Naihao Lu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8777644/publications.pdf

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51	1,018	361413	501196
papers	citations	20	28
		h-index	g-index

51	51	51	1515
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Binding of Human Serum Albumin to Single-Walled Carbon Nanotubes Activated Neutrophils to Increase Production of Hypochlorous Acid, the Oxidant Capable of Degrading Nanotubes. Chemical Research in Toxicology, 2014, 27, 1070-1077.	3.3	65
2	Nano titanium dioxide photocatalytic protein tyrosine nitration: A potential hazard of TiO2 on skin. Biochemical and Biophysical Research Communications, 2008, 370, 675-680.	2.1	52
3	Oxidative and nitrative modifications of Î±-enolase in cardiac proteins from diabetic rats. Free Radical Biology and Medicine, 2010, 48, 873-881.	2.9	46
4	Anti- and pro-oxidant effects of (+)-catechin on hemoglobin-induced protein oxidative damage. Toxicology in Vitro, 2011, 25, 833-838.	2.4	43
5	Myeloperoxidase amplified high glucose-induced endothelial dysfunction in vasculature: Role of NADPH oxidase and hypochlorous acid. Biochemical and Biophysical Research Communications, 2017, 484, 572-578.	2.1	43
6	Inhibitive Effects of Quercetin on Myeloperoxidase-Dependent Hypochlorous Acid Formation and Vascular Endothelial Injury. Journal of Agricultural and Food Chemistry, 2018, 66, 4933-4940.	5.2	42
7	Iridium-Catalyzed Regioselective Synthesis of Trifluoromethylated Isocoumarins through Annulation of Benzoic Acids with Trifluoromethylated Alkynes. Organic Letters, 2019, 21, 3043-3047.	4.6	42
8	Quercetin suppressed NADPH oxidase-derived oxidative stress via heme oxygenase-1 induction in macrophages. Archives of Biochemistry and Biophysics, 2019, 671, 69-76.	3.0	37
9	Adsorption of Plasma Proteins on Single-Walled Carbon Nanotubes Reduced Cytotoxicity and Modulated Neutrophil Activation. Chemical Research in Toxicology, 2018, 31, 1061-1068.	3.3	34
10	Inhibition of Myeloperoxidase- and Neutrophil-Mediated Hypochlorous Acid Formation in Vitro and Endothelial Cell Injury by (â^')-Epigallocatechin Gallate. Journal of Agricultural and Food Chemistry, 2017, 65, 3198-3203.	5.2	29
11	Quercetin Inhibited Endothelial Dysfunction and Atherosclerosis in Apolipoprotein E-Deficient Mice: Critical Roles for NADPH Oxidase and Heme Oxygenase-1. Journal of Agricultural and Food Chemistry, 2020, 68, 10875-10883.	5.2	29
12	Directing-Group-Assisted Transition-Metal-Catalyzed Direct Câ€“H Oxidative Annulation of Arenes with Alkynes for Facile Construction of Various Oxygen Heterocycles. Synthesis, 2020, 52, 993-1006.	2.3	26
13	Myeloperoxidase-mediated oxidation targets serum apolipoprotein A-I in diabetic patients and represents a potential mechanism leading to impaired anti-apoptotic activity of high density lipoprotein. Clinica Chimica Acta, 2015, 441, 163-170.	1.1	24
14	NADPH oxidase-dependent degradation of single-walled carbon nanotubes in macrophages. Journal of Materials Science: Materials in Medicine, 2017, 28, 7.	3.6	24
15	Generation of a Diligand Complex of Bovine Serum Albumin with Quercetin and Carbon Nanotubes for the Protection of Bioactive Quercetin and Reduction of Cytotoxicity. Journal of Agricultural and Food Chemistry, 2018, 66, 8355-8362.	5.2	24
16	Adsorption of human serum albumin on functionalized single-walled carbon nanotubes reduced cytotoxicity. Chemico-Biological Interactions, 2018, 295, 64-72.	4.0	23
17	High glucose induced human umbilical vein endothelial cell injury: involvement of protein tyrosine nitration. Molecular and Cellular Biochemistry, 2008, 311, 19-29.	3.1	22
18	Effects of glutathione, Trolox and desferrioxamine on hemoglobin-induced protein oxidative damage: Anti-oxidant or pro-oxidant?. European Journal of Pharmacology, 2011, 659, 95-101.	3.5	22

