

Thang Phan Nguyen

List of Publications by Year in descending order

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48
papers

1,834
citations

236925

25
h-index

265206

42
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49
all docs

49
docs citations

49
times ranked

2391
citing authors

#	ARTICLE	IF	CITATIONS
1	Size-Dependent Properties of Two-Dimensional MoS ₂ and WS ₂ . Journal of Physical Chemistry C, 2016, 120, 10078-10085.	3.1	144
2	Recent progress in TiO ₂ -based photocatalysts for hydrogen evolution reaction: A review. Arabian Journal of Chemistry, 2020, 13, 3653-3671.	4.9	120
3	Transition Metal Disulfide Nanosheets Synthesized by Facile Sonication Method for the Hydrogen Evolution Reaction. Journal of Physical Chemistry C, 2016, 120, 3929-3935.	3.1	101
4	MXenes: Applications in electrocatalytic, photocatalytic hydrogen evolution reaction and CO ₂ reduction. Molecular Catalysis, 2020, 486, 110850.	2.0	97
5	Performances of Liquid-Exfoliated Transition Metal Dichalcogenides as Hole Injection Layers in Organic Light-Emitting Diodes. Advanced Functional Materials, 2015, 25, 4512-4519.	14.9	91
6	The use of UV/ozone-treated MoS ₂ nanosheets for extended air stability in organic photovoltaic cells. Physical Chemistry Chemical Physics, 2014, 16, 13123-13128.	2.8	86
7	The role of metal dopants in WS ₂ nanoflowers in enhancing the hydrogen evolution reaction. Applied Catalysis A: General, 2018, 567, 73-79.	4.3	66
8	Facile synthesis of WS ₂ hollow spheres and their hydrogen evolution reaction performance. Applied Surface Science, 2020, 505, 144574.	6.1	58
9	Influence of SiAlON addition on the microstructure development of hot-pressed ZrB ₂ -SiC composites. Ceramics International, 2020, 46, 19209-19216.	4.8	58
10	Metal salt-modified biochars derived from agro-waste for effective congo red dye removal. Environmental Research, 2021, 200, 111492.	7.5	57
11	UV/ozone-treated WS ₂ hole-extraction layer in organic photovoltaic cells. Physica Status Solidi - Rapid Research Letters, 2014, 8, 390-394.	2.4	56
12	Dual use of tantalum disulfides as hole and electron extraction layers in organic photovoltaic cells. Physical Chemistry Chemical Physics, 2014, 16, 25468-25472.	2.8	51
13	Synthesis of fluorescent silicon quantum dots for ultra-rapid and selective sensing of Cr(VI) ion and biomonitoring of cancer cells. Materials Science and Engineering C, 2018, 93, 429-436.	7.3	50
14	Characterization of spark plasma sintered TiC ceramics reinforced with graphene nano-platelets. Ceramics International, 2020, 46, 18742-18749.	4.8	48
15	Facile synthesis of W ₂ C@WS ₂ alloy nanoflowers and their hydrogen generation performance. Applied Surface Science, 2020, 504, 144389.	6.1	47
16	NO ₂ sensing properties of porous Au-incorporated tungsten oxide thin films prepared by solution process. Sensors and Actuators B: Chemical, 2019, 286, 512-520.	7.8	45
17	Facile Solution Synthesis of Tungsten Trioxide Doped with Nanocrystalline Molybdenum Trioxide for Electrochromic Devices. Scientific Reports, 2017, 7, 13258.	3.3	42
18	MoS ₂ -nanosheet/graphene-oxide composite hole injection layer in organic light-emitting diodes. Electronic Materials Letters, 2017, 13, 344-350.	2.2	39

#	ARTICLE	IF	CITATIONS
19	Morphological evolution of upconversion nanoparticles and their biomedical signal generation. <i>Scientific Reports</i> , 2018, 8, 17101.	3.3	37
20	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
21	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
22	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
23	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
24	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
25	Bottom-Up Synthesis of MeS _x Nanodots for Optoelectronic Device Applications. <i>Advanced Optical Materials</i> , 2016, 4, 1796-1804.	7.3	28
26	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
27	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
28	Facile synthesis of CsPbBr ₃ /PbSe composite clusters. <i>Science and Technology of Advanced Materials</i> , 2018, 19, 10-17.	6.1	23
29	W ₂ C/WS ₂ Alloy Nanoflowers as Anode Materials for Lithium-Ion Storage. <i>Nanomaterials</i> , 2020, 10, 1336.	4.1	22
30	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
31	Ag Nanoparticle-Decorated MoS ₂ Nanosheets for Enhancing Electrochemical Performance in Lithium Storage. <i>Nanomaterials</i> , 2021, 11, 626.	4.1	21
32	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
33	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
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	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
36	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

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37	Self-Assembled Few-Layered MoS ₂ on SnO ₂ Anode for Enhancing Lithium-Ion Storage. <i>Nanomaterials</i> , 2020, 10, 2558.	4.1	16
38	(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
39	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
40	Restructuring NiO to LiNiO ₂ : Ultrastable and reversible anodes for lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2022, 437, 135292.	12.7	14
41	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
42	Graphene-mediated enhanced Raman scattering and coherent light lasing from CsPbI ₃ perovskite nanorods. <i>Nano Energy</i> , 2020, 70, 104497.	16.0	9
43	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
44	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
45	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
46	Boron Oxide Enhancing Stability of MoS ₂ Anode Materials for Lithium-Ion Batteries. <i>Materials</i> , 2022, 15, 2034.	2.9	5
47	Converting biomass of agrowastes and invasive plant into alternative materials for water remediation. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	4
48	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