Nguyen Dang Luong

List of Publications by Year
in descending order

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32	1,978	257357 24	414303 32
papers	citations	h-index	g-index

32	32	32	3719
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced mechanical and thermal properties of polyurethane/functionalised graphene oxide composites by in situ polymerisation. Plastics, Rubber and Composites, 2019, 48, 466-476.	0.9	14
2	Highly active platinum nanoparticles supported by nitrogen/sulfur functionalized graphene composite for ethanol electro-oxidation. Electrochimica Acta, 2017, 242, 315-326.	2.6	30
3	Novel photo-curable polyurethane resin for stereolithography. RSC Advances, 2016, 6, 50706-50709.	1.7	33
4	Transparent and flexible high-performance supercapacitors based on single-walled carbon nanotube films. Nanotechnology, 2016, 27, 235403.	1.3	79
5	Fabrication of graphene-based 3D structures by stereolithography. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 982-985.	0.8	45
6	Synthesis and characterization of castor oil-segmented thermoplastic polyurethane with controlled mechanical properties. European Polymer Journal, 2016, 81, 129-137.	2.6	59
7	Elastic, crosslinked poly(acrylic acid) filaments: nanocellulose reinforcement and graphene lubrication. RSC Advances, 2015, 5, 107992-108001.	1.7	13
8	Functional Graphene by Thiolâ€ene Click Chemistry. Chemistry - A European Journal, 2015, 21, 3183-3186.	1.7	66
9	Ductile nanocellulose-based films with high stretchability and tear resistance. European Polymer Journal, 2015, 69, 328-340.	2.6	32
10	Electrically conductive nanocellulose/graphene composites exhibiting improved mechanical properties in high-moisture condition. Cellulose, 2015, 22, 1799-1812.	2.4	64
11	Chemical modification of graphene for functional polymer nanocomposites. EXPRESS Polymer Letters, 2014, 8, 373-373.	1.1	5
12	Low surface area graphene/cellulose composite as a host matrix for lithium sulphur batteries. Journal of Power Sources, 2014, 254, 55-61.	4.0	44
13	Stable, self-healing hydrogels from nanofibrillated cellulose, poly(vinyl alcohol) and borax via reversible crosslinking. European Polymer Journal, 2014, 56, 105-117.	2.6	250
14	Thermoresponsive xylan hydrogels via copper-catalyzed azide-alkyne cycloaddition. Carbohydrate Polymers, 2014, 102, 637-644.	5.1	34
15	Nanofibrillated cellulose, poly(vinyl alcohol), montmorillonite clay hybrid nanocomposites with superior barrier and thermomechanical properties. Polymer Composites, 2014, 35, 1117-1131.	2.3	38
16	Processable polyaniline suspensions through in situ polymerization onto nanocellulose. European Polymer Journal, 2013, 49, 335-344.	2.6	107
17	In situ fabrication of platinum/graphene composite shell on polymer microspheres through reactive self-assembly and in situ reduction. Journal of Materials Science, 2013, 48, 1127-1133.	1.7	12
18	Crosslinked nanofibrillated cellulose: poly(acrylic acid) nanocomposite films; enhanced mechanical performance in aqueous environments. Cellulose, 2013, 20, 2991-3005.	2.4	52

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19	Amineâ€Functionalized Polyglycidyl Methacrylate Microsphere as a Unified Template for the Synthesis of Gold Nanoparticles and Singleâ€Crystal Gold Plates. Macromolecular Rapid Communications, 2013, 34, 504-510.	2.0	26
20	Solution-Processed Graphite Membrane from Reassembled Graphene Oxide. Chemistry of Materials, 2012, 24, 594-599.	3.2	85
21	Immobilization of gold nanoparticles on poly(methyl methacrylate) electrospun fibers exhibiting solidâ€state surface plasmon effect. Surface and Interface Analysis, 2012, 44, 318-321.	0.8	7
22	An eco-friendly and efficient route of lignin extraction from black liquor and a lignin-based copolyester synthesis. Polymer Bulletin, 2012, 68, 879-890.	1.7	51
23	Enhanced mechanical and electrical properties of polyimide film by graphene sheets via in situ polymerization. Polymer, 2011, 52, 5237-5242.	1.8	213
24	Graphene/cellulose nanocomposite paper with high electrical and mechanical performances. Journal of Materials Chemistry, 2011, 21, 13991.	6.7	240
25	Self-assembled tetramethylbenzidine conductive nanofibers synchronized with gold nanoparticle formation. Applied Surface Science, 2011, 257, 3233-3235.	3.1	2
26	Graphene oxide porous paper from amine-functionalized poly(glycidyl methacrylate)/graphene oxide core-shell microspheres. Journal of Materials Chemistry, 2010, 20, 9200.	6.7	149
27	Synthesis of Lignin-Based Thermoplastic Copolyester Using Kraft Lignin as a Macromonomer. Composite Interfaces, 2009, 16, 923-935.	1.3	56
28	A Solventâ€Assisted Compression Molded of Poly(<scp>L</scp>â€lactide)/Hydroxyapatite Electrospun Fibers for Robust Engineered Scaffold Systems. Macromolecular Materials and Engineering, 2009, 294, 699-704.	1.7	17
29	Highly-loaded silver nanoparticles in ultrafine cellulose acetate nanofibrillar aerogel. European Polymer Journal, 2008, 44, 3116-3121.	2.6	58
30	Surface modification of poly(l-lactide) electrospun fibers with nanocrystal hydroxyapatite for engineered scaffold applications. Materials Science and Engineering C, 2008, 28, 1242-1249.	3.8	47
31	Facile transformation of nanofibrillar polymer aerogel to carbon nanorods catalyzed by platinum nanoparticles. Journal of Materials Chemistry, 2008, 18, 4254.	6.7	18
32	Poly(3,4-ethylenedioxythiophene) vapor-phase polymerization on glass substrate for enhanced surface smoothness and electrical conductivity. Macromolecular Research, 2007, 15, 465-468.	1.0	32