

Jie Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7112547/publications.pdf>

Version: 2024-02-01

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 | SIRT3/SOD2 maintains osteoblast differentiation and bone formation by regulating mitochondrial stress. <i>Cell Death and Differentiation</i> , 2018, 25, 229-240. | 11.2 | 180 |
| 2 | Hydroxytyrosol prevents diet-induced metabolic syndrome and attenuates mitochondrial abnormalities in obese mice. <i>Free Radical Biology and Medicine</i> , 2014, 67, 396-407. | 2.9 | 151 |
| 3 | Graphitic carbon nitride doped SnO ₂ enabling efficient perovskite solar cells with PCEs exceeding 22%. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2644-2653. | 10.3 | 98 |
| 4 | Ligand Orientation-Induced Lattice Robustness for Highly Efficient and Stable Tin-Based Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2020, 5, 2327-2334. | 17.4 | 98 |
| 5 | Hydroxytyrosol improves mitochondrial function and reduces oxidative stress in the brain of <i>db/db</i> mice: role of AMP-activated protein kinase activation. <i>British Journal of Nutrition</i> , 2015, 113, 1667-1676. | 2.3 | 89 |
| 6 | Conjugated Molecules as Bridge Functional Ligand toward Highly Efficient and Long-Term Stable Perovskite Solar Cell. <i>Advanced Functional Materials</i> , 2019, 29, 1808119. | 14.9 | 88 |
| 7 | Alternative Organic Spacers for More Efficient Perovskite Solar Cells Containing Ruddlesden-Popper Phases. <i>Journal of the American Chemical Society</i> , 2020, 142, 19705-19714. | 13.7 | 83 |
| 8 | Maternal hydroxytyrosol administration improves neurogenesis and cognitive function in prenatally stressed offspring. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 190-199. | 4.2 | 64 |
| 9 | Highly efficient and stable perovskite solar cells enabled by low-dimensional perovskitoids. <i>Science Advances</i> , 2022, 8, eabk2722. | 10.3 | 53 |
| 10 | AMPK activation prevents prenatal stress-induced cognitive impairment: Modulation of mitochondrial content and oxidative stress. <i>Free Radical Biology and Medicine</i> , 2014, 75, 156-166. | 2.9 | 48 |
| 11 | O-GlcNAcase deficiency suppresses skeletal myogenesis and insulin sensitivity in mice through the modulation of mitochondrial homeostasis. <i>Diabetologia</i> , 2016, 59, 1287-1296. | 6.3 | 38 |
| 12 | 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. <i>Journal of Biological Chemistry</i> , 2014, 289, 17184-17194. | 3.4 | 33 |
| 13 | Photoinduced Cross Linkable Polymerization of Flexible Perovskite Solar Cells and Modules by Incorporating Benzyl Acrylate. <i>Advanced Functional Materials</i> , 2022, 32, . | 14.9 | 32 |
| 14 | Bifunctional γ -conjugated ligand assisted stable and efficient perovskite solar cell fabrication via interfacial stitching. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16533-16540. | 10.3 | 29 |
| 15 | Punicalagin Regulates Signaling Pathways in Inflammation-Associated Chronic Diseases. <i>Antioxidants</i> , 2022, 11, 29. | 5.1 | 26 |
| 16 | Combination of β -glucan and <i>Morus alba</i> L. Leaf Extract Promotes Metabolic Benefits in Mice Fed a High-Fat Diet. <i>Nutrients</i> , 2017, 9, 1110. | 4.1 | 22 |
| 17 | Impermeable inorganic walls sandwiching perovskite layer toward inverted and indoor photovoltaic devices. <i>Nano Energy</i> , 2021, 88, 106286. | 16.0 | 19 |
| 18 | Aging Leads to Elevation of O-GlcNAcylation and Disruption of Mitochondrial Homeostasis in Retina. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-11. | 4.0 | 18 |

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|----|---|------|-----------|
| 19 | Htd2 deficiency-associated suppression of $\hat{\pm}$ -lipoic acid production provokes mitochondrial dysfunction and insulin resistance in adipocytes. <i>Redox Biology</i> , 2021, 41, 101948. | 9.0 | 11 |
| 20 | Hepatic Suppression of Mitochondrial Complex II Assembly Drives Systemic Metabolic Benefits. <i>Advanced Science</i> , 2022, 9, e2105587. | 11.2 | 10 |