

Duy-Trinh Nguyen

List of Publications by Year in descending order

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Version: 2024-02-01

192
papers

5,248
citations

87401

40
h-index

156644

58
g-index

193
all docs

193
docs citations

193
times ranked

4615
citing authors

#	ARTICLE	IF	CITATIONS
1	Substitution of V ⁵⁺ in BiVO ₄ with Ni ²⁺ and the Improved Photocatalytic Degradation of Crystal Violet Under White LED Light Irradiation. <i>Topics in Catalysis</i> , 2023, 66, 2-11.	1.3	3
2	Facile synthesis of bismuth(III) based metal-organic framework with difference ligands using microwave irradiation method. <i>Chemical Engineering Research and Design</i> , 2022, 177, 321-330.	2.7	34
3	Rashba-type spin splitting and transport properties of novel Janus XWGeN ₂ (X = O, S, Se.) <i>TJ ETQq1 1 0,784314 rgBT /O</i>	1.3	18
4	Improvements in hydrogen production from methane dry reforming on filament-shaped mesoporous alumina-supported cobalt nanocatalyst. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 24781-24790.	3.8	16
5	Primary biosorption mechanism of lead (II) and cadmium (II) cations from aqueous solution by pomelo (<i>Citrus maxima</i>) fruit peels. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63504-63515.	2.7	21
6	Linearized and nonlinearized modellings for comparative uptake assessment of metal-organic framework-derived nanocomposite towards sulfonamide antibiotics. <i>Environmental Science and Pollution Research</i> , 2021, 28, 63448-63463.	2.7	5
7	Hydrogen production via CO ₂ /CH ₄ reforming over cobalt-supported mesoporous alumina: A kinetic evaluation. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 24742-24753.	3.8	7
8	Biogenic synthesis of MgO nanoparticles from different extracts (flower, bark, leaf) of <i>Tecoma stans</i> (L.) and their utilization in selected organic dyes treatment. <i>Journal of Hazardous Materials</i> , 2021, 404, 124146.	6.5	91
9	Response surface methodology modeling for methylene blue removal by chemically modified porous carbon: Adsorption mechanism and role of surface functional groups. <i>Separation Science and Technology</i> , 2021, 56, 2232-2242.	1.3	7
10	Influence of Brønsted and Lewis acidity of the modified Al-MCM-41 solid acid on cellulose conversion and 5-hydroxymethylfurfuran selectivity. <i>Chemosphere</i> , 2021, 265, 129062.	4.2	29
11	Zeolitic-imidazolate framework-derived N-self-doped porous carbons with ultrahigh theoretical adsorption capacities for tetracycline and ciprofloxacin. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104938.	3.3	48
12	A new triterpenoid and other compounds from lichens <i>Cryptothecia faveomaculata</i> Makhija & Patw. <i>Natural Product Research</i> , 2021, 35, 1349-1356.	1.0	3
13	Crystal violet degradation over BiVO ₄ photocatalyst under visible light irradiation. <i>Chemical Engineering Communications</i> , 2021, 208, 530-538.	1.5	8
14	Palladium nanoparticles in situ synthesized on <i>Cyclea barbata</i> pectin as a heterogeneous catalyst for Heck coupling in water, the reduction of nitrophenols and alkynes. <i>New Journal of Chemistry</i> , 2021, 45, 4746-4755.	1.4	10
15	Discussion of electronic, transport, optical, and thermoelectric properties of Janus monolayers		

