

Chih-Hao Tsao

List of Publications by Year in descending order

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14
papers

577
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858243

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14
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1004
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In situ</i> formation of polymer electrolytes using a dicationic imidazolium cross-linker for high-performance lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 5796-5806.	5.2	16
2	Comparing the Ion-Conducting Polymers with Sulfonate and Ether Moieties as Cathode Binders for High-Power Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 9846-9855.	4.0	16
3	Crosslinked solidified gel electrolytes via in-situ polymerization featuring high ionic conductivity and stable lithium deposition for long-term durability lithium battery. <i>Electrochimica Acta</i> , 2020, 361, 137076.	2.6	6
4	Hollow Li ₂ FeSiO ₄ spheres as cathode and anode material for lithium-ion battery. <i>Journal of Alloys and Compounds</i> , 2019, 797, 1007-1012.	2.8	15
5	Polymer electrolytes based on Poly(VdF-co-HFP)/ionic liquid/carbonate membranes for high-performance lithium-ion batteries. <i>Polymer</i> , 2019, 173, 110-118.	1.8	13
6	Immobilized cation functional gel polymer electrolytes with high lithium transference number for lithium ion batteries. <i>Journal of Membrane Science</i> , 2019, 572, 382-389.	4.1	62
7	Vulcanized polymeric cathode material featuring a polyaniline skeleton for high-rate rechargeability and long-cycle stability lithium-sulfur batteries. <i>Electrochimica Acta</i> , 2018, 276, 111-117.	2.6	33
8	Fluorinated Copolymer Functionalized with Ethylene Oxide as Novel Water-Borne Binder for a High-Power Lithium Ion Battery: Synthesis, Mechanism, and Application. <i>ACS Applied Energy Materials</i> , 2018, 1, 3999-4008.	2.5	10
9	Synthesis and characterization of polymer electrolytes based on cross-linked phenoxy-containing polyphosphazenes. <i>Journal of Polymer Science Part A</i> , 2016, 54, 352-358.	2.5	24
10	Ionic Conducting and Surface Active Binder of Poly (ethylene oxide)-block-poly(acrylonitrile) for High Power Lithium-ion Battery. <i>Electrochimica Acta</i> , 2016, 196, 41-47.	2.6	27
11	Stable Lithium Deposition Generated from Ceramic-Cross-Linked Gel Polymer Electrolytes for Lithium Anode. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15216-15224.	4.0	51
12	A new strategy for preparing oligomeric ionic liquid gel polymer electrolytes for high-performance and nonflammable lithium ion batteries. <i>Journal of Membrane Science</i> , 2016, 499, 462-469.	4.1	115
13	Poly(dimethylsiloxane) hybrid gel polymer electrolytes of a porous structure for lithium ion battery. <i>Journal of Membrane Science</i> , 2015, 489, 36-42.	4.1	57
14	High Performance of Transferring Lithium Ion for Polyacrylonitrile-Interpenetrating Crosslinked Polyoxyethylene Network as Gel Polymer Electrolyte. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3156-3162.	4.0	132