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19	Supplementation of dietary nitrate attenuated oxidative stress and endothelial dysfunction in diabetic vasculature through inhibition of NADPH oxidase. Nitric Oxide - Biology and Chemistry, 2020, 96, 54-63.	2.7	22
20	Nitrative and oxidative modifications of enolase are associated with iron in iron-overload rats and in vitro. Journal of Biological Inorganic Chemistry, 2011, 16, 481-490.	2.6	21
21	Quercetin, but not rutin, attenuated hydrogen peroxide-induced cell damage via heme oxygenase-1 induction in endothelial cells. Archives of Biochemistry and Biophysics, 2019, 676, 108157.	3.0	21
22	Quercetin Attenuated Myeloperoxidase-Dependent HOCl Generation and Endothelial Dysfunction in Diabetic Vasculature. Journal of Agricultural and Food Chemistry, 2021, 69, 404-413.	5.2	20
23	Nitriteâ€“glucoseâ€“glucose oxidase system directly induces rat heart homogenate oxidation and tyrosine nitration: Effects of some flavonoids. Toxicology in Vitro, 2009, 23, 627-633.	2.4	19
24	Formation of a bovine serum albumin diligand complex with rutin and single-walled carbon nanotubes for the reduction of cytotoxicity. Biophysical Chemistry, 2020, 256, 106268.	2.8	18
25	Nitrite attenuated peroxynitrite and hypochlorite generation in activated neutrophils. European Journal of Pharmacology, 2016, 775, 50-56.	3.5	17
26	Tyrosine can protect against oxidative stress through ferryl hemoglobin reduction. Toxicology in Vitro, 2014, 28, 847-855.	2.4	15
27	Key roles of Arg5, Tyr10 and His residues in Aî²â€“heme peroxidase: Relevance to Alzheimerâ€™s disease. Biochemical and Biophysical Research Communications, 2014, 452, 676-681.	2.1	15
28	Binding of human IgG to single-walled carbon nanotubes accelerated myeloperoxidase-mediated degradation in activated neutrophils. Biophysical Chemistry, 2016, 218, 36-41.	2.8	15
29	Fibrinogen binding-dependent cytotoxicity and degradation of single-walled carbon nanotubes. Journal of Materials Science: Materials in Medicine, 2018, 29, 115.	3.6	15
30	Nitric oxide protected against NADPH oxidase-derived superoxide generation in vascular endothelium: Critical role for heme oxygenase-1. International Journal of Biological Macromolecules, 2019, 126, 549-554.	7.5	15
31	The dual effects of nitrite on hemoglobin-dependent redox reactions. Nitric Oxide - Biology and Chemistry, 2014, 40, 1-9.	2.7	13
32	Inhibition of myeloperoxidase-mediated oxidative damage by nitrite in SH-SY5Y cells: Relevance to neuroprotection in neurodegenerative diseases. European Journal of Pharmacology, 2016, 780, 142-147.	3.5	13
33	NADPH oxidase is a primary target for antioxidant effects by inorganic nitrite in lipopolysaccharide-induced oxidative stress in mice and in macrophage cells. Nitric Oxide - Biology and Chemistry, 2019, 89, 46-53.	2.7	13
34	Dietary nitrate attenuated endothelial dysfunction and atherosclerosis in apolipoprotein E knockout mice fed a high-fat diet: A critical role for NADPH oxidase. Archives of Biochemistry and Biophysics, 2020, 689, 108453.	3.0	13
35	Effects of rutin on the redox reactions of hemoglobin. International Journal of Biological Macromolecules, 2016, 89, 175-180.	7.5	12
36	The interaction between desferrioxamine and hemin: A potential toxicological implication. Toxicology in Vitro, 2012, 26, 732-735.	2.4	11

#	Article	IF	Citations
37	Inhibitory effect of human serum albumin on Cu-induced AÎ²40 aggregation and toxicity. European Journal of Pharmacology, 2015, 767, 160-164.	3.5	11
38	Formation of a bovine serum albumin diligand complex with rutin for the suppression of heme toxicity. Biophysical Chemistry, 2020, 258, 106327.	2.8	11
39	Completely Different Effects of Desferrioxamine on Hemin/Nitrite/H2O2-Induced Bovine Serum Albumin Nitration and Oxidation. Chemical Research in Toxicology, 2008, 21, 1229-1234.	3.3	10
40	Key roles of Tyr 10 in Cu bound AÎ² complexes and its relevance to Alzheimer's disease. Archives of Biochemistry and Biophysics, 2015, 584, 1-9.	3.0	10
41	Effects of serum albumin on the degradation and cytotoxicity of single-walled carbon nanotubes. Biophysical Chemistry, 2017, 222, 1-6.	2.8	10
42	Key Roles for Tyrosine 10 in AÎ²â€“Heme Complexes and Its Relevance to Oxidative Stress. Chemical Research in Toxicology, 2015, 28, 365-372.	3.3	9
43	Phosphine-Free Ru-Catalyzed Regio- and Stereoselective Addition of Benzoic Acids to Trifluoromethylated Alkynes toward Facile Access to Trifluoromethyl Group-Substituted (E)-Enol Esters. ACS Omega, 2020, 5, 4158-4166.	3.5	7
44	Myeloperoxidase Targets Apolipoprotein A-I for Site-Specific Tyrosine Chlorination in Atherosclerotic Lesions and Generates Dysfunctional High-Density Lipoprotein. Chemical Research in Toxicology, 2021, 34, 1672-1680.	3.3	7
45	Nitrative modifications of Î±-enolase in hepatic proteins from diabetic rats: The involvement of myeloperoxidase. Chemico-Biological Interactions, 2014, 220, 12-19.	4.0	6
46	Generation of a Bovine Serum Albuminâ€“Diligand Complex for the Protection of Bioactive Quercetin and Suppression of Heme Toxicity. Chemical Research in Toxicology, 2021, 34, 920-928.	3.3	6
47	Bovine Serum Albumin as a Potential Carrier for the Protection of Bioactive Quercetin and Inhibition of Cu(II) Toxicity. Chemical Research in Toxicology, 2022, 35, 529-537.	3.3	5
48	Enhancement of nitrite on heme-induced oxidative reactions: A potential toxicological implication. Toxicology in Vitro, 2012, 26, 81-85.	2.4	4
49	Nitrite attenuated hypochlorous acid-mediated heme degradation in hemoglobin. Chemico-Biological Interactions, 2015, 238, 25-32.	4.0	3
50	Peroxynitrite and heme protein â€“ Mediated nitrative/oxidative modification of human plasma protein: The role of free radical scavenging vs. complex forming. Toxicology in Vitro, 2009, 23, 1227-1233.	2.4	2
51	Effects of pharmacological ascorbate on hemoglobin-induced cancer cell proliferation. International Journal of Biological Macromolecules, 2016, 92, 1215-1219.	7.5	2