

Van Thi Thanh Ho

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1990147/publications.pdf>

Version: 2024-02-01

50
papers

1,213
citations

567281

15
h-index

377865

34
g-index

50
all docs

50
docs citations

50
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured Ti _{0.7} Mo _{0.3} O ₂ Support Enhances Electron Transfer to Pt: High-Performance Catalyst for Oxygen Reduction Reaction. <i>Journal of the American Chemical Society</i> , 2011, 133, 11716-11724.	13.7	371
2	Response surface methodology approach for optimization of Cu ²⁺ , Ni ²⁺ and Pb ²⁺ adsorption using KOH-activated carbon from banana peel. <i>Surfaces and Interfaces</i> , 2017, 6, 209-217.	3.0	154
3	Robust non-carbon Ti _{0.7} Ru _{0.3} O ₂ support with co-catalytic functionality for Pt: enhances catalytic activity and durability for fuel cells. <i>Energy and Environmental Science</i> , 2011, 4, 4194.	30.8	99
4	Optimizing the Pomelo Oils Extraction Process by Microwave-Assisted Hydro-Distillation Using Soft Computing Approaches. <i>Solid State Phenomena</i> , 2018, 279, 217-221.	0.3	62
5	Application of response surface methodology to optimize the fabrication of ZnCl ₂ -activated carbon from sugarcane bagasse for the removal of Cu ²⁺ . <i>Water Science and Technology</i> , 2017, 75, 2047-2055.	2.5	57
6	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.	1.9	46
7	Advanced nanoelectrocatalyst for methanol oxidation and oxygen reduction reaction, fabricated as one-dimensional Pt nanowires on nanostructured robust Ti _{0.7} Ru _{0.3} O ₂ support. <i>Nano Energy</i> , 2012, 1, 687-695.	16.0	40
8	Methane bi-reforming over boron-doped Ni/SBA-15 catalyst: Longevity evaluation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20839-20850.	7.1	37
9	Synthesis of Ti _{0.7} Mo _{0.3} O ₂ supported-Pt nanodendrites and their catalytic activity and stability for oxygen reduction reaction. <i>Applied Catalysis B: Environmental</i> , 2014, 154-155, 183-189.	20.2	33
10	In Situ Spatial Charge Separation of an Ir@TiO ₂ Multiphase Photosystem toward Highly Efficient Photocatalytic Performance of Hydrogen Production. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16961-16974.	3.1	22
11	In Situ Confined Synthesis of Ti ₄ O ₇ Supported Platinum Electrocatalysts with Enhanced Activity and Stability for the Oxygen Reduction Reaction. <i>ChemCatChem</i> , 2018, 10, 1155-1165.	3.7	20
12	Novel nanorod Ti _{0.7} Ir _{0.3} O ₂ prepared by facile hydrothermal process: A promising non-carbon support for Pt in PEMFCs. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 2361-2371.	7.1	17
13	Synthesis and characterization the multifunctional nanostructures Ti _x W _{1-x} O ₂ (x = 0.5; 0.6; 0.7; 0.8) supports as robust non-carbon support for Pt nanoparticles for direct ethanol fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 24877-24890.	7.1	16
14	Superior CO-tolerance and stability toward alcohol electro-oxidation reaction of 1D-bimetallic platinum-cobalt nanowires on Tungsten-modified anatase TiO ₂ nanostructure. <i>Fuel</i> , 2020, 276, 118078.	6.4	16
15	Boosting alcohol electro-oxidation reaction with bimetallic PtRu nanoalloys supported on robust Ti _{0.7} W _{0.3} O ₂ nanomaterial in direct liquid fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 16776-16786.	7.1	15
16	Wire-like Pt on mesoporous Ti _{0.7} W _{0.3} O ₂ Nanomaterial with Compelling Electro-Activity for Effective Alcohol Electro-Oxidation. <i>Scientific Reports</i> , 2019, 9, 14791.	3.3	13
17	High conductivity of novel Ti _{0.9} Ir _{0.1} O ₂ support for Pt as a promising catalyst for low-temperature fuel cell applications. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20944-20952.	7.1	13
18	High conductivity and surface area of Ti _{0.7} W _{0.3} O ₂ mesoporous nanostructures support for Pt toward enhanced methanol oxidation in DMFCs. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 20933-20943.	7.1	13

