

# Chih-Hao Tsao

## List of Publications by Year in descending order

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14  
papers

577  
citations

759233

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1058476

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times ranked

886  
citing authors

#	ARTICLE	IF	CITATIONS
1	High Performance of Transferring Lithium Ion for Polyacrylonitrile-Interpenetrating Crosslinked Polyoxyethylene Network as Gel Polymer Electrolyte. ACS Applied Materials & Interfaces, 2014, 6, 3156-3162.	8.0	132
2	A new strategy for preparing oligomeric ionic liquid gel polymer electrolytes for high-performance and nonflammable lithium ion batteries. Journal of Membrane Science, 2016, 499, 462-469.	8.2	115
3	Immobilized cation functional gel polymer electrolytes with high lithium transference number for lithium ion batteries. Journal of Membrane Science, 2019, 572, 382-389.	8.2	62
4	Poly(dimethylsiloxane) hybrid gel polymer electrolytes of a porous structure for lithium ion battery. Journal of Membrane Science, 2015, 489, 36-42.	8.2	57
5	Stable Lithium Deposition Generated from Ceramic-Cross-Linked Gel Polymer Electrolytes for Lithium Anode. ACS Applied Materials & Interfaces, 2016, 8, 15216-15224.	8.0	51
6	Vulcanized polymeric cathode material featuring a polyaniline skeleton for high-rate rechargeability and long-cycle stability lithium-sulfur batteries. Electrochimica Acta, 2018, 276, 111-117.	5.2	33
7	Ionic Conducting and Surface Active Binder of Poly (ethylene oxide)-block-poly(acrylonitrile) for High Power Lithium-ion Battery. Electrochimica Acta, 2016, 196, 41-47.	5.2	27
8	Synthesis and characterization of polymer electrolytes based on cross-linked phenoxy-containing polyphosphazenes. Journal of Polymer Science Part A, 2016, 54, 352-358.	2.3	24
9	<i>In situ</i> formation of polymer electrolytes using a dicationic imidazolium cross-linker for high-performance lithium ion batteries. Journal of Materials Chemistry A, 2021, 9, 5796-5806.	10.3	16
10	Comparing the Ion-Conducting Polymers with Sulfonate and Ether Moieties as Cathode Binders for High-Power Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 9846-9855.	8.0	16
11	Hollow Li <sub>2</sub> FeSiO <sub>4</sub> spheres as cathode and anode material for lithium-ion battery. Journal of Alloys and Compounds, 2019, 797, 1007-1012.	5.5	15
12	Polymer electrolytes based on Poly(VdF-co-HFP)/ionic liquid/carbonate membranes for high-performance lithium-ion batteries. Polymer, 2019, 173, 110-118.	3.8	13
13	Fluorinated Copolymer Functionalized with Ethylene Oxide as Novel Water-Borne Binder for a High-Power Lithium Ion Battery: Synthesis, Mechanism, and Application. ACS Applied Energy Materials, 2018, 1, 3999-4008.	5.1	10
14	Crosslinked solidified gel electrolytes via in-situ polymerization featuring high ionic conductivity and stable lithium deposition for long-term durability lithium battery. Electrochimica Acta, 2020, 361, 137076.	5.2	6