

Naihao Lu

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,018
citations

361413

20
h-index

501196

28
g-index

51
all docs

51
docs citations

51
times ranked

1515
citing authors

#	ARTICLE	IF	CITATIONS
1	Bovine Serum Albumin as a Potential Carrier for the Protection of Bioactive Quercetin and Inhibition of Cu(II) Toxicity. <i>Chemical Research in Toxicology</i> , 2022, 35, 529-537.	3.3	5
2	Quercetin Attenuated Myeloperoxidase-Dependent HOCl Generation and Endothelial Dysfunction in Diabetic Vasculature. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 404-413.	5.2	20
3	Generation of a Bovine Serum Albumin-Diligand Complex for the Protection of Bioactive Quercetin and Suppression of Heme Toxicity. <i>Chemical Research in Toxicology</i> , 2021, 34, 920-928.	3.3	6
4	Myeloperoxidase Targets Apolipoprotein A-I for Site-Specific Tyrosine Chlorination in Atherosclerotic Lesions and Generates Dysfunctional High-Density Lipoprotein. <i>Chemical Research in Toxicology</i> , 2021, 34, 1672-1680.	3.3	7
5	Formation of a bovine serum albumin diligand complex with rutin and single-walled carbon nanotubes for the reduction of cytotoxicity. <i>Biophysical Chemistry</i> , 2020, 256, 106268.	2.8	18
6	Quercetin Inhibited Endothelial Dysfunction and Atherosclerosis in Apolipoprotein E-Deficient Mice: Critical Roles for NADPH Oxidase and Heme Oxygenase-1. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 10875-10883.	5.2	29
7	Dietary nitrate attenuated endothelial dysfunction and atherosclerosis in apolipoprotein E knockout mice fed a high-fat diet: A critical role for NADPH oxidase. <i>Archives of Biochemistry and Biophysics</i> , 2020, 689, 108453.	3.0	13
8	Directing-Group-Assisted Transition-Metal-Catalyzed Direct C-H Oxidative Annulation of Arenes with Alkynes for Facile Construction of Various Oxygen Heterocycles. <i>Synthesis</i> , 2020, 52, 993-1006.	2.3	26
9	Phosphine-Free Ru-Catalyzed Regio- and Stereoselective Addition of Benzoic Acids to Trifluoromethylated Alkynes toward Facile Access to Trifluoromethyl Group-Substituted (<i>E</i>)-Enol Esters. <i>ACS Omega</i> , 2020, 5, 4158-4166.	3.5	7
10	Formation of a bovine serum albumin diligand complex with rutin for the suppression of heme toxicity. <i>Biophysical Chemistry</i> , 2020, 258, 106327.	2.8	11
11	Supplementation of dietary nitrate attenuated oxidative stress and endothelial dysfunction in diabetic vasculature through inhibition of NADPH oxidase. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 96, 54-63.	2.7	22
12	Quercetin suppressed NADPH oxidase-derived oxidative stress via heme oxygenase-1 induction in macrophages. <i>Archives of Biochemistry and Biophysics</i> , 2019, 671, 69-76.	3.0	37
13	Quercetin, but not rutin, attenuated hydrogen peroxide-induced cell damage via heme oxygenase-1 induction in endothelial cells. <i>Archives of Biochemistry and Biophysics</i> , 2019, 676, 108157.	3.0	21
14	NADPH oxidase is a primary target for antioxidant effects by inorganic nitrite in lipopolysaccharide-induced oxidative stress in mice and in macrophage cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 89, 46-53.	2.7	13
15	Iridium-Catalyzed Regioselective Synthesis of Trifluoromethylated Isocoumarins through Annulation of Benzoic Acids with Trifluoromethylated Alkynes. <i>Organic Letters</i> , 2019, 21, 3043-3047.	4.6	42
16	Nitric oxide protected against NADPH oxidase-derived superoxide generation in vascular endothelium: Critical role for heme oxygenase-1. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 549-554.	7.5	15
17	Inhibitive Effects of Quercetin on Myeloperoxidase-Dependent Hypochlorous Acid Formation and Vascular Endothelial Injury. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4933-4940.	5.2	42
18	Adsorption of human serum albumin on functionalized single-walled carbon nanotubes reduced cytotoxicity. <i>Chemico-Biological Interactions</i> , 2018, 295, 64-72.	4.0	23

