

Zi Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4274473/publications.pdf>

Version: 2024-02-01

14
papers

2,162
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

2126
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A design method for low-frequency rotational piezoelectric energy harvesting in micro applications. <i>Microsystem Technologies</i> , 2020, 26, 981-991. | 2.0 | 14 |
| 2 | Biomimetic dynamic membrane (BDM): Fabrication method and roles of carriers and laccase. <i>Chemosphere</i> , 2020, 240, 124882. | 8.2 | 20 |
| 3 | Preparation and nanofiltration properties of thin supported meso-porous ceria membranes. <i>Journal of Membrane Science</i> , 2020, 598, 117781. | 8.2 | 12 |
| 4 | Nanometer-Thick Supported Graphene Oxide Membrane for CO ₂ Capture. <i>ACS Applied Nano Materials</i> , 2020, 3, 6654-6663. | 5.0 | 9 |
| 5 | The Effect of Vanadate, Phosphate, Fluoride Compounds on the Aqueous Corrosion of Magnesium Alloy AZ31 in Dilute Chloride Solutions. <i>Materials</i> , 2020, 13, 1325. | 2.9 | 15 |
| 6 | Closed-loop optimization of fast-charging protocols for batteries with machine learning. <i>Nature</i> , 2020, 578, 397-402. | 27.8 | 470 |
| 7 | A Review on Reverse Osmosis and Nanofiltration Membranes for Water Purification. <i>Polymers</i> , 2019, 11, 1252. | 4.5 | 326 |
| 8 | Corrosion Inhibition of AZ31 Mg Alloy by Aqueous Selenite (SeO ₃ ²⁻). <i>Journal of the Electrochemical Society</i> , 2019, 166, C520-C529. | 2.9 | 27 |
| 9 | Modeling and analysis of a rotational piezoelectric energy harvester with limiters. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 5169-5176. | 1.5 | 12 |
| 10 | Impact Location on a Fan-Ring Shaped High-Stiffened Panel Using Adaptive Energy Compensation Threshold Filtering Method. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1763. | 2.5 | 11 |
| 11 | A Microcrack Location Method Based on Nonlinear S0 Mode Lamb Wave and Probability Scan Positioning Imaging Matrix. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1874. | 2.5 | 3 |
| 12 | Data-driven prediction of battery cycle life before capacity degradation. <i>Nature Energy</i> , 2019, 4, 383-391. | 39.5 | 1,237 |
| 13 | Gas Separation: High Selectivity Gas Separation by Interfacial Diffusion Membranes (<i>Adv. Mater.</i>) Tj ETQq1 1 0.784314 rgBT /Overlock | 3.7 | 0 |
| 14 | High Selectivity Gas Separation by Interfacial Diffusion Membranes. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801273. | 3.7 | 3 |