

Viet Van Pham

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,599
citations

279487

23
h-index

344852

36
g-index

74
all docs

74
docs citations

74
times ranked

1438
citing authors

#	ARTICLE	IF	CITATIONS
1	PANI-CNTs Microstructure with Interconnected NiO \rightarrow NiOOH Particles as Selective Sensing Interface for Methanol Electrochemical Sensor. <i>Journal of Cluster Science</i> , 2023, 34, 1259-1267.	1.7	3
2	Combining SnO _{2-x} and g-C ₃ N ₄ nanosheets toward S-scheme heterojunction for high selectivity into green products of NO degradation reaction under visible light. <i>Journal of Materiomics</i> , 2022, 8, 1-8.	2.8	16
3	Enhanced heterogeneous photocatalytic peroxide degradation of amoxicillin by ZnO modified TiO ₂ nanocomposites under visible light irradiation. <i>Materials Science in Semiconductor Processing</i> , 2022, 142, 106456.	1.9	15
4	Tin dioxide nanomaterial-based photocatalysts for nitrogen oxide oxidation: a review. <i>Beilstein Journal of Nanotechnology</i> , 2022, 13, 96-113.	1.5	12
5	S-Scheme $\text{Fe}_2\text{O}_3/\text{g-C}_3\text{N}_4$ Nanocomposites as Heterojunction Photocatalysts for Antibiotic Degradation. <i>ACS Applied Nano Materials</i> , 2022, 5, 4506-4514.	2.4	59
6	Enhancing Green Product Generation of Photocatalytic NO Oxidation: A Case of WO ₃ Nanoplate/g-C ₃ N ₄ S-Scheme Heterojunction. <i>Langmuir</i> , 2022, 38, 4138-4146.	1.6	22
7	A fabrication of CNTs/TiO ₂ /polyurethane films toward antibacterial and protective coatings. <i>Progress in Organic Coatings</i> , 2022, 167, 106838.	1.9	9
8	Direct fabrication of graphitic carbon nitride-wrapped titanate nanotube arrays toward photoelectrochemical water oxidation in neutral medium. <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 2523-2531.	1.2	5
9	Localized surface plasmonic resonance role of silver nanoparticles in the enhancement of long-chain hydrocarbons of the CO ₂ reduction over Ag-gC ₃ N ₄ /ZnO nanorods photocatalysts. <i>Chemical Engineering Science</i> , 2021, 229, 116049.	1.9	34
10	Combustion and emission characteristics of spark and compression ignition engine fueled with 2,5-dimethylfuran (DMF): A comprehensive review. <i>Fuel</i> , 2021, 288, 119757.	3.4	22
11	A state-of-the-art review on emission characteristics of SI and CI engines fueled with 2,5-dimethylfuran biofuel. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4918-4950.	2.7	20
12	Insight into the degradation of p-nitrophenol by visible-light-induced activation of peroxymonosulfate over Ag/ZnO heterojunction. <i>Chemosphere</i> , 2021, 268, 129291.	4.2	54
13	Activation of potassium peroxymonosulfate for rhodamine B photocatalytic degradation over visible-light-driven conjugated polyvinyl chloride/Bi ₂ O ₃ hybrid structure. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 19, 100367.	1.6	15
14	Visible-light-driven photocatalysis of anisotropic silver nanoparticles decorated on ZnO nanorods: Synthesis and characterizations. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105103.	3.3	57
15	Thermal Treatment of Polyvinyl Alcohol for Coupling MoS ₂ and TiO ₂ Nanotube Arrays toward Enhancing Photoelectrochemical Water Splitting Performance. <i>Catalysts</i> , 2021, 11, 857.	1.6	14
16	Constructing g-C ₃ N ₄ /SnO ₂ S-scheme heterojunctions for efficient photocatalytic NO removal and low NO ₂ generation. <i>Journal of Science: Advanced Materials and Devices</i> , 2021, 6, 551-559.	1.5	11
17	Facile ball-milling synthesis of TiO ₂ modified ZnO for efficient photocatalytic removal of atmospheric nitric oxide gas under solar light irradiation. <i>Chemical Physics Letters</i> , 2021, 775, 138642.	1.2	11
18	SnO ₂ Nanoparticles Decorated on Graphitic Carbon Nitride as S-Scheme Photocatalysts for Activation of Peroxymonosulfate. <i>ACS Applied Nano Materials</i> , 2021, 4, 9333-9343.	2.4	24

