

Chee Yoon Yue

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,321
citations

471061

17
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

2213
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and Release Behavior of Microcapsules with Double-Layered Shell Containing Clove Oil for Antibacterial Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15532-15541.	4.0	39
2	Development of a 3D graphene aerogel and 3D porous graphene/MnO ₂ @polyaniline hybrid film for all-solid-state flexible asymmetric supercapacitors. <i>Sustainable Energy and Fuels</i> , 2018, 2, 280-293.	2.5	90
3	Development of 3D MoO ₃ /graphene aerogel and sandwich-type polyaniline decorated porous MnO ₂ @graphene hybrid film based high performance all-solid-state asymmetric supercapacitors. <i>Electrochimica Acta</i> , 2018, 276, 47-63.	2.6	54
4	Development of 3D Urchin-Shaped Coaxial Manganese Dioxide@Polyaniline (MnO ₂ @PANI) Composite and Self-Assembled 3D Pillared Graphene Foam for Asymmetric All-Solid-State Flexible Supercapacitor Application. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15350-15363.	4.0	165
5	Failure Behavior of Unidirectional Composites under Compression Loading: Effect of Fiber Waviness. <i>Materials</i> , 2017, 10, 909.	1.3	20
6	Graphene oxide beads for fast clean-up of hazardous chemicals. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9437-9446.	5.2	51
7	Review on advances in porous nanostructured nickel oxides and their composite electrodes for high-performance supercapacitors. <i>Journal of Power Sources</i> , 2016, 308, 121-140.	4.0	222
8	Triggering compatibility and dispersion by selective plasma functionalized carbon nanotubes to fabricate tough and enhanced Nylon 12 composites. <i>Polymer</i> , 2015, 58, 153-161.	1.8	23
9	A green technique to prepare uniform amine capped multi-walled carbon nanotubes to fabricate high strength, protein resistant polymer nanocomposites. <i>RSC Advances</i> , 2015, 5, 15524-15533.	1.7	11
10	Non-covalent interactions and supercapacitance of pseudo-capacitive composite electrode materials (MWCNTCOOH/MnO ₂ /PANI). <i>Synthetic Metals</i> , 2015, 208, 2-12.	2.1	17
11	Synthesis of graphene/vitamin C template-controlled polyaniline nanotubes composite for high performance supercapacitor electrode. <i>Polymer</i> , 2014, 55, 798-805.	1.8	47
12	Facile growth of heparin-controlled porous polyaniline nanofiber networks and their application in supercapacitors. <i>RSC Advances</i> , 2014, 4, 5188.	1.7	34
13	Synthesis of polyaniline nanotubes using the self-assembly behavior of vitamin C: a mechanistic study and application in electrochemical supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2830-2838.	5.2	94
14	Transparent cyclic olefin copolymer/silica nanocomposites. <i>Polymer International</i> , 2014, 63, 327-332.	1.6	11
15	Specific functionalization and polymer grafting on multiwalled carbon nanotubes to fabricate advanced nylon 12 composites. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3961.	5.2	68
16	Layer-by-layer (LBL) assembly of graphene with p-phenylenediamine (PPD) spacer for high performance supercapacitor applications. <i>RSC Advances</i> , 2014, 4, 19908.	1.7	60
17	Tribological properties of short carbon fibers reinforced epoxy composites. <i>Friction</i> , 2014, 2, 226-239.	3.4	58
18	Comparison of different molds (epoxy, polymer and silicon) for microfabrication by hot embossing technique. <i>Sensors and Actuators B: Chemical</i> , 2012, 163, 233-241.	4.0	28

#	ARTICLE	IF	CITATIONS
19	Surface Modification of COC Microfluidic Devices: A Comparative Study of Nitrogen Plasma Treatment and its Advantages Over Argon and Oxygen Plasma Treatments. <i>Plasma Processes and Polymers</i> , 2011, 8, 432-443.	1.6	48
20	A modified quasi-creep model for assessment of deformation of topas COC substrates in the thermal bonding of microfluidic devices: Experiments and modeling. <i>Journal of Applied Polymer Science</i> , 2011, 122, 867-873.	1.3	9
21	Relaxation of liquid-crystalline polymer fibers in polycarbonate-liquid-crystalline polymer blend system. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 2307-2312.	2.4	12
22	Thermal degradation study of interpenetrating polymer network based on modified bismaleimide resin and cyanate ester. <i>Polymer International</i> , 2003, 52, 15-22.	1.6	46
23	Fabrication of High Aspect Ratio Poly(ethylene glycol)-Containing Microstructures by UV Embossing. <i>Langmuir</i> , 2003, 19, 4371-4380.	1.6	86
24	A failure criterion for debonding between encapsulants and leadframes in plastic IC packages. <i>Journal of Adhesion Science and Technology</i> , 2000, 14, 93-105.	1.4	18
25	Preparation of plasma-polymerized benzonitrile derivatives and their femtosecond time-resolved optical Kerr effect. <i>Synthetic Metals</i> , 2000, 114, 57-60.	2.1	10