

Chueh-Han Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ionic Liquids with Various Constituent Ions To Optimize Non-Enzymatic Electrochemical Detection Properties of Graphene Electrodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16233-16240.	6.7	6
2	Titanium Carbide (MXene) as a Current Collector for Lithium-Ion Batteries. <i>ACS Omega</i> , 2018, 3, 12489-12494.	3.5	77
3	Bistacked Titanium Carbide (MXene) Anodes for Hybrid Sodium-Ion Capacitors. <i>ACS Energy Letters</i> , 2018, 3, 2094-2100.	17.4	145
4	High-selectivity electrochemical non-enzymatic sensors based on graphene/Pd nanocomposites functionalized with designated ionic liquids. <i>Biosensors and Bioelectronics</i> , 2017, 89, 483-488.	10.1	34
5	Suitability of ionic liquid electrolytes for room-temperature sodium-ion battery applications. <i>Chemical Communications</i> , 2016, 52, 10890-10893.	4.1	51
6	Mixed ionic liquid/organic carbonate electrolytes for LiNi _{0.8} Co _{0.15} Al _{0.05} O ₂ electrodes at various temperatures. <i>RSC Advances</i> , 2015, 5, 106824-106831.	3.6	7
7	Holey Graphene Nanosheets with Surface Functional Groups as High-Performance Supercapacitors in Ionic-Liquid Electrolyte. <i>ChemSusChem</i> , 2015, 8, 1779-1786.	6.8	43
8	Rechargeable Na/Na _{0.44} MnO ₂ cells with ionic liquid electrolytes containing various sodium solutes. <i>Journal of Power Sources</i> , 2015, 274, 1016-1023.	7.8	102
9	Ionic Liquid Electrolytes with Various Sodium Solutes for Rechargeable Na/NaFePO ₄ Batteries Operated at Elevated Temperatures. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17564-17570.	8.0	84
10	Formation of metal coatings on magnesium using a galvanic replacement reaction in ionic liquid. <i>RSC Advances</i> , 2014, 4, 35298.	3.6	10
11	Electrochemical performance of Na/NaFePO ₄ sodium-ion batteries with ionic liquid electrolytes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5655.	10.3	142
12	Charge-storage performance of Li/LiFePO ₄ cells with additive-incorporated ionic liquid electrolytes at various temperatures. <i>Journal of Power Sources</i> , 2014, 260, 268-275.	7.8	37
13	Nanocrystalline Pd/carbon nanotube composites synthesized using supercritical fluid for superior glucose sensing performance. <i>Journal of Alloys and Compounds</i> , 2014, 615, S496-S500.	5.5	17
14	The effects of ionic liquid on the electrochemical sensing performance of graphene- and carbon nanotube-based electrodes. <i>Analyst</i> , 2013, 138, 576-582.	3.5	25
15	Ionic-liquid-enhanced glucose sensing ability of non-enzymatic Au/graphene electrodes fabricated using supercritical CO ₂ fluid. <i>Biosensors and Bioelectronics</i> , 2013, 46, 30-36.	10.1	68
16	Unique Pd/graphene nanocomposites constructed using supercritical fluid for superior electrochemical sensing performance. <i>Journal of Materials Chemistry</i> , 2012, 22, 21466.	6.7	41