

Kaixun Huang

List of Publications by Year in descending order

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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	Selenoprotein Gene Nomenclature. <i>Journal of Biological Chemistry</i> , 2016, 291, 24036-24040.	3.4	207
2	Selenium and diabetes—Evidence from animal studies. <i>Free Radical Biology and Medicine</i> , 2013, 65, 1548-1556.	2.9	162
3	Selenium in the prevention of atherosclerosis and its underlying mechanisms. <i>Metallomics</i> , 2017, 9, 21-37.	2.4	101
4	<i>Rehmannia glutinosa</i> (Gaertn.) DC. polysaccharide ameliorates hyperglycemia, hyperlipemia and vascular inflammation in streptozotocin-induced diabetic mice. <i>Journal of Ethnopharmacology</i> , 2015, 164, 229-238.	4.1	93
5	Catalpol ameliorates high-fat diet-induced insulin resistance and adipose tissue inflammation by suppressing the JNK and NF- κ B pathways. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 853-858.	2.1	78
6	DNA-Conjugated Amphiphilic Aggregation-Induced Emission Probe for Cancer Tissue Imaging and Prognosis Analysis. <i>Analytical Chemistry</i> , 2018, 90, 8162-8169.	6.5	64
7	Biocompatibility selenium nanoparticles with an intrinsic oxidase-like activity. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	44
8	MnO ₂ -DNAzyme-photosensitizer nanocomposite with AIE characteristic for cell imaging and photodynamic-gene therapy. <i>Talanta</i> , 2019, 202, 591-599.	5.5	44
9	Hypoglycemic activity and potential mechanism of a polysaccharide from the loach in streptozotocin-induced diabetic mice. <i>Carbohydrate Polymers</i> , 2015, 121, 199-206.	10.2	41
10	Pt- ¹⁰⁸ Se nanostructures with oxidase-like activity and their application in a selective colorimetric assay for mercury(II). <i>Journal of Materials Science</i> , 2017, 52, 10738-10750.	3.7	39
11	Selenite exacerbates hepatic insulin resistance in mouse model of type 2 diabetes through oxidative stress-mediated JNK pathway. <i>Toxicology and Applied Pharmacology</i> , 2015, 289, 409-418.	2.8	37
12	Hepatic AMP Kinase as a Potential Target for Treating Nonalcoholic Fatty Liver Disease: Evidence from Studies of Natural Products. <i>Current Medicinal Chemistry</i> , 2018, 25, 889-907.	2.4	34
13	Selenoprotein R Protects Human Lens Epithelial Cells against D-Galactose-Induced Apoptosis by Regulating Oxidative Stress and Endoplasmic Reticulum Stress. <i>International Journal of Molecular Sciences</i> , 2016, 17, 231.	4.1	25
14	Square CdS Micro/Nanosheets as Efficient Photo/Piezo-bi-Catalyst for Hydrogen Production. <i>Catalysis Letters</i> , 2020, 150, 3059-3070.	2.6	24
15	Diphenyl diselenide alleviates diabetic peripheral neuropathy in rats with streptozotocin-induced diabetes by modulating oxidative stress. <i>Biochemical Pharmacology</i> , 2020, 182, 114221.	4.4	23
16	Selenoprotein F knockout leads to glucose and lipid metabolism disorders in mice. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 1009-1022.	2.6	23
17	Analyte-responsive fluorescent probes with AIE characteristic based on the change of covalent bond. <i>Science China Materials</i> , 2019, 62, 1236-1250.	6.3	19
18	Organoselenium Small Molecules and Chromium(III) Complexes for Intervention in Chronic Low-grade Inflammation and Type 2 Diabetes. <i>Current Topics in Medicinal Chemistry</i> , 2015, 16, 823-834.	2.1	18

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19	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
20	Fabrication of double-sided comb-like F/Ce co-doped BiVO ₄ micro/nanostructures for enhanced photocatalytic degradation and water oxidation. Journal of Nanoparticle Research, 2020, 22, 1.	1.9	14
21	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
22	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
23	MnV ₂ O ₆ •xV ₂ O ₅ cross-like nanobelt arrays: synthesis, characterization and photocatalytic properties. Applied Physics A: Materials Science and Processing, 2013, 112, 901-909.	2.3	12
24	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
25	AI Egens/Nucleic Acid Nanostructures for Bioanalytical Applications. Chemistry - an Asian Journal, 2019, 14, 689-699.	3.3	12
26	Knockdown of 15-kDa selenoprotein (Sep15) increases hLE cells's susceptibility to tunicamycin-induced apoptosis. Journal of Biological Inorganic Chemistry, 2015, 20, 1307-1317.	2.6	9
27	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
28	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
29	Prospecting for Microelement Function and Biosafety Assessment of Transgenic Cereal Plants. Frontiers in Plant Science, 2018, 9, 326.	3.6	5
30	Photocatalysis of several organic dyes by a hierarchical Ag ₂ V ₄ O ₁₁ micro/nanostructures. Journal of Materials Science: Materials in Electronics, 2018, 29, 8068-8077.	2.2	4
31	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
32	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