

Chun-Chen Yang

List of Publications by Year in descending order

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43
papers

3,009
citations

136885

32
h-index

254106

43
g-index

43
all docs

43
docs citations

43
times ranked

2797
citing authors

#	ARTICLE	IF	CITATIONS
1	MoO ₃ Nanoparticle Coatings on High-Voltage 5 V LiNi _{0.5} Mn _{1.5} O ₄ Cathode Materials for Improving Lithium-Ion Battery Performance. <i>Nanomaterials</i> , 2022, 12, 409.	1.9	6
2	Optimal loading of quaternized chitosan nanofillers in functionalized polyvinyl alcohol polymer membrane for effective hydroxide ion conduction and suppressed alcohol transport. <i>Polymer</i> , 2018, 138, 65-74.	1.8	13
3	Magnetic field-assisted alignment of graphene oxide nanosheets in a polymer matrix to enhance ionic conduction. <i>Journal of Membrane Science</i> , 2018, 563, 259-269.	4.1	27
4	Gradiently distributed iron oxide@graphene oxide nanofillers in quaternized polyvinyl alcohol composite to enhance alkaline fuel cell power density. <i>Journal of Membrane Science</i> , 2017, 543, 28-39.	4.1	50
5	Surfactant-Assisted Perovskite Nanofillers Incorporated in Quaternized Poly (Vinyl Alcohol) Composite Membrane as an Effective Hydroxide-Conducting Electrolyte. <i>Energies</i> , 2017, 10, 615.	1.6	21
6	Fumed Silica Nanoparticles Incorporated in Quaternized Poly(Vinyl Alcohol) Nanocomposite Membrane for Enhanced Power Densities in Direct Alcohol Alkaline Fuel Cells. <i>Energies</i> , 2016, 9, 15.	1.6	30
7	Fabrication and Characterization of Chitosan Nanoparticle-Incorporated Quaternized Poly(Vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 62 <i>Electrochimica Acta</i> , 2016, 187, 616-628.	2.6	113
8	Highly conductive quasi-coaxial electrospun quaternized polyvinyl alcohol nanofibers and composite as high-performance solid electrolytes. <i>Journal of Power Sources</i> , 2016, 304, 136-145.	4.0	17
9	Novel quaternized polyvinyl alcohol/quaternized chitosan nano-composite as an effective hydroxide-conducting electrolyte. <i>Journal of Membrane Science</i> , 2015, 485, 17-29.	4.1	94
10	Preparation of a Novel Composite Membrane and PtRu/Hollow Carbon Sphere (HCS) Anode Catalyst for Alkaline Direct Methanol Fuel Cell (ADMFC). <i>Energy Procedia</i> , 2014, 61, 1410-1416.	1.8	3
11	Electrochemical performance of V-doped spinel Li ₄ Ti ₅ O ₁₂ /C composite anode in Li-half and Li ₄ Ti ₅ O ₁₂ /LiFePO ₄ -full cell. <i>Journal of Power Sources</i> , 2014, 258, 424-433.	4.0	86
12	Comparison of electrochemical performances of LiFePO ₄ /C composite materials by two preparation routes. <i>Materials Research Bulletin</i> , 2012, 47, 2616-2622.	2.7	6
13	Alkaline direct methanol fuel cell based on a novel anion-exchange composite polymer membrane. <i>Journal of Applied Electrochemistry</i> , 2012, 42, 305-317.	1.5	36
14	Fabrication of anion-exchange composite membranes for alkaline direct methanol fuel cells. <i>Journal of Power Sources</i> , 2012, 199, 37-45.	4.0	85
15	Preparation of poly(vinyl alcohol)/montmorillonite/poly(styrene sulfonic acid) composite membranes for hydrogen-oxygen polymer electrolyte fuel cells. <i>Current Applied Physics</i> , 2011, 11, S229-S237.	1.1	24
16	Preparation of novel poly(vinyl alcohol)/SiO ₂ nanocomposite membranes by a sol-gel process and their application on alkaline DMFCs. <i>Desalination</i> , 2011, 276, 366-372.	4.0	69
17	Fabrication and characterization of poly(vinyl alcohol)/montmorillonite/poly(styrene sulfonic acid) proton-conducting composite membranes for direct methanol fuel cells. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 4419-4431.	3.8	67
18	Permeant transport properties and cell performance of potassium hydroxide doped poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 <i>Journal of Membrane Science</i> , 2011, 354, 1-10.	4.1	48

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#	ARTICLE	IF	CITATIONS
37	Electrochemical corrosion studies on Co-Cr-Mo implant alloy in biological solutions. <i>Materials Chemistry and Physics</i> , 2005, 93, 531-538.	2.0	79
38	Investigation on the corrosion behavior of Ti-6Al-4V implant alloy by electrochemical techniques. <i>Materials Chemistry and Physics</i> , 2004, 86, 269-278.	2.0	64
39	Chemical composition and XRD analyses for alkaline composite PVA polymer electrolyte. <i>Materials Letters</i> , 2004, 58, 33-38.	1.3	68
40	Synthesis and characterization of alkaline polyvinyl alcohol and poly(epichlorohydrin) blend polymer electrolytes and performance in electrochemical cells. <i>Journal of Power Sources</i> , 2003, 122, 210-218.	4.0	79
41	Preparation of composite alkaline polymer electrolyte. <i>Materials Letters</i> , 2002, 57, 873-881.	1.3	70
42	Polymer Ni-MH battery based on PEO-PVA-KOH polymer electrolyte. <i>Journal of Power Sources</i> , 2002, 109, 22-31.	4.0	104
43	Alkaline composite PEO-PVA-glass-fibre-mat polymer electrolyte for Zn-air battery. <i>Journal of Power Sources</i> , 2002, 112, 497-503.	4.0	152