

Trung Dung Dao

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

620
citations

14
h-index

19
g-index

19
ext. papers

698
ext. citations

5.7
avg, IF

4.28
L-index

#	Paper	IF	Citations
19	A Pickering emulsion route to a stearic acid/graphene core-shell composite phase change material. <i>Carbon</i> , 2016 , 99, 49-57	10.4	70
18	Novel stearic acid/graphene core-shell composite microcapsule as a phase change material exhibiting high shape stability and performance. <i>Solar Energy Materials and Solar Cells</i> , 2015 , 137, 227-234	6.4	66
17	Graphene coated with alumina and its utilization as a thermal conductivity enhancer for alumina sphere/thermoplastic polyurethane composite. <i>Materials Chemistry and Physics</i> , 2015 , 153, 291-300	4.4	61
16	Graphene prepared by thermal reduction/exfoliation of graphite oxide: Effect of raw graphite particle size on the properties of graphite oxide and graphene. <i>Materials Research Bulletin</i> , 2015 , 70, 651-657	5.1	55
15	Shape memory polyurethane nanocomposites with functionalized graphene. <i>Smart Materials and Structures</i> , 2012 , 21, 075017	3.4	52
14	Water-dispersible graphene designed as a Pickering stabilizer for the suspension polymerization of poly(methyl methacrylate)/graphene core-shell microsphere exhibiting ultra-low percolation threshold of electrical conductivity. <i>Polymer</i> , 2014 , 55, 4709-4719	3.9	51
13	Properties of Graphene/Shape Memory Thermoplastic Polyurethane Composites Actuating by Various Methods. <i>Materials</i> , 2014 , 7, 1520-1538	3.5	51
12	The modification of graphene with alcohols and its use in shape memory polyurethane composites. <i>Polymer International</i> , 2013 , 62, 54-63	3.3	31
11	Super-tough functionalized graphene paper as a high-capacity anode for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2014 , 250, 257-266	14.7	30
10	Alumina-coated graphene nanosheet and its composite of acrylic rubber. <i>Journal of Colloid and Interface Science</i> , 2014 , 416, 38-43	9.3	29
9	Solid-state functionalization of graphene with amino acids toward water-dispersity: implications on a composite with polyaniline and its characteristics as a supercapacitor electrode material. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 12526	13	28
8	Electrically Conductive Graphene/Poly(methyl methacrylate) Composites with Ultra-Low Percolation Threshold by Electrostatic Self-Assembly in Aqueous Medium. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 770-782	2.6	21
7	Direct covalent modification of thermally exfoliated graphene forming functionalized graphene stably dispersible in water and poly(vinyl alcohol). <i>Colloid and Polymer Science</i> , 2013 , 291, 2365-2374	2.4	17
6	Aluminum hydroxide/CNT hybrid material for synergizing the thermal conductivity of alumina sphere/thermoplastic polyurethane composite with minimal increase of electrical conductivity. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 33, 150-155	6.3	16
5	Compatibility of Functionalized Graphene with Polyethylene and Its Copolymers. <i>Journal of Nanomaterials</i> , 2013 , 2013, 1-8	3.2	14
4	The effect of oxidation on properties of graphene and its polycaprolactone nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 8420-30	1.3	14
3	Graphene functionalized with poly(vinyl alcohol) as a Pickering stabilizer for suspension polymerization of poly(methyl methacrylate). <i>Journal of Colloid and Interface Science</i> , 2016 , 476, 47-54	9.3	8

- 2 Poly(methyl methacrylate)/Graphene Microparticles Having a Core/Shell Structure Prepared with Carboxylated Graphene as a Pickering Stabilizer. *Macromolecular Chemistry and Physics*, **2016**, 217, 570-580^{2,6} 4
- 1 Shape memory polyurethane nanocomposites with a functionalized graphene **2013**, 2