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19	Adsorption of Plasma Proteins on Single-Walled Carbon Nanotubes Reduced Cytotoxicity and Modulated Neutrophil Activation. <i>Chemical Research in Toxicology</i> , 2018, 31, 1061-1068.	3.3	34
20	Generation of a Diligand Complex of Bovine Serum Albumin with Quercetin and Carbon Nanotubes for the Protection of Bioactive Quercetin and Reduction of Cytotoxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8355-8362.	5.2	24
21	Fibrinogen binding-dependent cytotoxicity and degradation of single-walled carbon nanotubes. <i>Journal of Materials Science: Materials in Medicine</i> , 2018, 29, 115.	3.6	15
22	Myeloperoxidase amplified high glucose-induced endothelial dysfunction in vasculature: Role of NADPH oxidase and hypochlorous acid. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 572-578.	2.1	43
23	Inhibition of Myeloperoxidase- and Neutrophil-Mediated Hypochlorous Acid Formation in Vitro and Endothelial Cell Injury by (âˆ“)Epigallocatechin Gallate. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3198-3203.	5.2	29
24	Effects of serum albumin on the degradation and cytotoxicity of single-walled carbon nanotubes. <i>Biophysical Chemistry</i> , 2017, 222, 1-6.	2.8	10
25	NADPH oxidase-dependent degradation of single-walled carbon nanotubes in macrophages. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 7.	3.6	24
26	Inhibition of myeloperoxidase-mediated oxidative damage by nitrite in SH-SY5Y cells: Relevance to neuroprotection in neurodegenerative diseases. <i>European Journal of Pharmacology</i> , 2016, 780, 142-147.	3.5	13
27	Effects of rutin on the redox reactions of hemoglobin. <i>International Journal of Biological Macromolecules</i> , 2016, 89, 175-180.	7.5	12
28	Binding of human IgG to single-walled carbon nanotubes accelerated myeloperoxidase-mediated degradation in activated neutrophils. <i>Biophysical Chemistry</i> , 2016, 218, 36-41.	2.8	15
29	Effects of pharmacological ascorbate on hemoglobin-induced cancer cell proliferation. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 1215-1219.	7.5	2
30	Nitrite attenuated peroxynitrite and hypochlorite generation in activated neutrophils. <i>European Journal of Pharmacology</i> , 2016, 775, 50-56.	3.5	17
31	Inhibitory effect of human serum albumin on Cu-induced AÎ²40 aggregation and toxicity. <i>European Journal of Pharmacology</i> , 2015, 767, 160-164.	3.5	11
32	Nitrite attenuated hypochlorous acid-mediated heme degradation in hemoglobin. <i>Chemico-Biological Interactions</i> , 2015, 238, 25-32.	4.0	3
33	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. <i>Clinica Chimica Acta</i> , 2015, 441, 163-170.	1.1	24
34	Key roles of Tyr 10 in Cu bound AÎ² complexes and its relevance to Alzheimer's disease. <i>Archives of Biochemistry and Biophysics</i> , 2015, 584, 1-9.	3.0	10
35	Key Roles for Tyrosine 10 in AÎ²â€œHeme Complexes and Its Relevance to Oxidative Stress. <i>Chemical Research in Toxicology</i> , 2015, 28, 365-372.	3.3	9
36	Tyrosine can protect against oxidative stress through ferryl hemoglobin reduction. <i>Toxicology in Vitro</i> , 2014, 28, 847-855.	2.4	15

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37	Key roles of Arg5, Tyr10 and His residues in Al^{2+} heme peroxidase: Relevance to Alzheimer's disease. <i>Biochemical and Biophysical Research Communications</i> , 2014, 452, 676-681.	2.1	15
38	The dual effects of nitrite on hemoglobin-dependent redox reactions. <i>Nitric Oxide - Biology and Chemistry</i> , 2014, 40, 1-9.	2.7	13
39	Nitrative modifications of $\text{L}\alpha$ -enolase in hepatic proteins from diabetic rats: The involvement of myeloperoxidase. <i>Chemico-Biological Interactions</i> , 2014, 220, 12-19.	4.0	6
40	Binding of Human Serum Albumin to Single-Walled Carbon Nanotubes Activated Neutrophils to Increase Production of Hypochlorous Acid, the Oxidant Capable of Degrading Nanotubes. <i>Chemical Research in Toxicology</i> , 2014, 27, 1070-1077.	3.3	65
41	Enhancement of nitrite on heme-induced oxidative reactions: A potential toxicological implication. <i>Toxicology in Vitro</i> , 2012, 26, 81-85.	2.4	4
42	The interaction between desferrioxamine and hemin: A potential toxicological implication. <i>Toxicology in Vitro</i> , 2012, 26, 732-735.	2.4	11
43	Anti- and pro-oxidant effects of (+)-catechin on hemoglobin-induced protein oxidative damage. <i>Toxicology in Vitro</i> , 2011, 25, 833-838.	2.4	43
44	Effects of glutathione, Trolox and desferrioxamine on hemoglobin-induced protein oxidative damage: Anti-oxidant or pro-oxidant?. <i>European Journal of Pharmacology</i> , 2011, 659, 95-101.	3.5	22
45	Nitrative and oxidative modifications of enolase are associated with iron in iron-overload rats and in vitro. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 481-490.	2.6	21
46	Oxidative and nitrative modifications of $\text{L}\alpha$ -enolase in cardiac proteins from diabetic rats. <i>Free Radical Biology and Medicine</i> , 2010, 48, 873-881.	2.9	46
47	Nitrite-glucose-glucose oxidase system directly induces rat heart homogenate oxidation and tyrosine nitration: Effects of some flavonoids. <i>Toxicology in Vitro</i> , 2009, 23, 627-633.	2.4	19
48	Peroxynitrite and heme protein mediated nitrative/oxidative modification of human plasma protein: The role of free radical scavenging vs. complex forming. <i>Toxicology in Vitro</i> , 2009, 23, 1227-1233.	2.4	2
49	High glucose induced human umbilical vein endothelial cell injury: involvement of protein tyrosine nitration. <i>Molecular and Cellular Biochemistry</i> , 2008, 311, 19-29.	3.1	22
50	Completely Different Effects of Desferrioxamine on Hemin/Nitrite/ H_2O_2 -Induced Bovine Serum Albumin Nitration and Oxidation. <i>Chemical Research in Toxicology</i> , 2008, 21, 1229-1234.	3.3	10
51	Nano titanium dioxide photocatalytic protein tyrosine nitration: A potential hazard of TiO_2 on skin. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 675-680.	2.1	52