Jie Xu

List of Publications by Year in descending order

20 papers	1,193 citations	471509 17 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	2148 citing authors

#	Article	IF	Citations
1	Highly efficient and stable perovskite solar cells enabled by low-dimensional perovskitoids. Science Advances, 2022, 8, eabk2722.	10.3	53
2	Hepatic Suppression of Mitochondrial Complex II Assembly Drives Systemic Metabolic Benefits. Advanced Science, 2022, 9, e2105587.	11.2	10
3	Punicalagin Regulates Signaling Pathways in Inflammation-Associated Chronic Diseases. Antioxidants, 2022, 11, 29.	5.1	26
4	Photoinduced Cross Linkable Polymerization of Flexible Perovskite Solar Cells and Modules by Incorporating Benzyl Acrylate. Advanced Functional Materials, 2022, 32, .	14.9	32
5	Htd2 deficiency-associated suppression of Î±-lipoic acid production provokes mitochondrial dysfunction and insulin resistance in adipocytes. Redox Biology, 2021, 41, 101948.	9.0	11
6	Impermeable inorganic â€œwallsâ€•sandwiching perovskite layer toward inverted and indoor photovoltaic devices. Nano Energy, 2021, 88, 106286.	16.0	19
7	Graphitic carbon nitride doped SnO₂ enabling efficient perovskite solar cells with PCEs exceeding 22%. Journal of Materials Chemistry A, 2020, 8, 2644-2653.	10.3	98
8	Alternative Organic Spacers for More Efficient Perovskite Solar Cells Containing Ruddlesdenâ€“Popper Phases. Journal of the American Chemical Society, 2020, 142, 19705-19714.	13.7	83
9	Ligand Orientation-Induced Lattice Robustness for Highly Efficient and Stable Tin-Based Perovskite Solar Cells. ACS Energy Letters, 2020, 5, 2327-2334.	17.4	98
10	Conjugated Molecules â€œBridgeâ€• Functional Ligand toward Highly Efficient and Longâ€Term Stable Perovskite Solar Cell. Advanced Functional Materials, 2019, 29, 1808119.	14.9	88
11	Bifunctional Ï€-conjugated ligand assisted stable and efficient perovskite solar cell fabrication via interfacial stitching. Journal of Materials Chemistry A, 2019, 7, 16533-16540.	10.3	29
12	SIRT3/SOD2 maintains osteoblast differentiation and bone formation by regulating mitochondrial stress. Cell Death and Differentiation, 2018, 25, 229-240.	11.2	180
13	Combination of Î²-glucan and Morus alba L. Leaf Extract Promotes Metabolic Benefits in Mice Fed a High-Fat Diet. Nutrients, 2017, 9, 1110.	4.1	22
14	O-GlcNAcase deficiency suppresses skeletal myogenesis and insulin sensitivity in mice through the modulation of mitochondrial homeostasis. Diabetologia, 2016, 59, 1287-1296.	6.3	38
15	Hydroxytyrosol improves mitochondrial function and reduces oxidative stress in the brain of db/db mice: role of AMP-activated protein kinase activation. British Journal of Nutrition, 2015, 113, 1667-1676.	2.3	89
16	Maternal hydroxytyrosol administration improves neurogenesis and cognitive function in prenatally stressed offspring. Journal of Nutritional Biochemistry, 2015, 26, 190-199.	4.2	64
17	Aging Leads to Elevation of O-GlcNAcylation and Disruption of Mitochondrial Homeostasis in Retina. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-11.	4.0	18
18	4-Methylene-2-octyl-5-oxotetrahydrofuran-3-carboxylic Acid (C75), an Inhibitor of Fatty-acid Synthase, Suppresses the Mitochondrial Fatty Acid Synthesis Pathway and Impairs Mitochondrial Function. Journal of Biological Chemistry, 2014, 289, 17184-17194.	3.4	33

#	Article	IF	Citations
19	Hydroxytyrosol prevents diet-induced metabolic syndrome and attenuates mitochondrial abnormalities in obese mice. Free Radical Biology and Medicine, 2014, 67, 396-407.	2.9	151
20	AMPK activation prevents prenatal stress-induced cognitive impairment: Modulation of mitochondrial content and oxidative stress. Free Radical Biology and Medicine, 2014, 75, 156-166.	2.9	48