Huynh Ngoc Tien

List of Publications by Year
in descending order

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27 papers	1,614 citations	430442 18 h-index	525886 27 g-index
27 all docs	27 docs citations	27 times ranked	2931 citing authors

#	Article	IF	Citations
1	Synthesis of a highly conductive and large surface area graphene oxide hydrogel and its use in a supercapacitor. Journal of Materials Chemistry A, 2013, 1, 208-211.	5.2	217
2	Material properties of graphene/aluminum metal matrix composites fabricated by friction stir processing. International Journal of Precision Engineering and Manufacturing, 2014, 15, 1235-1239.	1.1	178
3	Ultrathin graphene oxide-based hollow fiber membranes with brush-like CO2-philic agent for highly efficient CO2 capture. Nature Communications, 2017, 8, 2107.	5.8	151
4	One-pot synthesis of a reduced graphene oxideâ€“zinc oxide sphere composite and its use as a visible light photocatalyst. Chemical Engineering Journal, 2013, 229, 126-133.	6.6	149
5	Fabrication of a novel 2D-graphene/2D-NiO nanosheet-based hybrid nanostructure and its use in highly sensitive NO2 sensors. Sensors and Actuators B: Chemical, 2013, 185, 701-705.	4.0	139
6	Polyamide/nitrogen-doped graphene oxide quantum dots (N-GOQD) thin film nanocomposite reverse osmosis membranes for high flux desalination. Desalination, 2019, 451, 125-132.	4.0	133
7	Printing ultrathin graphene oxide nanofiltration membranes for water purification. Journal of Materials Chemistry A, 2017, 5, 20860-20866.	5.2	97
8	Novel conductive epoxy composites composed of 2-D chemically reduced graphene and 1-D silver nanowire hybrid fillers. Journal of Materials Chemistry, 2012, 22, 8649.	6.7	92
9	Ultrathin, ethylenediamine-functionalized graphene oxide membranes on hollow fibers for CO2 capture. Journal of Membrane Science, 2019, 573, 184-191.	4.1	85
10	Fabrication of 3D structured ZnO nanorod/reduced graphene oxide hydrogels and their use for photo-enhanced organic dye removal. Journal of Colloid and Interface Science, 2015, 437, 181-186.	5.0	61
11	Fast and effective electron transport in a Auâ€“grapheneâ€“ZnO hybrid for enhanced photocurrent and photocatalysis. RSC Advances, 2015, 5, 63964-63969.	1.7	44
12	Enhanced solvothermal reduction of graphene oxide in a mixed solution of sulfuric acid and organic solvent. Chemical Engineering Journal, 2012, 211-212, 97-103.	6.6	39
13	Oneâ€step synthesis of a highly conductive grapheneâ€“polypyrrole nanofiber composite using a redox reaction and its use in gas sensors. Physica Status Solidi - Rapid Research Letters, 2012, 6, 379-381.	1.2	27
14	A highly sensitive UV sensor composed of 2D NiO nanosheets and 1D ZnO nanorods fabricated by a hydrothermal process. Sensors and Actuators A: Physical, 2014, 207, 20-24.	2.0	26
15	Solutionâ€processed semitransparent pâ€“n graphene oxide:CNT/ZnO heterojunction diodes for visibleâ€blind UV sensors. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 943-946.	0.8	21
16	Mechanical properties of graphite/aluminum metal matrix composite joints by friction stir spot welding. Journal of Mechanical Science and Technology, 2014, 28, 499-504.	0.7	21
17	Enhancement of recombination process using silver and graphene quantum dot embedded intermediate layer for efficient organic tandem cells. Scientific Reports, 2016, 6, 30327.	1.6	21
18	Three-Dimensional Porous Nitrogen-Doped NiO Nanostructures as Highly Sensitive NO2 Sensors. Nanomaterials, 2017, 7, 313.	1.9	20

#	Article	IF	Citations
19	Novel carbon-based separation membranes composed of integrated zero- and one-dimensional nanomaterials. Journal of Materials Chemistry A, 2020, 8, 1084-1090.	5.2	20
20	Fast and Simple Reduction of Graphene Oxide in Various Organic Solvents Using Microwave Irradiation. Journal of Nanoscience and Nanotechnology, 2012, 12, 5658-5662.	0.9	17
21	Synthesis of highly durable sulfur doped graphite nanoplatelet electrocatalyst by a fast and simple wet ball milling process. Materials Letters, 2015, 161, 399-403.	1.3	13
22	Fabrication of Novel 2D NiO Nanosheet Branched on 1D-ZnO Nanorod Arrays for Gas Sensor Application. Journal of Nanomaterials, 2014, 2014, 1-6.	1.5	11
23	One-step codoping of reduced graphene oxide using boric and nitric acid mixture and its use in metal-free electrocatalyst. Materials Letters, 2015, 143, 205-208.	1.3	10
24	Catalytic Nâ^'H Bond Activation and Breaking by a Wellâ€Đefined Co^{II}₁O₄ Site of a Heterogeneous Catalyst. ChemCatChem, 2018, 10, 736-742.	1.8	8
25	Controlled Growth of ZnO Nanomaterials via Hydrothermal Method: Effect of Buffer Layer. Journal of Nanoscience and Nanotechnology, 2012, 12, 3313-3316.	0.9	6
26	Solution-Processed Transparent Intermediate Layer for Organic Tandem Solar Cell Using Nitrogen-Doped Graphene Quantum Dots. Journal of Nanoscience and Nanotechnology, 2017, 17, 5686-5692.	0.9	5
27	The Rapid and Enhanced Reduction of Graphene Oxide by Microwave Assisted Acid Catalyzed Reaction. Journal of Nanoscience and Nanotechnology, 2013, 13, 7104-7107.	0.9	3