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19	Solvothermal synthesis and photocatalytic activity of metal-organic framework materials based on bismuth and trimesic acid. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 20, 100385.	1.6	5
20	Two-Dimensional Boron Phosphide/MoGe ₂ N ₄ van der Waals Heterostructure: A Promising Tunable Optoelectronic Material. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5076-5084.	2.1	54
21	Quantum magnetotransport properties of silicene: Influence of the acoustic phonon correction. <i>Physical Review B</i> , 2021, 104, .	1.1	6
22	The degradation of paraben preservatives: Recent progress and sustainable approaches toward photocatalysis. <i>Chemosphere</i> , 2021, 276, 130163.	4.2	42
23	A theoretical study on elastic, electronic, transport, optical and thermoelectric properties of Janus SnSO monolayer. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 475306.	1.3	7
24	Agar/maltodextrin/poly(vinyl alcohol) walled montmorillonite composites for removal of methylene blue from aqueous solutions. <i>Surfaces and Interfaces</i> , 2021, 26, 101410.	1.5	5
25	Bimetallic Ag-Zn-BTC/GO composite as highly efficient photocatalyst in the photocatalytic degradation of reactive yellow 145 dye in water. <i>Journal of Hazardous Materials</i> , 2021, 420, 126560.	6.5	57
26	Multifunctional ZnO nanoparticles bio-fabricated from <i>Canna indica</i> L. flowers for seed germination, adsorption, and photocatalytic degradation of organic dyes. <i>Journal of Hazardous Materials</i> , 2021, 420, 126586.	6.5	90
27	Microwave-assisted solvothermal synthesis of bimetallic metal-organic framework for efficient photodegradation of organic dyes. <i>Materials Chemistry and Physics</i> , 2021, 272, 125040.	2.0	41
28	Engineering conversion of Asteraceae plants into biochars for exploring potential applications: A review. <i>Science of the Total Environment</i> , 2021, 797, 149195.	3.9	33
29	MIL-53 (Fe) derived magnetic porous carbon as a robust adsorbent for the removal of phenolic compounds under the optimized conditions. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 102902.	3.3	48
30	Boron-doped Ni/SBA-15 catalysts with enhanced coke resistance and catalytic performance for dry reforming of methane. <i>Journal of the Energy Institute</i> , 2020, 93, 31-42.	2.7	37
31	Ethanol CO ₂ reforming on La ₂ O ₃ and CeO ₂ -promoted Cu/Al ₂ O ₃ catalysts for enhanced hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 18398-18410.	3.8	24
32	Enhanced selective adsorption of cation organic dyes on polyvinyl alcohol/agar/maltodextrin water-resistant biomembrane. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48904.	1.3	44
33	Facile solvothermal synthesis of monoclinic-tetragonal heterostructured BiVO ₄ for photodegradation of rhodamine B. <i>Catalysis Communications</i> , 2020, 136, 105920.	1.6	18
34	Hydrothermal Synthesis of Cobalt Doped Magnetite Nanoparticles for Corrosion Protection of Epoxy Coated Reinforced Steel. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 3519-3526.	0.9	8
35	Novel Nano-Fe ₂ O ₃ -Co ₃ O ₄ Modified Dolomite and Its Use as Highly Efficient Catalyst in the Ozonation of Ammonium Solution. <i>Journal of Nanomaterials</i> , 2020, 2020, 1-11.	1.5	4
36	Editorial for the Special Issue: Energy Security and Chemical Engineering Congress (ESChE) 2019, Penang, Malaysia. <i>Waste and Biomass Valorization</i> , 2020, 11, 5521-5521.	1.8	0

