

Li-Jun Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/872515/publications.pdf>

Version: 2024-02-01

22
papers

252
citations

1163117

8
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

226
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Hydrogen Permeation Behavior of Zirconium Nitride Film on Zirconium Hydride. <i>Materials</i> , 2022, 15, 550. | 2.9 | 4 |
| 2 | Solid state deoxidation of zirconium-oxygen solid solution using a combination of metallic Ca and Y in CaCl ₂ flux. <i>Journal of Alloys and Compounds</i> , 2022, 919, 165809. | 5.5 | 0 |
| 3 | Electrolytic properties and element migration in Ni-TiB ₂ /Al ₂ O ₃ composite cathode. <i>Rare Metals</i> , 2021, 40, 57-64. | 7.1 | 3 |
| 4 | Preparation of Al-Hf master alloy by aluminothermic reduction of HfO ₂ . <i>Rare Metals</i> , 2021, 40, 3645-3650. | 7.1 | 2 |
| 5 | Advance in and prospect of moderator materials for space nuclear reactors. <i>International Journal of Energy Research</i> , 2021, 45, 11493-11509. | 4.5 | 4 |
| 6 | Hydrogen permeation rate of coating zirconium hydride moderator—A prediction model. <i>International Journal of Energy Research</i> , 2021, 45, 14710-14719. | 4.5 | 3 |
| 7 | Thermodynamic modelling of Y-H and Y-Zr-H system aided by first-principles and its application in bulk hydride moderator fabrication. <i>Journal of Nuclear Materials</i> , 2020, 531, 152035. | 2.7 | 11 |
| 8 | Rechargeable High-Capacity Antimony-Aluminum Batteries. <i>Journal of the Electrochemical Society</i> , 2020, 167, 080541. | 2.9 | 8 |
| 9 | The Interaction Force between Scheelite and Scheelite/Fluorite/Calcite Measured Using Atomic Force Microscopy. <i>Journal of Chemistry</i> , 2020, 2020, 1-15. | 1.9 | 1 |
| 10 | Electrochemistry of Hf(IV) in NaCl-KCl-NaF-K ₂ HfF ₆ molten salts. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2020, 27, 1644-1649. | 4.9 | 6 |
| 11 | Sb ₂ Se ₃ nanorods with N-doped reduced graphene oxide hybrids as high-capacity positive electrode materials for rechargeable aluminum batteries. <i>Nanoscale</i> , 2019, 11, 16437-16444. | 5.6 | 38 |
| 12 | Thermodynamic properties of zirconium-oxygen solid solution and its deoxidation in calcium chloride molten salt. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151964. | 5.5 | 4 |
| 13 | Adsorption and desorption properties for rhenium using a kind of weak-base anion resin. <i>Rare Metals</i> , 2018, 37, 707-715. | 7.1 | 21 |
| 14 | Preparation and properties of composite hydrogen permeation barrier on ZrH _{1.8} by sol-gel technique. <i>Surface and Coatings Technology</i> , 2018, 352, 159-165. | 4.8 | 6 |
| 15 | Hydrogen permeation resistance and characterization of Si-Al and Si-Zr composite sol oxide coating on surface of zirconium hydride. <i>Rare Metals</i> , 2017, 36, 55-60. | 7.1 | 8 |
| 16 | Hydrogen desorption behavior of the hydrides of Zr-Y alloys under Ar and CO ₂ atmosphere. <i>Journal of Alloys and Compounds</i> , 2017, 693, 103-109. | 5.5 | 10 |
| 17 | Solid solubility extension and microstructure evolution of cast zirconium yttrium alloy. <i>Rare Metals</i> , 2016, 35, 325-330. | 7.1 | 7 |
| 18 | Solvent extraction of hafnium from thiocyanic acid medium in DIBK-TBP mixed system. <i>Transactions of Nonferrous Metals Society of China</i> , 2012, 22, 1760-1765. | 4.2 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Electrochemical behavior of zirconium in molten NaCl-KCl-K ₂ ZrF ₆ system. Rare Metals, 2011, 30, 8-13. | 7.1 | 34 |
| 20 | Equilibrium and kinetic data of adsorption and separation for zirconium and hafnium onto MIBK extraction resin. Transactions of Nonferrous Metals Society of China, 2010, 20, 1527-1533. | 4.2 | 20 |
| 21 | Influence of oxide layer on hydrogen desorption from zirconium hydride. Journal of Alloys and Compounds, 2009, 469, 142-145. | 5.5 | 37 |
| 22 | Properties of hydrogen permeation barrier on the surface of zirconium hydride. Rare Metals, 2008, 27, 473-478. | 7.1 | 8 |