

Wonseok Ko

List of Publications by Year in descending order

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papers

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251
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Exceptionally increased reversible capacity of O3-type NaCrO ₂ cathode by preventing irreversible phase transition. Energy Storage Materials, 2022, 46, 289-299. | 18.0 | 17 |
| 2 | Recent Progress of Cathode Materials for Na-ion batteries. Ceramist, 2022, 25, 76-89. | 0.1 | 0 |
| 3 | A high-energy conversion-type cathode activated by amorpholization for Li rechargeable batteries. Journal of Materials Chemistry A, 2022, 10, 20080-20089. | 10.3 | 4 |
| 4 | Highly Stable Fe ²⁺ /Ti ³⁺ -Based Fluoride Cathode Enabling Low-Cost and High-Performance Na-ion Batteries. Advanced Functional Materials, 2022, 32, . | 14.9 | 11 |
| 5 | K _{1.5} VOPO ₄ F _{0.5} : a novel high-power and high-voltage cathode for rechargeable K-ion batteries. Journal of Materials Chemistry A, 2021, 9, 11802-11811. | 10.3 | 8 |
| 6 | An exceptionally large energy cathode with the K ⁺ SO ₄ ²⁻ Cu conversion reaction for potassium rechargeable batteries. Journal of Materials Chemistry A, 2021, 9, 5475-5484. | 10.3 | 3 |
| 7 | Na ₂ Fe ₂ F ₇ : a fluoride-based cathode for high power and long life Na-ion batteries. Energy and Environmental Science, 2021, 14, 1469-1479. | 30.8 | 16 |
| 8 | Low-cost and high-power K ₄ [Mn ₂ Fe](PO ₄) ₂ (P ₂ O ₇) as a novel cathode with outstanding cyclability for K-ion batteries. Journal of Materials Chemistry A, 2021, 9, 9898-9908. | 10.3 | 9 |
| 9 | Selective Anionic Redox and Suppressed Structural Disorder Enabling High-Energy and Long-Life Li-Rich Layered-Oxide Cathode. Advanced Energy Materials, 2021, 11, 2102311. | 19.5 | 25 |
| 10 | Development of a New Mixed-Polyanion Cathode with Superior Electrochemical Performances for Na-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2020, 8, 163-171. | 6.7 | 20 |
| 11 | Exceptionally high-energy tunnel-type V _{1.5} Cr _{0.5} O _{4.5} H nanocomposite as a novel cathode for Na-ion batteries. Nano Energy, 2020, 77, 105175. | 16.0 | 10 |
| 12 | High-power rhombohedral-Fe ₂ (SO ₄) ₃ with outstanding cycle-performance as Fe-based cathode for K-ion batteries. Energy Storage Materials, 2020, 33, 276-282. | 18.0 | 12 |
| 13 | Development of K ₄ Fe ₃ (PO ₄) ₂ (P ₂ O ₇) as a novel Fe-based cathode with high energy densities and excellent cyclability in rechargeable potassium batteries. Energy Storage Materials, 2020, 28, 47-54. | 18.0 | 32 |
| 14 | Development of Novel Cathode with Large Lithium Storage Mechanism Based on Pyrophosphate-Based Conversion Reaction for Rechargeable Lithium Batteries. Small Methods, 2020, 4, 1900847. | 8.6 | 5 |
| 15 | The Conversion Chemistry for High-Energy Cathodes of Rechargeable Sodium Batteries. ACS Nano, 2019, 13, 11707-11716. | 14.6 | 13 |
| 16 | Unveiling yavapaiite-type K Fe(SO ₄) ₂ as a new Fe-based cathode with outstanding electrochemical performance for potassium-ion batteries. Nano Energy, 2019, 66, 104184. | 16.0 | 28 |
| 17 | Development of Na ₂ FePO ₄ F/Conducting-Polymer composite as an exceptionally high performance cathode material for Na-ion batteries. Journal of Power Sources, 2019, 432, 1-7. | 7.8 | 29 |
| 18 | Introduction of New Iron Sulfate Cathode Material for Na-Ion Batteries with Great Power-Capability and out Standing Cyclability. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Monoclinic Na _{2.4} V ₂ (PO ₄) ₃ /Conductive Polymer Composite As High Capacity Cathodes for Na-Ion Batteries. ECS Meeting Abstracts, 2019, , . | 0.0 | 0 |
| 20 | Unexpectedly high electrochemical performances of a monoclinic Na _{2.4} V ₂ (PO ₄) ₃ /conductive polymer composite for Na-ion batteries. Journal of Materials Chemistry A, 2018, 6, 17571-17578. | 10.3 | 19 |
| 21 | Na _{0.97} KFe(SO ₄) ₂ : an iron-based sulfate cathode material with outstanding cyclability and power capability for Na-ion batteries. Journal of Materials Chemistry A, 2018, 6, 17095-17100. | 10.3 | 16 |