Chee Yoon Yue

List of Publications by Year
in descending order

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25	1,321	471061 17	580395 25
papers	citations	h-index	g-index

25	25	25	2213
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Review on advances in porous nanostructured nickel oxides and their composite electrodes for high-performance supercapacitors. Journal of Power Sources, 2016, 308, 121-140.	4.0	222
2	Development of 3D Urchin-Shaped Coaxial Manganese Dioxide@Polyaniline (MnO₂@PANI) Composite and Self-Assembled 3D Pillared Graphene Foam for Asymmetric All-Solid-State Flexible Supercapacitor Application. ACS Applied Materials & Interfaces, 2017, 9, 15350-15363.	4.0	165
3	Synthesis of polyaniline nanotubes using the self-assembly behavior of vitamin C: a mechanistic study and application in electrochemical supercapacitors. Journal of Materials Chemistry A, 2014, 2, 2830-2838.	5.2	94
4	Development of a 3D graphene aerogel and 3D porous graphene/MnO₂@polyaniline hybrid film for all-solid-state flexible asymmetric supercapacitors. Sustainable Energy and Fuels, 2018, 2, 280-293.	2.5	90
5	Fabrication of High Aspect Ratio Poly(ethylene glycol)-Containing Microstructures by UV Embossing. Langmuir, 2003, 19, 4371-4380.	1.6	86
6	Specific functionalization and polymer grafting on multiwalled carbon nanotubes to fabricate advanced nylon 12 composites. Journal of Materials Chemistry A, 2014, 2, 3961.	5.2	68
7	Layer-by-layer (LBL) assembly of graphene with p-phenylenediamine (PPD) spacer for high performance supercapacitor applications. RSC Advances, 2014, 4, 19908.	1.7	60
8	Tribological properties of short carbon fibers reinforced epoxy composites. Friction, 2014, 2, 226-239.	3.4	58
9	Development of 3D MoO3/graphene aerogel and sandwich-type polyaniline decorated porous MnO2â^'graphene hybrid film based high performance all-solid-state asymmetric supercapacitors. Electrochimica Acta, 2018, 276, 47-63.	2.6	54
10	Graphene oxide beads for fast clean-up of hazardous chemicals. Journal of Materials Chemistry A, 2016, 4, 9437-9446.	5.2	51
11	Surface Modification of COC Microfluidic Devices: A Comparative Study of Nitrogen Plasma Treatment and its Advantages Over Argon and Oxygen Plasma Treatments. Plasma Processes and Polymers, 2011, 8, 432-443.	1.6	48
12	Synthesis of graphene/vitamin C template-controlled polyaniline nanotubes composite for high performance supercapacitor electrode. Polymer, 2014, 55, 798-805.	1.8	47
13	Thermal degradation study of interpenetrating polymer network based on modified bismaleimide resin and cyanate ester. Polymer International, 2003, 52, 15-22.	1.6	46
14	Fabrication and Release Behavior of Microcapsules with Double-Layered Shell Containing Clove Oil for Antibacterial Applications. ACS Applied Materials & Interfaces, 2018, 10, 15532-15541.	4.0	39
15	Facile growth of heparin-controlled porous polyaniline nanofiber networks and their application in supercapacitors. RSC Advances, 2014, 4, 5188.	1.7	34
16	Comparison of different molds (epoxy, polymer and silicon) for microfabrication by hot embossing technique. Sensors and Actuators B: Chemical, 2012, 163, 233-241.	4.0	28
17	Triggering compatibility and dispersion by selective plasma functionalized carbon nanotubes to fabricate tough and enhanced Nylon 12 composites. Polymer, 2015, 58, 153-161.	1.8	23
18	Failure Behavior of Unidirectional Composites under Compression Loading: Effect of Fiber Waviness. Materials, 2017, 10, 909.	1.3	20

#	Article	IF	Citations
19	A failure criterion for debonding between encapsulants and leadframes in plastic IC packages. Journal of Adhesion Science and Technology, 2000, 14, 93-105.	1.4	18
20	Non-covalent interactions and supercapacitance of pseudo-capacitive composite electrode materials (MWCNTCOOH/MnO2/PANI). Synthetic Metals, 2015, 208, 2-12.	2.1	17
21	Relaxation of liquid-crystalline polymer fibers in polycarbonate-liquid-crystalline polymer blend system. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 2307-2312.	2.4	12
22	Transparent cyclic olefin copolymer/silica nanocomposites. Polymer International, 2014, 63, 327-332.	1.6	11
23	A green technique to prepare uniform amine capped multi-walled carbon nanotubes to fabricate high strength, protein resistant polymer nanocomposites. RSC Advances, 2015, 5, 15524-15533.	1.7	11
24	Preparation of plasma-polymerized benzonitrile derivatives and their femtosecond time-resolved optical Kerr effect. Synthetic Metals, 2000, 114, 57-60.	2.1	10
25	A modified quasiâ€creep model for assessment of deformation of topas COC substrates in the thermal bonding of microfluidic devices: Experiments and modeling. Journal of Applied Polymer Science, 2011, 122, 867-873.	1.3	9