

Wonseok Ko

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

277
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933447

10
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940533

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all docs

21
docs citations

21
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of $K_4Fe_3(PO_4)_2(P_2O_7)$ as a novel Fe-based cathode with high energy densities and excellent cyclability in rechargeable potassium batteries. <i>Energy Storage Materials</i> , 2020, 28, 47-54.	18.0	32
2	Development of Na_2FePO_4F /Conducting-Polymer composite as an exceptionally high performance cathode material for Na-ion batteries. <i>Journal of Power Sources</i> , 2019, 432, 1-7.	7.8	29
3	Unveiling yavapaiite-type $KFe(SO_4)_2$ as a new Fe-based cathode with outstanding electrochemical performance for potassium-ion batteries. <i>Nano Energy</i> , 2019, 66, 104184.	16.0	28
4	Selective Anionic Redox and Suppressed Structural Disorder Enabling High-Energy and Long-Life Rich Layered Oxide Cathode. <i>Advanced Energy Materials</i> , 2021, 11, 2102311.	19.5	25
5	Development of a New Mixed-Polyanion Cathode with Superior Electrochemical Performances for Na-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 163-171.	6.7	20
6	Unexpectedly high electrochemical performances of a monoclinic $Na_{2.4}V_2(PO_4)_3$ /conductive polymer composite for Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17571-17578.	10.3	19
7	Exceptionally increased reversible capacity of O3-type $NaCrO_2$ cathode by preventing irreversible phase transition. <i>Energy Storage Materials</i> , 2022, 46, 289-299.	18.0	17
8	$Na_{0.97}KFe(SO_4)_2$: an iron-based sulfate cathode material with outstanding cyclability and power capability for Na-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17095-17100.	10.3	16
9	$Na_2Fe_2F_7$: a fluoride-based cathode for high power and long life Na-ion batteries. <i>Energy and Environmental Science</i> , 2021, 14, 1469-1479.	30.8	16
10	The Conversion Chemistry for High-Energy Cathodes of Rechargeable Sodium Batteries. <i>ACS Nano</i> , 2019, 13, 11707-11716.	14.6	13
11	High-power rhombohedral- $Fe_2(SO_4)_3$ with outstanding cycle-performance as Fe-based cathode for K-ion batteries. <i>Energy Storage Materials</i> , 2020, 33, 276-282.	18.0	12
12	Highly Stable Fe^{2+}/Ti^{3+} -Based Fluoride Cathode Enabling Low-Cost and High-Performance Na-Ion Batteries. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	11
13	Exceptionally high-energy tunnel-type $V_{1.5}Cr_{0.5}O_{4.5}H$ nanocomposite as a novel cathode for Na-ion batteries. <i>Nano Energy</i> , 2020, 77, 105175.	16.0	10
14	Low-cost and high-power $K_4[Mn_2Fe](PO_4)_2(P_2O_7)$ as a novel cathode with outstanding cyclability for K-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9898-9908.	10.3	9
15	$K_{1.5}VOPO_4F_{0.5}$: a novel high-power and high-voltage cathode for rechargeable K-ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11802-11811.	10.3	8
16	Development of Novel Cathode with Large Lithium Storage Mechanism Based on Pyrophosphate-Based Conversion Reaction for Rechargeable Lithium Batteries. <i>Small Methods</i> , 2020, 4, 1900847.	8.6	5
17	A high-energy conversion-type cathode activated by amorpholization for Li rechargeable batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 20080-20089.	10.3	4
18	An exceptionally large energy cathode with the SO_4^{2-} / Cu conversion reaction for potassium rechargeable batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 5475-5484.	10.3	3

#	ARTICLE	IF	CITATIONS
19	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
20	Monoclinic Na ₂ ·4V ₂ (PO ₄) ₃ /Conductive Polymer Composite As High Capacity Cathodes for Na-Ion Batteries. ECS Meeting Abstracts, 2019, , .	0.0	0
21	Recent Progress of Cathode Materials for Na-ion batteries. Ceramist, 2022, 25, 76-89.	0.1	0