

Dhiman Maitra

List of Publications by Year in descending order

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33
papers

902
citations

430874

18
h-index

477307

29
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all docs

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docs citations

35
times ranked

1325
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-selective proteotoxicity of verteporfin inhibits colon cancer progression independently of YAP1. <i>Science Signaling</i> , 2015, 8, ra98.	3.6	152
2	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
3	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
4	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
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	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
7	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
8	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
9	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
10	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
11	Lamin aggregation is an early sensor of porphyria-induced liver injury. <i>Journal of Cell Science</i> , 2013, 126, 3105-12.	2.0	32
12	IL-6 and Mouse Oocyte Spindle. <i>PLoS ONE</i> , 2012, 7, e35535.	2.5	30
13	Loss of hepatocyte β -catenin protects mice from experimental porphyria-associated liver injury. <i>Journal of Hepatology</i> , 2019, 70, 108-117.	3.7	29
14	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
15	Myeloperoxidase interaction with peroxynitrite: chloride deficiency and heme depletion. <i>Free Radical Biology and Medicine</i> , 2009, 47, 431-439.	2.9	25
16	Melatonin prevents hypochlorous acid-mediated cyanocobalamin destruction and cyanogen chloride generation. <i>Journal of Pineal Research</i> , 2018, 64, e12463.	7.4	23
17	Peroxyntirite 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
18	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

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19	A precursorâ€inducible zebrafish model of acute protoporphyria with hepatic protein aggregation and multiorganelle stress. <i>FASEB Journal</i> , 2016, 30, 1798-1810.	0.5	21
20	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
21	Kinetic Studies on the Reaction between Dicyanocobinamide and Hypochlorous Acid. <i>PLoS ONE</i> , 2014, 9, e110595.	2.5	14
22	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
23	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
24	Melatonin Can Mediate Its Vascular Protective Effect by Modulating Free Iron Level by Inhibiting Hypochlorous Acidâ€Mediated Hemoprotein Heme Destruction. <i>Hypertension</i> , 2011, 57, e22; author reply e23.	2.7	11
25	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
26	PP2 protects from keratin mutationâ€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
27	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
28	Acitretin mitigates uroporphyrin-induced bone defects in congenital erythropoietic porphyria models. <i>Scientific Reports</i> , 2021, 11, 9601.	3.3	2
29	Ethanol and Acetaminophen Synergistically Induce Hepatic Aggregation and TCH346-Insensitive Nuclear Translocation of GAPDH. <i>PLoS ONE</i> , 2016, 11, e0160982.	2.5	2
30	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
31	Potent antioxidative activity of lycopene: a potential role in scavenging hypochlorous acid. <i>FASEB Journal</i> , 2010, 24, 92.1.	0.5	0
32	Melatonin can attenuate HOClâ€mediated hemolysis, free iron release and heme degradation from hemoglobin. <i>FASEB Journal</i> , 2012, 26, 641.13.	0.5	0
33	Porphyrin Nanostructures Modulates Its Protein Aggregation Ability via Differential Oxidation and Protein Binding. <i>FASEB Journal</i> , 2019, 33, 784.13.	0.5	0