

Pengcheng Zhu

List of Publications by Year in descending order

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8
papers

589
citations

1307594
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8
g-index

8
all docs

8
docs citations

8
times ranked

496
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of current collectors for lithium-ion batteries. <i>Journal of Power Sources</i> , 2021, 485, 229321.	7.8	188
2	A qualitative assessment of lithium ion battery recycling processes. <i>Resources, Conservation and Recycling</i> , 2021, 165, 105219.	10.8	146
3	On the Solubility and Stability of Polyvinylidene Fluoride. <i>Polymers</i> , 2021, 13, 1354.	4.5	97
4	Cyclic voltammetry measurements of electroactive surface area of porous nickel: Peak current and peak charge methods and diffusion layer effect. <i>Materials Chemistry and Physics</i> , 2019, 233, 60-67.	4.0	84
5	Effects of electrochemical reaction and surface morphology on electroactive surface area of porous copper manufactured by Lost Carbonate Sintering. <i>RSC Advances</i> , 2017, 7, 26392-26400.	3.6	37
6	Hierarchical porous Cu with high surface area and fluid permeability. <i>Scripta Materialia</i> , 2019, 172, 119-124.	5.2	19
7	Mass Transfer Performance of Porous Nickel Manufactured by Lost Carbonate Sintering Process. <i>Advanced Engineering Materials</i> , 2017, 19, 1700392.	3.5	16
8	A limiting current sensor based on porous Ni electrode for ferricyanide and ferrocyanide detection in aqueous solutions. <i>Electrochimica Acta</i> , 2021, 385, 138428.	5.2	2