

Pengcheng Zhu

List of Publications by Year in descending order

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8
papers

589
citations

1307594

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1588992

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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 | 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 |
| 5 | Hierarchical porous Cu with high surface area and fluid permeability. <i>Scripta Materialia</i> , 2019, 172, 119-124. | 5.2 | 19 |
| 6 | 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 |
| 7 | 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 |
| 8 | Mass Transfer Performance of Porous Nickel Manufactured by Lost Carbonate Sintering Process. <i>Advanced Engineering Materials</i> , 2017, 19, 1700392. | 3.5 | 16 |