

Tran Van Khai

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

800
citations

566801

15
h-index

580395

25
g-index

27
all docs

27
docs citations

27
times ranked

1660
citing authors

#	ARTICLE	IF	CITATIONS
1	Significant enhancement of blue emission and electrical conductivity of N-doped graphene. <i>Journal of Materials Chemistry</i> , 2012, 22, 17992.	6.7	182
2	Comparison study of structural and optical properties of boron-doped and undoped graphene oxide films. <i>Chemical Engineering Journal</i> , 2012, 211-212, 369-377.	6.6	89
3	Influence of N-doping on the structural and photoluminescence properties of graphene oxide films. <i>Carbon</i> , 2012, 50, 3799-3806.	5.4	79
4	Enhancement of quaternary nitrogen doping of graphene oxide via chemical reduction prior to thermal annealing and an investigation of its electrochemical properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 14756.	6.7	58
5	Tunable Bandgap Narrowing Induced by Controlled Molecular Thickness in 2D Mica Nanosheets. <i>Chemistry of Materials</i> , 2015, 27, 4222-4228.	3.2	47
6	Direct production of highly conductive graphene with a low oxygen content by a microwave-assisted solvothermal method. <i>Chemical Engineering Journal</i> , 2013, 232, 346-355.	6.6	46
7	Preparation and characterization of nanocomposite based on polyaniline and graphene nanosheets. <i>Macromolecular Research</i> , 2011, 19, 203-208.	1.0	39
8	Synthesis of phase-controlled iron oxide nanoparticles by pulsed laser ablation in different liquid media. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013, 210, 563-569.	0.8	36
9	Structural, optical and gas sensing properties of vertically well-aligned ZnO nanowires grown on graphene/Si substrate by thermal evaporation method. <i>Materials Characterization</i> , 2018, 141, 296-317.	1.9	31
10	Freeze-drying-induced changes in the properties of graphene oxides. <i>Nanotechnology</i> , 2014, 25, 235601.	1.3	30
11	Synthesis and characterization of single- and few-layer mica nanosheets by the microwave-assisted solvothermal approach. <i>Nanotechnology</i> , 2013, 24, 145602.	1.3	27
12	The effects of dopant on morphology formation in polyaniline graphite nanoplatelet composite. <i>Synthetic Metals</i> , 2011, 161, 177-182.	2.1	22
13	Microwave-Assisted Synthesis of Silver Nanoparticles Using Chitosan: A Novel Approach. <i>Materials and Manufacturing Processes</i> , 2014, 29, 418-421.	2.7	21
14	Controllable synthesis of MoS ₂ /graphene low-dimensional nanocomposites and their electrical properties. <i>Applied Surface Science</i> , 2020, 504, 144193.	3.1	19
15	Diameter- and density-controlled synthesis of well-aligned ZnO nanowire arrays and their properties using a thermal evaporation technique. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012, 209, 1498-1510.	0.8	15
16	Spirally oriented Au microelectrode array sensor for detection of Hg (II). <i>Talanta</i> , 2012, 94, 284-288.	2.9	12
17	Synthesis and Optical Properties of MoS ₂ /Graphene Nanocomposite. <i>Journal of Electronic Materials</i> , 2020, 49, 969-979.	1.0	10
18	Synthesis of Ag/GO nanocomposite with promising photocatalytic ability for reduction reaction of p-nitrophenol. <i>Materials Research Express</i> , 2021, 8, 105009.	0.8	9

#	ARTICLE	IF	CITATIONS
19	Vertically Well-Aligned ZnO Nanowire Arrays Directly Synthesized from Zn Vapor Deposition Without Catalyst. <i>Journal of Electronic Materials</i> , 2016, 45, 2601-2607.	1.0	6
20	Temperature-controlled synthesis and characterization of Bi ₄ Ge ₃ O ₁₂ nanowires. <i>Chemical Engineering Journal</i> , 2013, 222, 337-344.	6.6	5
21	One-pot synthesis of h-BN fullerenes using a graphene oxide template. <i>Metals and Materials International</i> , 2015, 21, 950-955.	1.8	5
22	A Two-Step Method for the Preparation of Highly Conductive Graphene Film and Its Gas-Sensing Property. <i>Materials Sciences and Applications</i> , 2015, 06, 963-977.	0.3	4
23	Fabrication and magnetic properties of In ₂ O ₃ /NiMnGa core-shell nanowires. <i>Thin Solid Films</i> , 2013, 546, 219-225.	0.8	3
24	Catalyst-free thermally evaporated growth and optical properties of ZnO nanowires on Si, GaN and sapphire substrates. <i>Crystal Research and Technology</i> , 2013, 48, 75-86.	0.6	3
25	SIMPLE SYNTHESIS OF GRAPHENE NANOSHEETS USING A MICROWAVE-ASSISTED METHOD. <i>Science and Technology</i> , 2018, 55, 30.	0.1	2
26	Formation of the Feasibility of Housing Projects in Vietnam Incorporating the Physical and Social Factors. <i>Procedia Engineering</i> , 2016, 142, 342-348.	1.2	0
27	CATALYST-FREE GROWTH OF WELL-ALIGNED ZnO NANOWIRES ON GRAPHENE/Si SUBSTRATE BY THERMAL EVAPORATION. <i>Science and Technology</i> , 2018, 55, 174.	0.1	0