

Yang Wang

List of Publications by Year in descending order

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18
papers

441
citations

933447

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794594

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19
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19
docs citations

19
times ranked

542
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of electrochemical reversibility of the Ni-Rich cathode material by gallium doping. <i>Journal of Power Sources</i> , 2020, 445, 227337.	7.8	106
2	Enhanced electrochemical performance of LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ by surface modification with lithium-active MoO ₃ . <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 359-367.	3.8	69
3	Solid-state chemical synthesis of mesoporous γ -Fe ₂ O ₃ nanostructures with enhanced xylene-sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2014, 198, 360-365.	7.8	65
4	One-step hydrothermal synthesis of 2D WO ₃ nanoplates@ graphene nanocomposite with superior anode performance for lithium ion battery. <i>Electrochimica Acta</i> , 2019, 313, 99-108.	5.2	42
5	Studies on electrochemical reversibility of lithium tungstate coated Ni-rich LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ cathode material under high cut-off voltage cycling. <i>Applied Surface Science</i> , 2019, 484, 21-32.	6.1	41
6	High-tap density LiFePO ₄ microsphere developed by combined computational and experimental approaches. <i>CrystEngComm</i> , 2018, 20, 6695-6703.	2.6	17
7	Enhanced electrochemical performance of Li _{1.2} Mn _{0.54} Ni _{0.13} Co _{0.13} O ₂ cathode material coated with Li ⁺ -conductive Li ₂ SiO ₃ for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2017, 724, 991-999.	5.5	15
8	The design of scorodite@FeOOH core-shell materials and its stability treatment for arsenide. <i>Applied Surface Science</i> , 2019, 496, 143719.	6.1	14
9	Preparing Biochars from Cow Hair Waste Produced in a Tannery for Dye Wastewater Treatment. <i>Materials</i> , 2021, 14, 1690.	2.9	14
10	Directed synthesis of TiO ₂ nanorods and their photocatalytic activity. <i>Ceramics International</i> , 2014, 40, 11735-11742.	4.8	13
11	Study on thermodynamic model of arsenic removal from oxidative acid leaching. <i>Journal of Materials Research and Technology</i> , 2020, 9, 3208-3218.	5.8	10
12	The influence of Zn addition on microstructure of an Al-1.7 Cu-4.0 Li-0.4 Mg alloy. <i>Journal of Materials Research and Technology</i> , 2020, 9, 2423-2439.	5.8	8
13	The effect of precursor speciation on the growth of scorodite in an atmospheric scorodite synthesis. <i>Royal Society Open Science</i> , 2020, 7, 191619.	2.4	6
14	Mechanism analysis of the synthesis and growth process of large spindle-shaped scorodite as arsenic immobilization materials. <i>Materials Letters</i> , 2019, 254, 371-374.	2.6	5
15	A novel method to synthesis titanium dioxide(B)/Anatase composite oxides by solid-state chemical reaction routes for promoting Li ⁺ insertion. <i>Results in Physics</i> , 2019, 14, 102451.	4.1	4
16	Design of Scorodite@Fe ₃ O ₄ Core-Shell Materials and the Fe ₃ O ₄ Shell Prevents Leaching of Arsenic from Scorodite in Neutral and Alkaline Environments. <i>Coatings</i> , 2019, 9, 523.	2.6	4
17	The synthesis of calcium arsenate@iron arsenate coating materials and their application for arsenic-containing wastewater treatment. <i>RSC Advances</i> , 2020, 10, 719-723.	3.6	4
18	The Synthesis of the Pomegranate-Shaped γ -Fe ₂ O ₃ Using an In Situ Corrosion Method of Scorodite and Its Gas-Sensitive Property. <i>Nanomaterials</i> , 2019, 9, 977.	4.1	3