

# Van Thi Thanh Ho

## List of Publications by Year in descending order

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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	A High-Performing Nanostructured Ir Doped-TiO <sub>2</sub> for Efficient Photocatalytic Degradation of Gaseous Toluene. <i>Inorganics</i> , 2022, 10, 29.	2.7	9
2	Synthesis and characterization the multifunctional nanostructures Ti <sub>x</sub> W <sub>1-x</sub> O <sub>2</sub> (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
3	One-step heating hydrothermal of iridium-doped cubic perovskite strontium titanate towards hydrogen evolution. <i>Materials Letters</i> , 2021, 282, 128686.	2.6	11
4	Boosting alcohol electro-oxidation reaction with bimetallic PtRu nanoalloys supported on robust Ti <sub>0.7</sub> W <sub>0.3</sub> O <sub>2</sub> nanomaterial in direct liquid fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 16776-16786.	7.1	15
5	In Situ Spatial Charge Separation of an Ir@TiO <sub>2</sub> Multiphase Photosystem toward Highly Efficient Photocatalytic Performance of Hydrogen Production. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16961-16974.	3.1	22
6	Superior CO-tolerance and stability toward alcohol electro-oxidation reaction of 1D-bimetallic platinum-cobalt nanowires on Tungsten-modified anatase TiO <sub>2</sub> nanostructure. <i>Fuel</i> , 2020, 276, 118078.	6.4	16
7	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
8	Chemically Modified Hydroxyapatite Nanocrystals by Temperature-Responsive Poly(N-isopropylacrylamide) via Surface Initiated Radical Polymerization. <i>Asian Journal of Chemistry</i> , 2019, 31, 1221-1224.	0.3	2
9	Wire-like Pt on mesoporous Ti <sub>0.7</sub> W <sub>0.3</sub> O <sub>2</sub> Nanomaterial with Compelling Electro-Activity for Effective Alcohol Electro-Oxidation. <i>Scientific Reports</i> , 2019, 9, 14791.	3.3	13
10	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
11	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
12	Investigation of iridium composition in Ti <sub>1-x</sub> Ir <sub>x</sub> O <sub>2</sub> (x = 0.1, 0.2, 0.3) nanostructures as potential supports for platinum in methanol electro-oxidation. <i>Comptes Rendus Chimie</i> , 2019, 22, 844-854.	0.5	3
13	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
14	A Robust Modification of SiO <sub>2</sub> Nanoparticles by Poly(2-hydroxyethylmethacrylate) via Surface-Initiated Atom Transfer Radical Polymerization. <i>Asian Journal of Chemistry</i> , 2019, 31, 337-342.	0.3	1
15	High conductivity of novel Ti <sub>0.9</sub> Ir <sub>0.1</sub> O <sub>2</sub> 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
16	High conductivity and surface area of Ti <sub>0.7</sub> W <sub>0.3</sub> O <sub>2</sub> 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
17	Advanced Nanoelectrocatalyst of Pt Nanoparticles Supported on Robust Ti <sub>0.7</sub> Ir <sub>0.3</sub> O <sub>2</sub> as a Promising Catalyst for Fuel Cells. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 675-684.	3.7	13
18	Novel nanorod Ti <sub>0.7</sub> Ir <sub>0.3</sub> O <sub>2</sub> 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

