

Yun Seok Choi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

341
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

496
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Visible-Light Driven Photocatalytic Degradation of Organic Dyes over Ordered Mesoporous Cd _x Zn _{1-x} S Materials. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5137-5144. | 3.1 | 65 |
| 2 | Unveiling the Genesis and Effectiveness of Negative Fading in Nanostructured Iron Oxide Anode Materials for Lithium-Ion Batteries. <i>ACS Nano</i> , 2022, 16, 631-642. | 14.6 | 64 |
| 3 | Mesoporous transition metal dichalcogenide ME ₂ (M = Mo, W; E = S, Se) with 2-D layered crystallinity as anode materials for lithium ion batteries. <i>RSC Advances</i> , 2016, 6, 14253-14260. | 3.6 | 52 |
| 4 | Discovering a Dual-Buffer Effect for Lithium Storage: Durable Nanostructured Ordered Mesoporous Co-Sn Intermetallic Electrodes. <i>Advanced Functional Materials</i> , 2016, 26, 2800-2808. | 14.9 | 50 |
| 5 | Reaction mechanism and additional lithium storage of mesoporous MnO ₂ anode in Li batteries. <i>Journal of Energy Chemistry</i> , 2021, 53, 276-284. | 12.9 | 23 |
| 6 | The effects of nanostructures on lithium storage behavior in Mn ₂ O ₃ anodes for next-generation lithium-ion batteries. <i>Journal of Power Sources</i> , 2021, 493, 229682. | 7.8 | 23 |
| 7 | Nanostructural Uniformity of Ordered Mesoporous Materials: Governing Lithium Storage Behaviors. <i>Small</i> , 2018, 14, e1702985. | 10.0 | 17 |
| 8 | Evidence for the Coexistence of Polysulfide and Conversion Reactions in the Lithium Storage Mechanism of MoS ₂ Anode Material. <i>Chemistry of Materials</i> , 2021, 33, 1935-1945. | 6.7 | 16 |
| 9 | Unveiling the role of micropores in porous carbon for Li-S batteries using operando SAXS. <i>Chemical Communications</i> , 2021, 57, 10500-10503. | 4.1 | 10 |
| 10 | Revealing the unconventional lithium storage mechanism of ordered mesoporous NiO for lithium-ion batteries. <i>Journal of Power Sources</i> , 2022, 526, 231135. | 7.8 | 9 |
| 11 | Triggering anomalous capacity by nanoengineered ordered mesoporous structure for Co ₃ O ₄ anode material in Li-ion rechargeable batteries. <i>Applied Surface Science</i> , 2022, 575, 151744. | 6.1 | 8 |
| 12 | Ring Enlargement of Methylcyclopentane over Pt/(HZSM-48+pseudoboehmite) Catalysts. <i>Catalysts</i> , 2019, 9, 531. | 3.5 | 4 |
| 13 | Batteries: Nanostructural Uniformity of Ordered Mesoporous Materials: Governing Lithium Storage Behaviors (Small 43/2018). <i>Small</i> , 2018, 14, 1870197. | 10.0 | 0 |