

Yuyan Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3797992/publications.pdf>

Version: 2024-02-01

14
papers

343
citations

1040056

9
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

454
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A paradigm shift fully self-powered long-distance wireless sensing solution enabled by discharge-induced displacement current. <i>Science Advances</i> , 2021, 7, eabi6751. | 10.3 | 50 |
| 2 | Mrgprs on vagal sensory neurons contribute to bronchoconstriction and airway hyper-responsiveness. <i>Nature Neuroscience</i> , 2018, 21, 324-328. | 14.8 | 46 |
| 3 | Toward self-powered photodetection enabled by triboelectric nanogenerators. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11893-11902. | 5.5 | 45 |
| 4 | A metal-electrode-free, fully integrated, soft triboelectric sensor array for self-powered tactile sensing. <i>Microsystems and Nanoengineering</i> , 2020, 6, 59. | 7.0 | 45 |
| 5 | Recent advances of triboelectric nanogenerator based applications in biomedical systems. <i>EcoMat</i> , 2020, 2, e12049. | 11.9 | 35 |
| 6 | Inductor-Free Output Multiplier for Power Promotion and Management of Triboelectric Nanogenerators toward Self-Powered Systems. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5892-5900. | 8.0 | 30 |
| 7 | In vitro exploration of ACAT contributions to lipid droplet formation during adipogenesis. <i>Journal of Lipid Research</i> , 2018, 59, 820-829. | 4.2 | 29 |
| 8 | Mrgprs activation is required for chronic itch conditions in mice. <i>Itch (Philadelphia, Pa)</i> , 2017, 2, e9. | 0.2 | 23 |
| 9 | Visualizing the Itch-Sensing Skin Arbors. <i>Journal of Investigative Dermatology</i> , 2021, 141, 1308-1316. | 0.7 | 10 |
| 10 | Pharmacological inhibition of acyl-coenzyme A:cholesterol acyltransferase alleviates obesity and insulin resistance in diet-induced obese mice by regulating food intake. <i>Metabolism: Clinical and Experimental</i> , 2021, 123, 154861. | 3.4 | 9 |
| 11 | MrgprC11 ⁺ sensory neurons mediate glabrous skin itch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 8 |
| 12 | Piceatannol antagonizes lipolysis by promoting autophagy-lysosome-dependent degradation of lipolytic protein clusters in adipocytes. <i>Journal of Nutritional Biochemistry</i> , 2022, 105, 108998. | 4.2 | 8 |
| 13 | Dietary selenate attenuates adiposity and improves insulin sensitivity in high-fat diet-induced obese mice. <i>Journal of Functional Foods</i> , 2015, 17, 33-42. | 3.4 | 5 |
| 14 | Piceatannol Inhibits Lipolysis in Adipocytes by promoting autophagy-lysosome-induced degradation of Lipolytic Proteins. <i>FASEB Journal</i> , 2015, 29, 248.6. | 0.5 | 0 |