Kaixun Huang

List of Publications by Year
in descending order

32 papers	1,201 citations	471509 17 h-index	414414 32 g-index
32 all docs	32 docs citations	32 times ranked	1891 citing authors

#	Article	IF	Citations
1	Diphenyl diselenide ameliorates diabetic nephropathy in streptozotocin-induced diabetic rats via suppressing oxidative stress and inflammation. Chemico-Biological Interactions, 2021, 338, 109427.	4.0	14
2	Hepatic Proteomic Analysis of Selenoprotein T Knockout Mice by TMT: Implications for the Role of Selenoprotein T in Glucose and Lipid Metabolism. International Journal of Molecular Sciences, 2021, 22, 8515.	4.1	6
3	Diphenyl diselenide alleviates diabetic peripheral neuropathy in rats with streptozotocin-induced diabetes by modulating oxidative stress. Biochemical Pharmacology, 2020, 182, 114221.	4.4	23
4	Selenoprotein F knockout leads to glucose and lipid metabolism disorders in mice. Journal of Biological Inorganic Chemistry, 2020, 25, 1009-1022.	2.6	23
5	Fabrication of double-sided comb-like F/Ce co-doped BiVO4 micro/nanostructures for enhanced photocatalytic degradation and water oxidation. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	14
6	Hepatic proteomic analysis of selenoprotein F knockout mice by iTRAQ: An implication for the roles of selenoprotein F in metabolism and diseases. Journal of Proteomics, 2020, 215, 103653.	2.4	14
7	Square CdS Micro/Nanosheets as Efficient Photo/Piezo-bi-Catalyst for Hydrogen Production. Catalysis Letters, 2020, 150, 3059-3070.	2.6	24
8	MnO2-DNAzyme-photosensitizer nanocomposite with AIE characteristic for cell imaging and photodynamic-gene therapy. Talanta, 2019, 202, 591-599.	5.5	44
9	Analyte-responsive fluorescent probes with AIE characteristic based on the change of covalent bond. Science China Materials, 2019, 62, 1236-1250.	6.3	19
10	AIEgens/Nucleic Acid Nanostructures for Bioanalytical Applications. Chemistry - an Asian Journal, 2019, 14, 689-699.	3.3	12
11	Photocatalysis of several organic dyes by a hierarchical Ag2V4O11 microâ€“nanostructures. Journal of Materials Science: Materials in Electronics, 2018, 29, 8068-8077.	2.2	4
12	Prospecting for Microelement Function and Biosafety Assessment of Transgenic Cereal Plants. Frontiers in Plant Science, 2018, 9, 326.	3.6	5
13	DNA-Conjugated Amphiphilic Aggregation-Induced Emission Probe for Cancer Tissue Imaging and Prognosis Analysis. Analytical Chemistry, 2018, 90, 8162-8169.	6.5	64
14	Hepatic AMP Kinase as a Potential Target for Treating Nonalcoholic Fatty Liver Disease: Evidence from Studies of Natural Products. Current Medicinal Chemistry, 2018, 25, 889-907.	2.4	34
15	Selenium in the prevention of atherosclerosis and its underlying mechanisms. Metallomics, 2017, 9, 21-37.	2.4	101
16	Ptâ€“Se nanostructures with oxidase-like activity and their application in a selective colorimetric assay for mercury(II). Journal of Materials Science, 2017, 52, 10738-10750.	3.7	39
17	Selenoprotein R Protects Human Lens Epithelial Cells against D-Galactose-Induced Apoptosis by Regulating Oxidative Stress and Endoplasmic Reticulum Stress. International Journal of Molecular Sciences, 2016, 17, 231.	4.1	25
18	Selenoprotein Gene Nomenclature. Journal of Biological Chemistry, 2016, 291, 24036-24040.	3.4	207

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19	Selenite and ebselen supplementation attenuates d-galactose-induced oxidative stress and increases expression of SELR and SEP15 in rat lens. Journal of Biological Inorganic Chemistry, 2016, 21, 1037-1046.	2.6	6
20	Biocompatibility selenium nanoparticles with an intrinsic oxidase-like activity. Journal of Nanoparticle Research, 2016, 18, 1.	1.9	44
21	Knockdown of 15-kDa selenoprotein (Sep15) increases hLE cellsâ€™ susceptibility to tunicamycin-induced apoptosis. Journal of Biological Inorganic Chemistry, 2015, 20, 1307-1317.	2.6	9
22	Hypoglycemic activity and potential mechanism of a polysaccharide from the loach in streptozotocin-induced diabetic mice. Carbohydrate Polymers, 2015, 121, 199-206.	10.2	41
23	Rehmannia glutinosa (Gaertn.) DC. polysaccharide ameliorates hyperglycemia, hyperlipemia and vascular inflammation in streptozotocin-induced diabetic mice. Journal of Ethnopharmacology, 2015, 164, 229-238.	4.1	93
24	Selenite exacerbates hepatic insulin resistance in mouse model of type 2 diabetes through oxidative stress-mediated JNK pathway. Toxicology and Applied Pharmacology, 2015, 289, 409-418.	2.8	37
25	Catalpol ameliorates high-fat diet-induced insulin resistance and adipose tissue inflammation by suppressing the JNK and NF-ÎºB pathways. Biochemical and Biophysical Research Communications, 2015, 467, 853-858.	2.1	78
26	Organoselenium Small Molecules and Chromium(III) Complexes for Intervention in Chronic Low-grade Inflammation and Type 2 Diabetes. Current Topics in Medicinal Chemistry, 2015, 16, 823-834.	2.1	18
27	Effect of methionine sulfoxide reductase B1 (SelR) gene silencing on peroxynitrite-induced F-actin disruption in human lens epithelial cells. Biochemical and Biophysical Research Communications, 2014, 443, 876-881.	2.1	12
28	Rapid and Efficient Removal of Cationic Dyes by Magnetic Chitosan Adsorbent Modified with EDTA. Separation Science and Technology, 2014, 49, 2049-2059.	2.5	14
29	Selenium and diabetesâ€”Evidence from animal studies. Free Radical Biology and Medicine, 2013, 65, 1548-1556.	2.9	162
30	MnV2O6â‹…V2O5 cross-like nanobelt arrays: synthesis, characterization and photocatalytic properties. Applied Physics A: Materials Science and Processing, 2013, 112, 901-909.	2.3	12
31	Preparation of chelating polymer grafted magnetic adsorbent and its application for removal of Pb(II) ions. Journal Wuhan University of Technology, Materials Science Edition, 2011, 26, 1108-1113.	1.0	1
32	Effects of alloxan-induced diabetes on the expression of insulin signal transmission molecules. Wuhan University Journal of Natural Sciences, 2009, 14, 447-451.	0.4	2