

Wu Aik Yee

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,382
citations

623734

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940533

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g-index

17
all docs

17
docs citations

17
times ranked

2507
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition-Metal Ion-Mediated Polymerization of Dopamine: Mussel-Inspired Approach for the Facile Synthesis of Robust Transition-Metal Nanoparticle-Graphene Hybrids. <i>Chemistry - A European Journal</i> , 2014, 20, 7776-7783.	3.3	95
2	Growth of rutile TiO ₂ on the convex surface of nanocylinders: from nanoneedles to nanorods and their electrochemical properties. <i>Nanoscale</i> , 2014, 6, 4352-4360.	5.6	16
3	Complexes of Polydopamine-Modified Clay and Ferric Ions as the Framework for Pollutant-Absorbing Supramolecular Hydrogels. <i>Langmuir</i> , 2013, 29, 1238-1244.	3.5	88
4	Silicon nanoparticles encapsulated in hollow graphitized carbon nanofibers for lithium ion battery anodes. <i>Nanoscale</i> , 2013, 5, 2967.	5.6	164
5	Electrospinning-Derived "Hairy Seaweed" and Its Photoelectrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2013, 117, 10106-10113.	3.1	13
6	A high throughput method for preparation of highly conductive functionalized graphene and conductive polymer nanocomposites. <i>RSC Advances</i> , 2012, 2, 2208.	3.6	52
7	Polymorphism of electrospun polyvinylidene difluoride/carbon nanotube (CNT) nanocomposites: Synergistic effects of CNT surface chemistry, extensional force and supercritical carbon dioxide treatment. <i>Polymer</i> , 2012, 53, 5097-5102.	3.8	22
8	Highly electrically conductive layered carbon derived from polydopamine and its functions in SnO ₂ -based lithium ion battery anodes. <i>Chemical Communications</i> , 2012, 48, 10316.	4.1	209
9	Highly conductive graphene by low-temperature thermal reduction and in situ preparation of conductive polymer nanocomposites. <i>Nanoscale</i> , 2012, 4, 4968.	5.6	69
10	Designing calcium phosphate-based bifunctional nanocapsules with bone-targeting properties. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	5
11	Thermal stability of ionic liquid-loaded electrospun poly(vinylidene fluoride) membranes and its influences on performance of electrochromic devices. <i>Journal of Membrane Science</i> , 2011, 376, 283-289.	8.2	23
12	Supercritical Carbon Dioxide-Treated Electrospun Poly(vinylidene fluoride) Nanofibrous Membranes: Morphology, Structures and Properties as an Ionic Liquid Host. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1779-1784.	3.9	15
13	Stress-induced structural changes in electrospun polyvinylidene difluoride nanofibers collected using a modified rotating disk. <i>Polymer</i> , 2008, 49, 4196-4203.	3.8	100
14	Electrospinning of Polyvinylidene Difluoride with Carbon Nanotubes: Synergistic Effects of Extensional Force and Interfacial Interaction on Crystalline Structures. <i>Langmuir</i> , 2008, 24, 13621-13626.	3.5	146
15	Enhanced Functional and Structural Characteristics of Poly(vinylidene-trifluoroethylene) Copolymer Thin Films by Corona Poling. <i>Journal of the Electrochemical Society</i> , 2007, 154, G224.	2.9	17
16	Morphology, polymorphism behavior and molecular orientation of electrospun poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	3.8	348