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19	In Situ Confined Synthesis of $\text{TiO}_2$ Supported Platinum Electrocatalysts with Enhanced Activity and Stability for the Oxygen Reduction Reaction. <i>ChemCatChem</i> , 2018, 10, 1155-1165.	3.7	20
20	Study on Poly(vinyl alcohol) Coated Superparamagnetic Nanoparticles via RAFT Polymerization Methodology for Drug Delivery System Loaded Anti-Inflammatory. <i>Asian Journal of Chemistry</i> , 2018, 30, 1711-1716.	0.3	1
21	Preparation and Characterization of Advanced $\text{PtRu/TiO}_2\text{MoO}_3$ Catalysts for Direct Methanol Fuel Cells. <i>Applied Mechanics and Materials</i> , 2018, 876, 57-63.	0.2	2
22	Comparison the Rapid Microwave-Assisted Polyol Route and Modified Chemical Reduction Methods to Synthesize the Pt Nanoparticles on the $\text{TiO}_2\text{WO}_3$ Support. <i>Solid State Phenomena</i> , 2018, 279, 181-186.	0.3	4
23	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
24	One-Step Hydrothermal Synthesis of a New Nanostructure $\text{TiO}_2\text{IrO}_3$ 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
25	Advanced $\text{TiO}_2\text{WO}_3$ 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
26	Nanostructured $\text{TiO}_2\text{MoO}_3$ as Efficient Non-Carbon Support for PtRu Catalysts in Direct Methanol Fuel Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 6934-6941.	0.9	2
27	Application of response surface methodology to optimize the fabrication of $\text{ZnCl}_2$ -activated carbon from sugarcane bagasse for the removal of $\text{Cu}^{2+}$ . <i>Water Science and Technology</i> , 2017, 75, 2047-2055.	2.5	57
28	Fabrication of black silicon anti-reflection via nanocatalytic wet-chemical etch. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 644, 169-174.	0.9	3
29	A facile strategy towards the encapsulation of $\text{TiO}_2$ nanoparticles with Poly(N-vinylcarbazole) through esterification. <i>Molecular Crystals and Liquid Crystals</i> , 2017, 644, 183-189.	0.9	5
30	Synthesis and characterization of photoluminescent Eu(III) coordinated with poly(2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Molecular Crystals and Liquid Crystals, 2017, 644, 175-182.	0.9	5
31	Response surface methodology approach for optimization of $\text{Cu}^{2+}$ , $\text{Ni}^{2+}$ and $\text{Pb}^{2+}$ adsorption using KOH-activated carbon from banana peel. <i>Surfaces and Interfaces</i> , 2017, 6, 209-217.	3.0	154
32	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
33	Growing Poly(methyl methacrylate) Chains from the Surface of Hydroxyapatite Nanocrystals via Surface-Initiated Reversible Addition-Fragmentation Chain Transfer Polymerization. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4127-4131.	0.9	3
34	Enhanced Light Scattering by Preferred Orientation Control of Ga Doped ZnO Films Prepared through MOCVD. <i>International Journal of Photoenergy</i> , 2016, 2016, 1-7.	2.5	3
35	Corrigendum to "Enhanced Light Scattering by Preferred Orientation Control of Ga Doped ZnO Films Prepared through MOCVD" <i>International Journal of Photoenergy</i> , 2016, 2016, 1-1.	2.5	1
36	Advanced nanostructure $\text{Ti}_0.7\text{In}_0.3\text{O}_2$ support enhances electron transfer to Pt: Used as high performance catalyst for oxygen reduction reaction. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 635, 25-31.	0.9	2

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37	A new approach for synthesis of SiO <sub>2</sub> /poly(2-hydroxyethyl methacrylate):Tb <sup>3+</sup> nanohybrids by combination of surface-initiated raft polymerization and coordination chemistry. <i>Polymer Bulletin</i> , 2016, 73, 2627-2638.	3.3	9
38	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
39	Growth of Vertically-Aligned GaN Nanowires by Metal Organic Chemical Vapor Deposition Utilizing Trimethylgallium and Tertiarybutylhydrazine. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 623, 444-450.	0.9	1
40	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
41	A Facile Route Towards the Synthesis of Nanocomposites for the Application as Solid Electrolytes via Grafting Polymer from TiO <sub>2</sub> Nanoparticles. <i>Molecular Crystals and Liquid Crystals</i> , 2015, 618, 120-128.	0.9	12
42	Synthesis of Ti <sub>0.7</sub> Mo <sub>0.3</sub> O <sub>2</sub> 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
43	Low-resistivity, high-transmittance Ga:ZnO films prepared through metalorganic chemical vapor deposition using an inexpensive solution of diethylzinc in n-hexane as the Zn precursor. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	8
44	Advanced nanoelectrocatalyst for methanol oxidation and oxygen reduction reaction, fabricated as one-dimensional Pt nanowires on nanostructured robust Ti <sub>0.7</sub> Ru <sub>0.3</sub> O <sub>2</sub> support. <i>Nano Energy</i> , 2012, 1, 687-695.	16.0	40
45	Robust non-carbon Ti <sub>0.7</sub> Ru <sub>0.3</sub> O <sub>2</sub> 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
46	Nanostructured Ti <sub>0.7</sub> Mo <sub>0.3</sub> O <sub>2</sub> 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
47	Removal of Cu <sup>2+</sup> 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
48	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
49	Synthesis the New Nanostructure Ti <sub>0.7</sub> Ir <sub>0.3</sub> O <sub>2</sub> via Low Temperature Hydrothermal Process. <i>Applied Mechanics and Materials</i> , 0, 876, 64-70.	0.2	3
50	Synthesis the New Nanostructure Ti <sub>0.7</sub> W <sub>0.3</sub> O <sub>2</sub> via Low Temperature Solvothermal Process. <i>Applied Mechanics and Materials</i> , 0, 876, 84-90.	0.2	1