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37	Aminated hollow mesoporous silica nanoparticles as an enhanced loading and sustained releasing carrier for doxorubicin delivery. <i>Microporous and Mesoporous Materials</i> , 2020, 309, 110543.	2.2	35
38	Adsorption Behaviours of Anionic Azo Dye (Congo Red) from Aqueous Solution on Magnetic Expanded Graphite Material (EG@CoFe ₂ O ₄) Composites. <i>Asian Journal of Chemistry</i> , 2020, 32, 865-870.	0.1	1
39	Insight into the influence of rare-earth promoter (CeO ₂ , La ₂ O ₃ , Y ₂ O ₃ , and Sm ₂ O ₃) addition toward methane dry reforming over Co/mesoporous alumina catalysts. <i>Chemical Engineering Science</i> , 2020, 228, 115967.	1.9	53
40	Interfacial characteristics, Schottky contact, and optical performance of a graphene/S ₂ Se van der Waals heterostructure: Strain engineering and electric field tunability. <i>Physical Review B</i> , 2020, 102, .	1.1	100
41	Bimetallic Al/Fe Metal-Organic Framework for highly efficient photo-Fenton degradation of rhodamine B under visible light irradiation. <i>Materials Letters</i> , 2020, 279, 128482.	1.3	40
42	Hexagonal Fe-based MIL-88B nanocrystals with NH ₂ functional groups accelerating oxytetracycline capture via hydrogen bonding. <i>Surfaces and Interfaces</i> , 2020, 20, 100605.	1.5	26
43	Low-energy bands, optical properties, and spin/valley-Hall conductivity of silicene and germanene. <i>Journal of Materials Science</i> , 2020, 55, 14848-14857.	1.7	10
44	Preface to the Special Issue on "Heterogeneous Photocatalysts: From Fundamentals to Innovative Applications". <i>Topics in Catalysis</i> , 2020, 63, 955-955.	1.3	0
45	Electronic and photocatalytic properties of two-dimensional boron phosphide/SiC van der Waals heterostructure with direct type-II band alignment: a first principles study. <i>RSC Advances</i> , 2020, 10, 32027-32033.	1.7	18
46	Recyclable Fe ₃ O ₄ @C nanocomposite as potential adsorbent for a wide range of organic dyes and simulated hospital effluents. <i>Environmental Technology and Innovation</i> , 2020, 20, 101122.	3.0	32
47	Cu-Fe Incorporated Graphene-Oxide Nanocomposite as Highly Efficient Catalyst in the Degradation of Dichlorodiphenyltrichloroethane (DDT) from Aqueous Solution. <i>Topics in Catalysis</i> , 2020, 63, 1314-1324.	1.3	13
48	Magneto-optical absorption in silicene and germanene induced by electric and Zeeman fields. <i>Physical Review B</i> , 2020, 101, .	1.1	25
49	Facile solvothermal synthesis of highly active monoclinic scheelite BiVO ₄ for photocatalytic degradation of methylene blue under white LED light irradiation. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8388-8394.	2.3	19
50	Chitosan-MnO ₂ nanocomposite for effective removal of Cr (VI) from aqueous solution. <i>Chemosphere</i> , 2020, 257, 127147.	4.2	58
51	Metal-organic framework HKUST-1-based Cu/Cu ₂ O/CuO@C porous composite: Rapid synthesis and uptake application in antibiotics remediation. <i>Journal of Water Process Engineering</i> , 2020, 36, 101319.	2.6	41
52	BiVO ₄ photocatalysis design and applications to oxygen production and degradation of organic compounds: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 1779-1801.	8.3	100
53	Development of Response Surface Methodology for Optimization of Congo Red Adsorption Utilizing Exfoliated Graphite As An Efficient Adsorbent. <i>Materials Today: Proceedings</i> , 2020, 22, 2341-2350.	0.9	5
54	Synthesis and Application of Novel Nano Fe-BTC/GO Composites as Highly Efficient Photocatalysts in the Dye Degradation. <i>Topics in Catalysis</i> , 2020, 63, 1046-1055.	1.3	25

