

Huynh Ngoc Tien

List of Publications by Year in descending order

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Version: 2024-02-01

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	Novel carbon-based separation membranes composed of integrated zero- and one-dimensional nanomaterials. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1084-1090.	5.2	20
2	Ultrathin, ethylenediamine-functionalized graphene oxide membranes on hollow fibers for CO ₂ capture. <i>Journal of Membrane Science</i> , 2019, 573, 184-191.	4.1	85
3	Polyamide/nitrogen-doped graphene oxide quantum dots (N-GOOD) thin film nanocomposite reverse osmosis membranes for high flux desalination. <i>Desalination</i> , 2019, 451, 125-132.	4.0	133
4	Catalytic N-H Bond Activation and Breaking by a Well-Defined Co ^{II} /O ₄ Site of a Heterogeneous Catalyst. <i>ChemCatChem</i> , 2018, 10, 736-742.	1.8	8
5	Printing ultrathin graphene oxide nanofiltration membranes for water purification. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20860-20866.	5.2	97
6	Ultrathin graphene oxide-based hollow fiber membranes with brush-like CO ₂ -philic agent for highly efficient CO ₂ capture. <i>Nature Communications</i> , 2017, 8, 2107.	5.8	151
7	Three-Dimensional Porous Nitrogen-Doped NiO Nanostructures as Highly Sensitive NO ₂ Sensors. <i>Nanomaterials</i> , 2017, 7, 313.	1.9	20
8	Solution-Processed Transparent Intermediate Layer for Organic Tandem Solar Cell Using Nitrogen-Doped Graphene Quantum Dots. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5686-5692.	0.9	5
9	Enhancement of recombination process using silver and graphene quantum dot embedded intermediate layer for efficient organic tandem cells. <i>Scientific Reports</i> , 2016, 6, 30327.	1.6	21
10	One-step codoping of reduced graphene oxide using boric and nitric acid mixture and its use in metal-free electrocatalyst. <i>Materials Letters</i> , 2015, 143, 205-208.	1.3	10
11	Fast and effective electron transport in a Au-graphene-ZnO hybrid for enhanced photocurrent and photocatalysis. <i>RSC Advances</i> , 2015, 5, 63964-63969.	1.7	44
12	Synthesis of highly durable sulfur doped graphite nanoplatelet electrocatalyst by a fast and simple wet ball milling process. <i>Materials Letters</i> , 2015, 161, 399-403.	1.3	13
13	Fabrication of 3D structured ZnO nanorod/reduced graphene oxide hydrogels and their use for photo-enhanced organic dye removal. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 181-186.	5.0	61
14	Fabrication of Novel 2D NiO Nanosheet Branched on 1D-ZnO Nanorod Arrays for Gas Sensor Application. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-6.	1.5	11
15	A highly sensitive UV sensor composed of 2D NiO nanosheets and 1D ZnO nanorods fabricated by a hydrothermal process. <i>Sensors and Actuators A: Physical</i> , 2014, 207, 20-24.	2.0	26
16	Mechanical properties of graphite/aluminum metal matrix composite joints by friction stir spot welding. <i>Journal of Mechanical Science and Technology</i> , 2014, 28, 499-504.	0.7	21
17	Material properties of graphene/aluminum metal matrix composites fabricated by friction stir processing. <i>International Journal of Precision Engineering and Manufacturing</i> , 2014, 15, 1235-1239.	1.1	178
18	Synthesis of a highly conductive and large surface area graphene oxide hydrogel and its use in a supercapacitor. <i>Journal of Materials Chemistry A</i> , 2013, 1, 208-211.	5.2	217

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19	One-pot synthesis of a reduced graphene oxide-zinc oxide sphere composite and its use as a visible light photocatalyst. <i>Chemical Engineering Journal</i> , 2013, 229, 126-133.	6.6	149
20	Fabrication of a novel 2D-graphene/2D-NiO nanosheet-based hybrid nanostructure and its use in highly sensitive NO ₂ sensors. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 701-705.	4.0	139
21	The Rapid and Enhanced Reduction of Graphene Oxide by Microwave Assisted Acid Catalyzed Reaction. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 7104-7107.	0.9	3
22	Controlled Growth of ZnO Nanomaterials via Hydrothermal Method: Effect of Buffer Layer. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 3313-3316.	0.9	6
23	Fast and Simple Reduction of Graphene Oxide in Various Organic Solvents Using Microwave Irradiation. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 5658-5662.	0.9	17
24	Novel conductive epoxy composites composed of 2-D chemically reduced graphene and 1-D silver nanowire hybrid fillers. <i>Journal of Materials Chemistry</i> , 2012, 22, 8649.	6.7	92
25	Enhanced solvothermal reduction of graphene oxide in a mixed solution of sulfuric acid and organic solvent. <i>Chemical Engineering Journal</i> , 2012, 211-212, 97-103.	6.6	39
26	One-step synthesis of a highly conductive graphene-polypyrrole nanofiber composite using a redox reaction and its use in gas sensors. <i>Physica Status Solidi - Rapid Research Letters</i> , 2012, 6, 379-381.	1.2	27
27	Solution-processed semitransparent graphene oxide:CNT/ZnO heterojunction diodes for visible-blind UV sensors. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2011, 208, 943-946.	0.8	21