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19	Revealing DeNO _x and DeVOC Reactions via the Study of the Surface and Bandstructure of ZnSn(OH) ₆ Photocatalysts. <i>Acta Materialia</i> , 2021, 215, 117068.	3.8	20
20	Emerging 2D/0D g-C ₃ N ₄ /SnO ₂ S-scheme photocatalyst: New generation architectural structure of heterojunctions toward visible-light-driven NO degradation. <i>Environmental Pollution</i> , 2021, 286, 117510.	3.7	60
21	High-efficient photocatalytic degradation of commercial drugs for pharmaceutical wastewater treatment prospects: A case study of Ag/g-C ₃ N ₄ /ZnO nanocomposite materials. <i>Chemosphere</i> , 2021, 282, 130971.	4.2	39
22	Efficient nickel or copper oxides decorated grapheneâ€“polyaniline interface for application in selective methanol sensing. <i>RSC Advances</i> , 2021, 11, 28573-28580.	1.7	5
23	Design of NiOOH/PANI-Gr and NiOOH/PANI-CNTs Interfaces for Sensitive and Selective Methanol Electrochemical Sensors. <i>Journal of the Electrochemical Society</i> , 2021, 168, 107509.	1.3	4
24	Revisiting the Key Optical and Electrical Characteristics in Reporting the Photocatalysis of Semiconductors. <i>ACS Omega</i> , 2021, 6, 27379-27386.	1.6	29
25	Finite Element Method Application to Determine Appropriate Splitting Parameters for Dimensional Stone Quarries. <i>Inzynieria Mineralna</i> , 2021, 1, .	0.2	0
26	Visible-light-driven photocatalysis for methylene blue degradation and hydrogen evolution reaction: a case of black TiO ₂ nanotube arrays. <i>Journal of the Australian Ceramic Society</i> , 2020, 56, 849-857.	1.1	12
27	Green synthesis of Ag@SnO ₂ nanocomposites for enhancing photocatalysis of nitrogen monoxide removal under solar light irradiation. <i>Catalysis Communications</i> , 2020, 136, 105902.	1.6	21
28	Enhancing photocatalysis of NO gas degradation over g-C ₃ N ₄ modified \pm -Bi ₂ O ₃ microrods composites under visible light. <i>Materials Letters</i> , 2020, 281, 128637.	1.3	19
29	Straightforward Synthesis of SnO ₂ /Bi ₂ S ₃ /BiOClâ€“Bi ₂₄ O ₃₁ Cl ₁₀ Composites for Drastically Enhancing Rhodamine B Photocatalytic Degradation under Visible Light. <i>ACS Omega</i> , 2020, 5, 20438-20449.	1.6	40
30	Visible-light-induced photo-Fenton degradation of rhodamine B over Fe ₂ O ₃ -diatomite materials. <i>Journal of Science: Advanced Materials and Devices</i> , 2020, 5, 308-315.	1.5	17
31	Aalyzing and selecting the typical propulsion systems for ocean supply vessels. , 2020, , .		9
32	Peroxymonosulfate Activation on a Hybrid Material of Conjugated PVC and TiO ₂ Nanotubes for Enhancing Degradation of Rhodamine B under Visible Light. <i>Advances in Polymer Technology</i> , 2020, 1-9.	0.8	3
33	Preparation of conjugated polyvinyl chloride/ TiO_2 nanotubes for Rhodamine B photocatalytic degradation under visible light. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2707-2714.	1.6	21
34	Fast and simple synthesis of triangular silver nanoparticles under the assistance of light. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 594, 124659.	2.3	23
35	Extraction of High Crystalline Nanocellulose from Biorenewable Sources of Vietnamese Agricultural Wastes. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1465-1474.	2.4	53
36	A comparison study of the photocatalytic activity of ZnO nanoparticles for organic contaminants degradation under low-power UV-A lamp. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2020, 11, 015005.	0.7	16

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37	Role of Light in the Improvement of Nanoparticle Synthesis. , 2020, , 103-120.		0
38	One-pot hydrothermal synthesis of Si doped TiO ₂ nanotubes from commercial material sources for visible light-driven photocatalytic activity. Materials Research Express, 2019, 6, 055006.	0.8	9
39	Investigation on Photocatalytic Removal of NO under Visible Light over Cr-Doped ZnO Nanoparticles. ACS Omega, 2019, 4, 12853-12859.	1.6	55
40	Adsorption and photocatalytic degradation of methylene blue by titanium dioxide nanotubes at different pH conditions. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2019, 10, 045011.	0.7	7
41	Effect of Cr Doping on Visible-Light-Driven Photocatalytic Activity of ZnO Nanoparticles. Journal of Electronic Materials, 2019, 48, 7378-7388.	1.0	17
42	Excellent visible light-driven photocatalytic performance and band alignment of g-C ₃ N ₄ /TiO ₂ nanotube heterostructures. Materials Research Express, 2019, 6, 085061.	0.8	7
43	Direct Synthesis of Reduced Graphene Oxide/TiO ₂ Nanotubes Composite from Graphite Oxide as a High-Efficiency Visible-Light-Driven Photocatalyst. Journal of Nanoscience and Nanotechnology, 2019, 19, 5195-5204.	0.9	10
44	Comment on "removal of hexavalent chromium by biochar supported nZVI composite: Batch and fixed-bed column evaluations, mechanisms, and secondary contamination prevention". Chemosphere, 2019, 233, 988-990.	4.2	9
45	High photocatalytic removal of NO gas over SnO ₂ nanoparticles under solar light. Environmental Chemistry Letters, 2019, 17, 527-531.	8.3	15
46	SnO ₂ /TiO ₂ nanotube heterojunction: The first investigation of NO degradation by visible light-driven photocatalysis. Chemosphere, 2019, 215, 323-332.	4.2	108
47	Investigation of Some Characterizations of Black TiO ₂ Nanotubes Via Spectroscopic Methods. Communications in Physics, 2019, 29, 189.	0.0	1
48	Photoreduction route for Cu ₂ O/TiO ₂ nanotubes junction for enhanced photocatalytic activity. RSC Advances, 2018, 8, 12420-12427.	1.7	42
49	An improved green synthesis method and Escherichia coli antibacterial activity of silver nanoparticles. Journal of Photochemistry and Photobiology B: Biology, 2018, 182, 108-114.	1.7	22
50	Comprehensive resistive switching behavior of hybrid polyvinyl alcohol and TiO ₂ nanotube nanocomposites identified by combining experimental and density functional theory studies. Journal of Materials Chemistry C, 2018, 6, 1971-1979.	2.7	30
51	Understanding the effect of annealing temperature on crystalline structure, morphology, and photocatalytic activity of silver-loaded TiO ₂ nanotubes. Superlattices and Microstructures, 2018, 117, 305-316.	1.4	10
52	One-step hydrothermal synthesis and characterisation of SnO ₂ nanoparticle-loaded TiO ₂ nanotubes with high photocatalytic performance under sunlight. Journal of Materials Science, 2018, 53, 3364-3374.	1.7	30
53	Silver nanoparticle loaded TiO ₂ nanotubes with high photocatalytic and antibacterial activity synthesized by photoreduction method. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 352, 106-112.	2.0	96
54	Surfactant modified zeolite as amphiphilic and dual-electronic adsorbent for removal of cationic and oxyanionic metal ions and organic compounds. Ecotoxicology and Environmental Safety, 2018, 147, 55-63.	2.9	58