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55	Interlayer coupling and electric field controllable Schottky barriers and contact types in graphene/ <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Pb</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> heterostructures. Physical Review B, 2020, 101, .	1.1	76
56	Microwave-assisted solvothermal fabrication of hybrid zeoliticâ€“imidazolate framework (ZIF-8) for optimizing dyes adsorption efficiency using response surface methodology. Journal of Environmental Chemical Engineering, 2020, 8, 104189.	3.3	58
57	Photocatalytic reduction of <sc>CO₂</sc> to methanol over <sc>ZnFe₂O₄</sc>/<sc>TiO₂</sc> (pâ€“n) heterojunctions under visible light irradiation. Journal of Chemical Technology and Biotechnology, 2020, 95, 2208-2221.	1.6	31
58	First-principles prediction of chemically functionalized InN monolayers: electronic and optical properties. RSC Advances, 2020, 10, 10731-10739.	1.7	13
59	Effects of electric field and strain engineering on the electronic properties, band alignment and enhanced optical properties of ZnO/Janus ZrSSe heterostructures. RSC Advances, 2020, 10, 9824-9832.	1.7	15
60	Synergistic Influences of Stearic Acid Coating and Recycled PET Microfibers on the Enhanced Properties of Composite Materials. Materials, 2020, 13, 1461.	1.3	26
61	Effects of different surface functionalization on the electronic properties and contact types of graphene/functionalized-GeC van der Waals heterostructures. Physical Chemistry Chemical Physics, 2020, 22, 7952-7961.	1.3	29
62	Electronic structure, optoelectronic properties and enhanced photocatalytic response of GaNâ€“GeC van der Waals heterostructures: a first principles study. RSC Advances, 2020, 10, 24127-24133.	1.7	28
63	Optimization, equilibrium, adsorption behavior and role of surface functional groups on graphene oxide-based nanocomposite towards diclofenac drug. Journal of Environmental Sciences, 2020, 93, 137-150.	3.2	76
64	La-doped cobalt supported on mesoporous alumina catalysts for improved methane dry reforming and coke mitigation. Journal of the Energy Institute, 2020, 93, 1571-1580.	2.7	29
65	Computational insights into structural, electronic and optical characteristics of GeC/C₂N van der Waals heterostructures: effects of strain engineering and electric field. RSC Advances, 2020, 10, 2967-2974.	1.7	12
66	Magneto-optical transport properties of monolayer transition metal dichalcogenides. Physical Review B, 2020, 101, .	1.1	69
67	High performance of Mn ₂ (BDC) ₂ (DMF) ₂ -derived MnO@C nanocomposite as superior remediator for a series of emergent antibiotics. Journal of Molecular Liquids, 2020, 308, 113038.	2.3	28
68	Microwave-Assisted Solvothermal Synthesis and Photocatalytic Activity of Bismuth(III) Based Metalâ€“Organic Framework. Topics in Catalysis, 2020, 63, 1109-1120.	1.3	38
69	Recent Advances in Steam Reforming of Glycerol for Syngas Production. , 2020, , 399-425.		8
70	Magneto-optical absorption in PÃ¶schlâ€“Teller-like quantum well. Physica B: Condensed Matter, 2020, 592, 412279.	1.3	4
71	Process Optimization Studies of Congo Red Dye Adsorption onto Magnesium Aluminium Layered Double Hydroxide Using Response Surface Methodology. Polish Journal of Environmental Studies, 2020, 30, 679-687.	0.6	7
72	Conversion of Carbon Dioxide into Formaldehyde. Environmental Chemistry for A Sustainable World, 2020, , 159-183.	0.3	2

