

# 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

14  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology, polymorphism behavior and molecular orientation of electrospun poly(vinylidene fluoride) nanofibers. <i>Journal of Applied Polymer Science</i> , 2011, 119, 1073-1081.	3.8	348
2	Highly electrically conductive layered carbon derived from polydopamine and its functions in SnO <sub>2</sub> -based lithium ion battery anodes. <i>Chemical Communications</i> , 2012, 48, 10316.	4.1	209
3	Silicon nanoparticles encapsulated in hollow graphitized carbon nanofibers for lithium ion battery anodes. <i>Nanoscale</i> , 2013, 5, 2967.	5.6	164
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	Growth of rutile TiO <sub>2</sub> on the convex surface of nanocylinders: from nanoneedles to nanorods and their electrochemical properties. <i>Nanoscale</i> , 2014, 6, 4352-4360.	5.6	16
14	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
15	Electrospinning-Derived "Hairy Seaweed" and Its Photoelectrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2013, 117, 10106-10113.	3.1	13
16	Designing calcium phosphate-based bifunctional nanocapsules with bone-targeting properties. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	5