#	ARTICLE	IF	CITATIONS
19	Advanced Nanoelectrocatalyst of Pt Nanoparticles Supported on Robust $\text{Ti}_{0.7}\text{Ir}_{0.3}\text{O}_2$ as a Promising Catalyst for Fuel Cells. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 675-684.	3.7	13
20	A Facile Route Towards the Synthesis of Nanocomposites for the Application as Solid Electrolytes via Grafting Polymer from TiO_2 Nanoparticles. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 618, 120-128.	0.9	12
21	One-Step Hydrothermal Synthesis of a New Nanostructure $\text{Ti}_{0.7}\text{Ir}_{0.3}\text{O}_2$ for Enhanced Electrical Conductivity: The Effect of pH on the Formation of Nanostructure. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 6928-6933.	0.9	11
22	Advanced $\text{Ti}_{0.7}\text{W}_{0.3}\text{O}_2$ Nanoparticles Prepared via Solvothermal Process Using Titanium Tetrachloride and Tungsten Hexachloride as Precursors. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 7177-7182.	0.9	11
23	One-step heating hydrothermal of iridium-doped cubic perovskite strontium titanate towards hydrogen evolution. <i>Materials Letters</i> , 2021, 282, 128686.	2.6	11
24	A new approach for synthesis of $\text{SiO}_2/\text{poly}(2\text{-hydroxyethyl methacrylate}):\text{Tb}^{3+}$ nanohybrids by combination of surface-initiated raft polymerization and coordination chemistry. <i>Polymer Bulletin</i> , 2016, 73, 2627-2638.	3.3	9
25	Preparation and characterization of indium doped tin oxide (ITO) via a non-aqueous sol-gel. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 635, 32-39.	0.9	9
26	Influence Factors of Exfoliation Synthesis Exfoliated Graphite from Vietnamese Natural Graphite Flakes Using Microwave Irradiation. <i>Solid State Phenomena</i> , 0, 279, 230-234.	0.3	9
27	A High-Performing Nanostructured Ir Doped- TiO_2 for Efficient Photocatalytic Degradation of Gaseous Toluene. <i>Inorganics</i> , 2022, 10, 29.	2.7	9
28	Low-resistivity, high-transmittance Ga:ZnO films prepared through metalorganic chemical vapor deposition using an inexpensive solution of diethylzinc in <i>n</i> -hexane as the Zn precursor. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	8
29	Removal of Cu^{2+} from Aqueous Water by Adsorption onto the Efficient and Recyclable Durian Shell-Derived Activated Carbon. <i>Applied Mechanics and Materials</i> , 0, 876, 46-51.	0.2	6
30	Tungsten-doped titanium-dioxide-supported low-Pt-loading electrocatalysts for the oxidation reaction of ethanol in acidic fuel cells. <i>Comptes Rendus Chimie</i> , 2019, 22, 829-837.	0.5	6
31	Highly stable Pt/ITO catalyst as a promising electrocatalyst for direct methanol fuel cells. <i>Comptes Rendus Chimie</i> , 2019, 22, 838-843.	0.5	6
32	A facile strategy towards the encapsulation of TiO_2 nanoparticles with Poly(N-vinylcarbazole) through esterification. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 644, 183-189.	0.9	5
33	Synthesis and characterization of photoluminescent Eu(III) coordinated with poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlo Molecular Crystals and Liquid Crystals, 2017, 644, 175-182.	0.9	5
34	Synthesis of Well-Defined Amphiphilic Diblock Copolymer Brushes on Halloysite Nanotubes via Surface-Initiated Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5834-5838.	0.9	4
35	Comparison the Rapid Microwave-Assisted Polyol Route and Modified Chemical Reduction Methods to Synthesize the Pt Nanoparticles on the $\text{Ti}_{0.7}\text{W}_{0.3}\text{O}_2$ Support. <i>Solid State Phenomena</i> , 2018, 279, 181-186.	0.3	4
36	Effect of Gallium Source Material on the Transparent Conducting Properties of Ga:ZnO Thin Films Through Metalorganic Chemical Vapor Deposition. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 623, 433-443.	0.9	3