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73	Recent progress in ethanol steam reforming for hydrogen generation. , 2020, , 57-80.		0
74	High photocatalytic activity of magnetic composite photocatalyst NiFe ₂ O ₄ /BiVO ₄ for rhodamine b degradation under visible led light irradiation. Science and Technology, 2020, 58, 718-727.	0.1	0
75	New direction in research on extraction of Citrus aurantifolia (Lemon fruit) essential oil grown in Mekong Delta - Vietnam via microwave-assisted hydrodistillation. IOP Conference Series: Materials Science and Engineering, 2019, 542, 012038.	0.3	3
76	Catalytic performance of yttrium-doped co/mesoporous alumina catalysts for methane dry reforming. AIP Conference Proceedings, 2019, , .	0.3	3
77	Cellulose Conversion to 5 Hydroxymethyl Furfural (5-HMF) Using Al-Incorporated SBA-15 as Highly Efficient Catalyst. Journal of Chemistry, 2019, 2019, 1-8.	0.9	14
78	Production of syngas from ethanol CO ₂ reforming on La-doped Cu/Al ₂ O ₃ : Impact of promoter loading. AIP Conference Proceedings, 2019, , .	0.3	5
79	Strain and electric field engineering of band alignment in InSe/Ca(OH) ₂ heterostructure. Chemical Physics Letters, 2019, 732, 136649.	1.2	5
80	Effect of thermolysis condition on characteristics and nonsteroidal anti-inflammatory drugs (NSAIDs) absorbability of Fe-MIL-88B-derived mesoporous carbons. Journal of Environmental Chemical Engineering, 2019, 7, 103356.	3.3	35
81	Kinetics, Isotherm, Thermodynamics, and Recyclability of Exfoliated Graphene-Decorated MnFe ₂ O ₄ Nanocomposite Towards Congo Red Dye. Journal of Chemistry, 2019, 2019, 1-16.	0.9	9
82	A Precised Surface Modification of Hydroxyapatite with Poly(methylmethacrylate) for Tissue Engineering & Regenerative Medicine. Asian Journal of Chemistry, 2019, 31, 545-550.	0.1	1
83	Synthesized BiVO ₄ was by the co-precipitation method for Rhodamine B degradation under visible light. IOP Conference Series: Materials Science and Engineering, 2019, 542, 012058.	0.3	6
84	Characterization of Collagen Derived From Tropical Freshwater Carp Fish Scale Wastes and Its Amino Acid Sequence. Natural Product Communications, 2019, 14, 1934578X1986628.	0.2	43
85	Novel lanthanum-modified activated carbon derived from pine cone biomass as ecofriendly bio-sorbent for removal of phosphate and nitrate in wastewater. Rendiconti Lincei, 2019, 30, 637-647.	1.0	21
86	Application of Fe-based metal-organic framework and its pyrolysis products for sulfonamide treatment. Environmental Science and Pollution Research, 2019, 26, 28106-28126.	2.7	32
87	Co ²⁺ substituted for Bi ³⁺ in BiVO ₄ and its enhanced photocatalytic activity under visible LED light irradiation. RSC Advances, 2019, 9, 23526-23534.	1.7	30
88	Adsorption Isotherms and Kinetic Models for Congo Red Adsorption on Ca-Al Layer Double Hydroxide Adsorbent. Solid State Phenomena, 2019, 298, 128-132.	0.3	1
89	Green and Facile Synthesis of Dendritic and Branched Gold Nanoparticles by Gelatin and Investigation of Their Biocompatibility on Fibroblast Cells. Processes, 2019, 7, 631.	1.3	8
90	Response surface methodology-optimized removal of chloramphenicol pharmaceutical from wastewater using Cu ₃ (BTC) ₂ -derived porous carbon as an efficient adsorbent. Comptes Rendus Chimie, 2019, 22, 794-803.	0.2	37

