

Thang Phan Nguyen

List of Publications by Year in descending order

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48
papers

1,834
citations

236925

25
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265206

42
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all docs

49
docs citations

49
times ranked

2391
citing authors

#	ARTICLE	IF	CITATIONS
1	Tungsten Oxide-Modified ITO Electrode for Electrochromic Window Based on Reversible Metal Electrodeposition. <i>Electronic Materials Letters</i> , 2022, 18, 36-46.	2.2	5
2	In Situ Growth of W ₂ C/WS ₂ with Carbon-Nanotube Networks for Lithium-Ion Storage. <i>Nanomaterials</i> , 2022, 12, 1003.	4.1	8
3	Boron Oxide Enhancing Stability of MoS ₂ Anode Materials for Lithium-Ion Batteries. <i>Materials</i> , 2022, 15, 2034.	2.9	5
4	Control of the morphologies of molybdenum disulfide for hydrogen evolution reaction. <i>International Journal of Energy Research</i> , 2022, 46, 11479-11491.	4.5	8
5	Restructuring NiO to LiNiO ₂ : Ultrastable and reversible anodes for lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 437, 135292.	12.7	14
6	Synthesis of nano-coral tungsten carbide/carbon fibers as efficient catalysts for hydrogen evolution reaction. <i>International Journal of Energy Research</i> , 2022, 46, 13089-13098.	4.5	2
7	Ag Nanoparticle-Decorated MoS ₂ Nanosheets for Enhancing Electrochemical Performance in Lithium Storage. <i>Nanomaterials</i> , 2021, 11, 626.	4.1	21
8	Metal salt-modified biochars derived from agro-waste for effective congo red dye removal. <i>Environmental Research</i> , 2021, 200, 111492.	7.5	57
9	WS ₂ @WC@WO ₃ nano-hollow spheres as an efficient and durable catalyst for hydrogen evolution reaction. <i>Nano Convergence</i> , 2021, 8, 28.	12.1	19
10	Stable and multicolored electrochromic device based on polyaniline-tungsten oxide hybrid thin film. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160718.	5.5	26
11	Facile synthesis of W ₂ C@WS ₂ alloy nanoflowers and their hydrogen generation performance. <i>Applied Surface Science</i> , 2020, 504, 144389.	6.1	47
12	Facile synthesis of WS ₂ hollow spheres and their hydrogen evolution reaction performance. <i>Applied Surface Science</i> , 2020, 505, 144574.	6.1	58
13	Recent progress in TiO ₂ -based photocatalysts for hydrogen evolution reaction: A review. <i>Arabian Journal of Chemistry</i> , 2020, 13, 3653-3671.	4.9	120
14	SnO ₂ @WS ₂ /p-Si Heterostructure Photocathode for Photoelectrochemical Hydrogen Production. <i>Journal of Physical Chemistry C</i> , 2020, 124, 647-652.	3.1	21
15	W ₂ C/WS ₂ Alloy Nanoflowers as Anode Materials for Lithium-Ion Storage. <i>Nanomaterials</i> , 2020, 10, 1336.	4.1	22
16	Self-Assembled Few-Layered MoS ₂ on SnO ₂ Anode for Enhancing Lithium-Ion Storage. <i>Nanomaterials</i> , 2020, 10, 2558.	4.1	16
17	Novel peptides functionalized gold nanoparticles decorated tungsten disulfide nanoflowers as the electrochemical sensing platforms for the norovirus in an oyster. <i>Food Control</i> , 2020, 114, 107225.	5.5	29
18	Strategy for controlling the morphology and work function of W ₂ C/WS ₂ nanoflowers. <i>Journal of Alloys and Compounds</i> , 2020, 829, 154582.	5.5	18