#	ARTICLE	IF	CITATIONS
37	Enhanced Light Scattering by Preferred Orientation Control of Ga Doped ZnO Films Prepared through MOCVD. International Journal of Photoenergy, 2016, 2016, 1-7.	2.5	3
38	Fabrication of black silicon anti-reflection via nanocatalytic wet-chemical etch. Molecular Crystals and Liquid Crystals, 2017, 644, 169-174.	0.9	3
39	Growing Poly(methyl methacrylate) Chains from the Surface of Hydroxyapatite Nanocrystals via Surface-Initiated Reversible Addition-Fragmentation Chain Transfer Polymerization. Journal of Nanoscience and Nanotechnology, 2017, 17, 4127-4131.	0.9	3
40	Synthesis the New Nanostructure $Ti_{0.7}Ir_{0.3}O_2$ via Low Temperature Hydrothermal Process. Applied Mechanics and Materials, 0, 876, 64-70.	0.2	3
41	Investigation of iridium composition in $Ti_{1-x}Ir_xO_2$ ($x = 0.1, 0.2, 0.3$) nanostructures as potential supports for platinum in methanol electro-oxidation. Comptes Rendus Chimie, 2019, 22, 844-854.	0.5	3
42	Advanced nanostructure $Ti_{0.7}In_{0.3}O_2$ support enhances electron transfer to Pt: Used as high performance catalyst for oxygen reduction reaction. Molecular Crystals and Liquid Crystals, 2016, 635, 25-31.	0.9	2
43	Preparation and Characterization of Advanced $PtRu/Ti_{0.7}Mo_{0.7}O_2$ Catalysts for Direct Methanol Fuel Cells. Applied Mechanics and Materials, 2018, 876, 57-63.	0.2	2
44	Chemically Modified Hydroxyapatite Nanocrystals by Temperature-Responsive Poly(N-isopropylacrylamide) via Surface Initiated Radical Polymerization. Asian Journal of Chemistry, 2019, 31, 1221-1224.	0.3	2
45	Nanostructured $Ti_{0.7}Mo_3O_2$ as Efficient Non-Carbon Support for PtRu Catalysts in Direct Methanol Fuel Cells. Journal of Nanoscience and Nanotechnology, 2018, 18, 6934-6941.	0.9	2
46	Growth of Vertically-Aligned GaN Nanowires by Metal Organic Chemical Vapor Deposition Utilizing Trimethylgallium and Tertiarybutylhydrazine. Molecular Crystals and Liquid Crystals, 2015, 623, 444-450.	0.9	1
47	Corrigendum to "Enhanced Light Scattering by Preferred Orientation Control of Ga Doped ZnO Films Prepared through MOCVD". International Journal of Photoenergy, 2016, 2016, 1-1.	2.5	1
48	Study on Poly(vinyl alcohol) Coated Superparamagnetic Nanoparticles via RAFT Polymerization Methodology for Drug Delivery System Loaded Anti-Inflammatory. Asian Journal of Chemistry, 2018, 30, 1711-1716.	0.3	1
49	Synthesis the New Nanostructure $Ti_{0.7}W_{0.3}O_2$ via Low Temperature Solvothermal Process. Applied Mechanics and Materials, 0, 876, 84-90.	0.2	1
50	A Robust Modification of SiO_2 Nanoparticles by Poly(2-hydroxyethylmethacrylate) via Surface-Initiated Atom Transfer Radical Polymerization. Asian Journal of Chemistry, 2019, 31, 337-342.	0.3	1