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91	Amino-functionalized MIL-88B(Fe)-based porous carbon for enhanced adsorption toward ciprofloxacin pharmaceutical from aquatic solutions. <i>Comptes Rendus Chimie</i> , 2019, 22, 804-812.	0.2	43
92	The Synthesis of N-(Pyridin-2-yl)-Benzamides from Aminopyridine and Trans-Beta-Nitrostyrene by Fe ₂ Ni-BDC Bimetallic Metal-Organic Frameworks. <i>Processes</i> , 2019, 7, 789.	1.3	8
93	Process Optimization Studies of Congo Red Dye Adsorption onto Nickel Iron Layered Double Hydroxide Using Response Surface Methodology. <i>Solid State Phenomena</i> , 2019, 298, 83-88.	0.3	4
94	Effective Photocatalytic Activity of Sulfate-Modified BiVO ₄ for the Decomposition of Methylene Blue Under LED Visible Light. <i>Materials</i> , 2019, 12, 2681.	1.3	21
95	Insight into the adsorption mechanisms of methylene blue and chromium(III) from aqueous solution onto pomelo fruit peel. <i>RSC Advances</i> , 2019, 9, 25847-25860.	1.7	133
96	Synthesis of cobalt ferrite and simultaneous determination of ascorbic acid, acetaminophen and caffeine by voltammetric method using cobalt ferrite modified electrode. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17245-17261.	1.1	10
97	A Facile Synthesis and Properties of Bismuth Vanadate (BiVO ₄) Photocatalyst by Hydrothermal Method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 542, 012059.	0.3	4
98	Kinetic Modeling of Hydrodistillation of Essential Oil Production from Orange (<i>Citrus sinensis</i>) Peels on Pilot Scale. <i>Asian Journal of Chemistry</i> , 2019, 31, 2298-2302.	0.1	2
99	Phonon-assisted cyclotron resonance in PbTe -Teller quantum well. <i>Journal of Applied Physics</i> , 2019, 126, .	1.1	18
100	Synthesis of Needle-Like BiVO ₄ with Improved Photocatalytic Activity Under Visible Light Irradiation. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 7696-7701.	0.9	7
101	The Study on Extraction Process and Analysis of Components in Essential Oils of Black Pepper (<i>Piper</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	1.3	95
102	Chemical Synthesis and Characterization of Poly(poly(ethylene glycol) methacrylate)-Grafted CdTe Nanocrystals via RAFT Polymerization for Covalent Immobilization of Adenosine. <i>Polymers</i> , 2019, 11, 77.	2.0	7
103	One- and two-photon-induced cyclotron-phonon resonance in modified- PbTe -Teller quantum well. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	11
104	Superior visible light photocatalytic activity of g-C ₃ N ₄ /NiWO ₄ direct Z system for degradation of gaseous toluene. <i>Journal of Solid State Chemistry</i> , 2019, 272, 62-68.	1.4	44
105	Process Optimization by a Response Surface Methodology for Adsorption of Congo Red Dye onto Exfoliated Graphite-Decorated MnFe ₂ O ₄ Nanocomposite: The Pivotal Role of Surface Chemistry. <i>Processes</i> , 2019, 7, 305.	1.3	32
106	High Photocatalytic Performance of Pd/PdO _x -Supported BiVO ₄ Nanoparticles for Rhodamine B Degradation under Visible LED Light Irradiation. <i>ChemistrySelect</i> , 2019, 4, 6048-6054.	0.7	5
107	Tri-layered van der Waals heterostructures based on graphene, gallium selenide and molybdenum selenide. <i>Journal of Applied Physics</i> , 2019, 125, .	1.1	13
108	A new iron-based metal-organic framework with enhancing catalysis activity for benzene hydroxylation. <i>RSC Advances</i> , 2019, 9, 16784-16789.	1.7	21

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109	Combination of La-TiO ₂ and activated carbon fiber for degradation of toxic organic pollutants under the visible light. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103180.	3.3	18
110	Monoglyceride as an effective and friendly modification agent for nano-layered structure of Montmorillonite. <i>Applied Clay Science</i> , 2019, 179, 105100.	2.6	8
111	A hollow mesoporous carbon from metal-organic framework for robust adsorbability of ibuprofen drug in water. <i>Royal Society Open Science</i> , 2019, 6, 190058.	1.1	30
112	Combined Minimum-Run Resolution IV and Central Composite Design for Optimized Removal of the Tetracycline Drug Over Metal-Organic Framework-Templated Porous Carbon. <i>Molecules</i> , 2019, 24, 1887.	1.7	30
113	Excitonic nonlinear optical properties in AlN/GaN spherical core/shell quantum dots under pressure. <i>MRS Communications</i> , 2019, 9, 663-669.	0.8	9
114	Novel method for sustainable and selective separation of PVC and PET by the homogeneous dissociation of H ₂ O ₂ using ultrasonication. <i>Journal of Material Cycles and Waste Management</i> , 2019, 21, 1085-1094.	1.6	7
115	Research on some factors affecting extraction of chlorophyll from mulberry leaves (<i>Morus alba</i>). <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 479, 012004.	0.3	2
116	Functional Magnetic Core-Shell System-Based Iron Oxide Nanoparticle Coated with Biocompatible Copolymer for Anticancer Drug Delivery. <i>Pharmaceutics</i> , 2019, 11, 120.	2.0	44
117	Metal-Organic Framework MIL-53(Fe) as an Adsorbent for Ibuprofen Drug Removal from Aqueous Solutions: Response Surface Modeling and Optimization. <i>Journal of Chemistry</i> , 2019, 2019, 1-11.	0.9	46
118	Evaluation of Conditions Affecting Properties of Gac (<i>Momordica Cochinchinensis</i> Spreng) Oil-Loaded Solid Lipid Nanoparticles (SLNs) Synthesized Using High-Speed Homogenization Process. <i>Processes</i> , 2019, 7, 90.	1.3	24
119	A simple synthesis route for preparation and optical properties of PMMA-g-ZnO nanocomposites through surface-initiated radical polymerization. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 479, 012108.	0.3	1
120	Facile synthesis of manganese oxide-embedded mesoporous carbons and their adsorbability towards methylene blue. <i>Chemosphere</i> , 2019, 227, 455-461.	4.2	45
121	Integration of Membrane Bioreactor and Nanofiltration for the Treatment Process of Real Hospital Wastewater in Ho Chi Minh City, Vietnam. <i>Processes</i> , 2019, 7, 123.	1.3	22
122	Synthesis and magnetic properties of graphene oxide-decorated cobalt, manganese and nickel ferrite nanoparticles prepared by polymerized route. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 479, 012114.	0.3	6
123	Electric field tunable electronic properties of P-ZnO and SiC-ZnO van der Waals heterostructures. <i>Computational Materials Science</i> , 2019, 164, 166-170.	1.4	27
124	Preparation, Characterization and Photocatalytic Activity of La-Doped Zinc Oxide Nanoparticles. <i>Materials</i> , 2019, 12, 1195.	1.3	66
125	Controlling electronic properties of PtS ₂ /InSe van der Waals heterostructure via external electric field and vertical strain. <i>Chemical Physics Letters</i> , 2019, 724, 1-7.	1.2	26
126	Tunable Synthesis of Mesoporous Carbons from Fe ₃ O(BDC) ₃ for Chloramphenicol Antibiotic Remediation. <i>Nanomaterials</i> , 2019, 9, 237.	1.9	32

