Free Radical Biology and Medicine</i> , 2013, 58, 154-159.	2.9	38
20	Lamin aggregation is an early sensor of porphyria-induced liver injury. <i>Journal of Cell Science</i> , 2013, 126, 3105-12.	2.0	32
21	IL-6 and Mouse Oocyte Spindle. <i>PLoS ONE</i> , 2012, 7, e35535.	2.5	30
22	Melatonin prevents hypochlorous acid-induced alterations in microtubule and chromosomal structure in metaphase-II mouse oocytes. <i>Journal of Pineal Research</i> , 2012, 53, 122-128.	7.4	38
23	The reaction of HOCl and cyanocobalamin: Corrin destruction and the liberation of cyanogen chloride. <i>Free Radical Biology and Medicine</i> , 2012, 52, 616-625.	2.9	40
24	Melatonin attenuates hypochlorous acid-mediated heme destruction, free iron release, and protein aggregation in hemoglobin. <i>Journal of Pineal Research</i> , 2012, 53, 198-205.	7.4	21
25	The reaction of HOCl and cyanocobalamin: corrin destruction and the liberation of cyanogen chloride. <i>FASEB Journal</i> , 2012, 26, 126.1.	0.5	1
26	Melatonin can attenuate HOCl-mediated hemolysis, free iron release and heme degradation from hemoglobin. <i>FASEB Journal</i> , 2012, 26, 641.13.	0.5	0
27	Mechanism of hypochlorous acid-mediated heme destruction and free iron release. <i>Free Radical Biology and Medicine</i> , 2011, 51, 364-373.	2.9	38
28	Reaction of hemoglobin with HOCl: Mechanism of heme destruction and free iron release. <i>Free Radical Biology and Medicine</i> , 2011, 51, 374-386.	2.9	68
29	Melatonin Can Mediate Its Vascular Protective Effect by Modulating Free Iron Level by Inhibiting Hypochlorous Acid-Mediated Hemoprotein Heme Destruction. <i>Hypertension</i> , 2011, 57, e22; author reply e23.	2.7	11
30	Hypochlorous Acid-Induced Heme Degradation from Lactoperoxidase as a Novel Mechanism of Free Iron Release and Tissue Injury in Inflammatory Diseases. <i>PLoS ONE</i> , 2011, 6, e27641.	2.5	34
31	Potent antioxidative activity of lycopene: A potential role in scavenging hypochlorous acid. <i>Free Radical Biology and Medicine</i> , 2010, 49, 205-213.	2.9	82
32	Potent antioxidative activity of lycopene: a potential role in scavenging hypochlorous acid. <i>FASEB Journal</i> , 2010, 24, 92.1.	0.5	0
33	Myeloperoxidase interaction with peroxynitrite: chloride deficiency and heme depletion. <i>Free Radical Biology and Medicine</i> , 2009, 47, 431-439.	2.9	25