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19	MXenes: Applications in electrocatalytic, photocatalytic hydrogen evolution reaction and CO ₂ reduction. <i>Molecular Catalysis</i> , 2020, 486, 110850.	2.0	97
20	Hierarchical molybdenum disulfide on carbon nanotube/reduced graphene oxide composite paper as efficient catalysts for hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2020, 823, 153897.	5.5	36
21	Graphene-mediated enhanced Raman scattering and coherent light lasing from CsPbI ₃ perovskite nanorods. <i>Nano Energy</i> , 2020, 70, 104497.	16.0	9
22	Characterization of spark plasma sintered TiC ceramics reinforced with graphene nano-platelets. <i>Ceramics International</i> , 2020, 46, 18742-18749.	4.8	48
23	Influence of SiAlON addition on the microstructure development of hot-pressed ZrB ₂ /SiC composites. <i>Ceramics International</i> , 2020, 46, 19209-19216.	4.8	58
24	Characteristics of quadruplet Ti/Mo/TiB ₂ /TiC composites prepared by spark plasma sintering. <i>Ceramics International</i> , 2020, 46, 20885-20895.	4.8	36
25	Assembly of 6-aza-2-thiothymine on gold nanoparticles for selective and sensitive colorimetric detection of pencycuron in water and food samples. <i>Talanta</i> , 2019, 205, 120087.	5.5	19
26	CdSe Quantum Dots Doped WS ₂ Nanoflowers for Enhanced Solar Hydrogen Production. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800853.	1.8	14
27	NO ₂ sensing properties of porous Au-incorporated tungsten oxide thin films prepared by solution process. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 512-520.	7.8	45
28	Independent spectral characteristics of functionalized silver nanoparticles for colorimetric assay of arginine and spermine in biofluids. <i>New Journal of Chemistry</i> , 2019, 43, 17069-17077.	2.8	13
29	Facile synthesis of CsPbBr ₃ /PbSe composite clusters. <i>Science and Technology of Advanced Materials</i> , 2018, 19, 10-17.	6.1	23
30	Morphological evolution of upconversion nanoparticles and their biomedical signal generation. <i>Scientific Reports</i> , 2018, 8, 17101.	3.3	37
31	Surface extension of MeS ₂ (Me=Mo or W) nanosheets by embedding MeS _x for hydrogen evolution reaction. <i>Electrochimica Acta</i> , 2018, 292, 136-141.	5.2	31
32	The role of metal dopants in WS ₂ nanoflowers in enhancing the hydrogen evolution reaction. <i>Applied Catalysis A: General</i> , 2018, 567, 73-79.	4.3	66
33	Gold-copper nanoshell dot-blot immunoassay for naked-eye sensitive detection of tuberculosis specific CFP-10 antigen. <i>Biosensors and Bioelectronics</i> , 2018, 121, 111-117.	10.1	36
34	A thorough study on electrochromic properties of metal doped tungsten trioxide film prepared by a facile solution process. <i>Electrochimica Acta</i> , 2018, 283, 1195-1202.	5.2	18
35	Synthesis of fluorescent silicon quantum dots for ultra-rapid and selective sensing of Cr(VI) ion and biomonitoring of cancer cells. <i>Materials Science and Engineering C</i> , 2018, 93, 429-436.	7.3	50
36	Facile Solution Synthesis of Tungsten Trioxide Doped with Nanocrystalline Molybdenum Trioxide for Electrochromic Devices. <i>Scientific Reports</i> , 2017, 7, 13258.	3.3	42

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37	MoS ₂ -nanosheet/graphene-oxide composite hole injection layer in organic light-emitting diodes. <i>Electronic Materials Letters</i> , 2017, 13, 344-350.	2.2	39
38	Size-Dependent Properties of Two-Dimensional MoS ₂ and WS ₂ . <i>Journal of Physical Chemistry C</i> , 2016, 120, 10078-10085.	3.1	144
39	Bottom-Up Synthesis of MeS _x Nanodots for Optoelectronic Device Applications. <i>Advanced Optical Materials</i> , 2016, 4, 1796-1804.	7.3	28
40	Nanocomposites of Molybdenum Disulfide/Methoxy Polyethylene Glycol-co-Polypyrrole for Amplified Photoacoustic Signal. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29213-29219.	8.0	17
41	Transition Metal Disulfide Nanosheets Synthesized by Facile Sonication Method for the Hydrogen Evolution Reaction. <i>Journal of Physical Chemistry C</i> , 2016, 120, 3929-3935.	3.1	101
42	(NH ₄) ₂ WS ₄ precursor as a hole-injection layer in organic optoelectronic devices. <i>Chemical Engineering Journal</i> , 2016, 284, 285-293.	12.7	15
43	Performances of Liquid-Exfoliated Transition Metal Dichalcogenides as Hole Injection Layers in Organic Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2015, 25, 4512-4519.	14.9	91
44	MoS ₂ Nanosheets Exfoliated by Sonication and Their Application in Organic Photovoltaic Cells. <i>Science of Advanced Materials</i> , 2015, 7, 700-705.	0.7	24
45	UV/ozone-treated WS ₂ hole-extraction layer in organic photovoltaic cells. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 390-394.	2.4	56
46	Dual use of tantalum disulfides as hole and electron extraction layers in organic photovoltaic cells. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 25468-25472.	2.8	51
47	The use of UV/ozone-treated MoS ₂ nanosheets for extended air stability in organic photovoltaic cells. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 13123-13128.	2.8	86
48	Converting biomass of agrowastes and invasive plant into alternative materials for water remediation. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	4