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55	Hydrothermal synthesis, characterization, and photocatalytic activity of silicon doped TiO ₂ nanotubes. Superlattices and Microstructures, 2018, 123, 447-455.	1.4	29
56	Insight into the Photocatalytic Mechanism of Tin Dioxide/Polyaniline Nanocomposites for NO Degradation under Solar Light. ACS Applied Nano Materials, 2018, 1, 5786-5794.	2.4	39
57	Synthesis of a silver/TiO ₂ nanotube nanocomposite by gamma irradiation for enhanced photocatalytic activity under sunlight. Nuclear Instruments & Methods in Physics Research B, 2018, 429, 14-18.	0.6	13
58	THE FABRICATION OF Ag NANOPARTICLES LOADED TiO ₂ NANOTUBES BY PHOTOREDUCTION METHOD AND THEIR PHOTOCATALYTIC ACTIVITY. Science and Technology, 2018, 54, 199.	0.1	0
59	Efficient NO Photodegradation of Hydrothermally Synthesized TiO ₂ Nanotubes under Visible Light. Materials Science Materials Review, 2018, 2, .	0.1	0
60	Controlled Formation of Silver Nanoparticles on TiO ₂ Nanotubes by Photoreduction Method. Journal of Nanoscience and Nanotechnology, 2017, 17, 1497-1503.	0.9	5
61	The fabrication of the antibacterial paste based on TiO ₂ nanotubes and Ag nanoparticles-loaded TiO ₂ nanotubes powders. Journal of Experimental Nanoscience, 2017, 12, 220-231.	1.3	11
62	Synthesis and survey of the photocatalytic activity of SnO ₂ /TiO ₂ nanotubes material under visible light. Science and Technology Development Journal - Natural Sciences, 2017, 1, 149-156.	0.0	0
63	Synthesis and evaluation of the methylene blue removal ability of Cu ₂ O nanoparticles/TiO ₂ nanotubes heterostructure. Science and Technology Development Journal - Natural Sciences, 2017, 1, 115-122.	0.0	1
64	The High Photocatalytic Activity of SnO ₂ Nanoparticles Synthesized by Hydrothermal Method. Journal of Nanomaterials, 2016, 2016, 1-8.	1.5	43
65	<i>Fusarium</i> Antifungal Activities of Copper Nanoparticles Synthesized by a Chemical Reduction Method. Journal of Nanomaterials, 2016, 2016, 1-7.	1.5	51
66	First-principles calculations for hydrogenation of acceptor defects in Li-doped SnO ₂ . Materials Research Express, 2016, 3, 105901.	0.8	3
67	The directed preparation of TiO ₂ nanotubes film on FTO substrate via hydrothermal method for gas sensing application. AIMS Materials Science, 2016, 3, 460-469.	0.7	15
68	The Effect of Acid Treatment and Reactive Temperature on the Formation of TiO ₂ Nanotubes. Journal of Nanoscience and Nanotechnology, 2015, 15, 5202-5206.	0.9	27
69	The Controlled Hydrothermal Synthesis and Photocatalytic Characterization of TiO ₂ Nanorods: Effects of Time and Temperature. Advanced Science, Engineering and Medicine, 2014, 6, 214-220.	0.3	7
70	Anatase to rutile phase transformation of titanium dioxide bulk material: a DFT approach. Journal of Physics Condensed Matter, 2012, 24, 405501.	0.7	35