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127	Strain-Tunable Electronic and Optical Properties of Monolayer Germanium Monosulfide: Ab-Initio Study. <i>Journal of Electronic Materials</i> , 2019, 48, 2902-2909.	1.0	14
128	Visible Light Induced Enhanced Photocatalytic Degradation of Industrial Effluents (Rhodamine B) Using BiVO ₄ Nanoparticles. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 542, 012060.	0.3	2
129	Band alignment and optical features in Janus-MoSeTe/X(OH) ₂ (X = Ca, Mg) van der Waals heterostructures. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25849-25858.	1.3	40
130	Effect of capping methods on the morphology of silver nanoparticles: study on the media-induced release of silver from the nanocomposite β -cyclodextrin/alginate. <i>New Journal of Chemistry</i> , 2019, 43, 16841-16852.	1.4	11
131	Chemical Components of Agarwood (<i>Aquilaria crassna</i>) Essential Oils Grown in Various Regions of Asia. <i>Asian Journal of Chemistry</i> , 2019, 32, 36-40.	0.1	9
132	Extraction conditions of Polyphenol, Flavonoid compounds with Antioxidant activity from <i>Veronia amygdalina</i> Del. Leaves: Modeling and optimization of the process using the response surface methodology RSM. <i>Materials Today: Proceedings</i> , 2019, 18, 4004-4010.	0.9	3
133	A Simple Route for the Synthesis of Fe/C composite derived from the metal-organic framework MIL-53 (Fe). <i>Materials Today: Proceedings</i> , 2019, 18, 2422-2429.	0.9	5
134	Adsorption behavior of Congo red dye from aqueous solutions onto exfoliated graphite as an adsorbent: Kinetic and isotherm studies. <i>Materials Today: Proceedings</i> , 2019, 18, 4449-4457.	0.9	12
135	Effect of drying temperature and storage time on <i>Ocimum gratissimum</i> Linn. leaf essential oil from Central Highlands, Vietnam. <i>Materials Today: Proceedings</i> , 2019, 18, 4648-4658.	0.9	9
136	Schottky anomaly and α el temperature treatment of possible perturbed hydrogenated AA-stacked graphene, SiC, and h-BN bilayers. <i>RSC Advances</i> , 2019, 9, 41569-41580.	1.7	10
137	Electronic and optical properties of Janus ZrSSe by density functional theory. <i>RSC Advances</i> , 2019, 9, 41058-41065.	1.7	81
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