

Trong Nghia Nguyen

List of Publications by Year in descending order

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28
papers

544
citations

840776

11
h-index

642732

23
g-index

30
all docs

30
docs citations

30
times ranked

487
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibiotics in surface water of East and Southeast Asian countries: A focused review on contamination status, pollution sources, potential risks, and future perspectives. <i>Science of the Total Environment</i> , 2021, 764, 142865.	8.0	202
2	Facile green synthesis of carbon quantum dots and biomass-derived activated carbon from banana peels: synthesis and investigation. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 2407-2416.	4.6	45
3	Biomass-derived carbon hooks on Ni foam with free binder for high performance supercapacitor electrode. <i>Chemical Engineering Science</i> , 2021, 229, 116053.	3.8	39
4	A novel and facile decay path of Criegee intermediates by intramolecular insertion reactions via roaming transition states. <i>Journal of Chemical Physics</i> , 2015, 142, 124312.	3.0	35
5	Antibiotic and antiparasitic residues in surface water of urban rivers in the Red River Delta (Hanoi). <i>TJ ETQq1 1 0.784314 rgBT /Overlook Pollution Research</i> , 2021, 28, 10622-10632.	5.3	22
6	Optical Properties of Doxorubicin Hydrochloride Load and Release on Silica Nanoparticle Platform. <i>Molecules</i> , 2021, 26, 3968.	3.8	19
7	Evaluation of anti-HER2 scFv-conjugated PLGA-PEG nanoparticles on 3D tumor spheroids of BT474 and HCT116 cancer cells. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2016, 7, 025004.	1.5	18
8	Biomass-derived activated carbon electrode coupled with a redox additive electrolyte for electrical double-layer capacitors. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	15
9	Computation and Investigation of Two-Dimensional $WO_3 \cdot H_2O$ Nanoflowers for Electrochemical Studies of Energy Conversion and Storage Applications. <i>ACS Omega</i> , 2022, 7, 10115-10126.	3.5	15
10	Synthesis of Nano-Flakes $Ag-ZnO$ -Activated Carbon Composite from Rice Husk as A Photocatalyst under Solar Light. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2020, 15, 264-279.	1.1	13
11	Optical nanoparticles: synthesis and biomedical application. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2015, 6, 023002.	1.5	11
12	Infrared Emission from Photodissociation of Methyl Formate [$HC(O)OCH_3$] at 248 and 193 nm: Absence of Roaming Signature. <i>Journal of Physical Chemistry A</i> , 2019, 123, 6130-6143.	2.5	11
13	Ab Initio Chemical Kinetics of Key Processes in the Hypergolic Ignition of Hydrazine and Nitrogen Tetroxide. <i>Advances in Quantum Chemistry</i> , 2014, 69, 253-301.	0.8	10
14	Food seasoning-derived gel polymer electrolyte and pulse-plasma exfoliated graphene nanosheet electrodes for symmetrical solid-state supercapacitors. <i>RSC Advances</i> , 2022, 12, 1515-1526.	3.6	10
15	Theoretical Study on the Reaction of the Methylidyne Radical, $CH(X)_2$, with Formaldehyde, CH_2O . <i>Journal of Physical Chemistry A</i> , 2014, 118, 8861-8871.	2.5	9
16	Calculations on the complex mechanism of the $HCNO+OH$ reaction. <i>Chemical Physics Letters</i> , 2014, 599, 15-22.	2.6	9
17	Two-Dimensional NH_4VO_3 Nanoflakes as Efficient Energy Conversion and Storage Materials for the Hydrogen Evolution Reaction and Supercapacitors. <i>ACS Omega</i> , 2022, 7, 25433-25442.	3.5	9
18	Reaction dynamics of $O(1D) + HCOOD/DCOOH$ investigated with time-resolved Fourier-transform infrared emission spectroscopy. <i>Journal of Chemical Physics</i> , 2014, 141, 154313.	3.0	7

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19	Size Determination of Polystyrene Sub-Microspheres Using Transmission Spectroscopy. Applied Sciences (Switzerland), 2020, 10, 5232.	2.5	7
20	Enhanced absorption and fluorescence of gold nanoclusters using initial alkali concentrations. Applied Physics Express, 2016, 9, 022001.	2.4	6
21	Generation of a femtosecond vacuum ultraviolet optical pulse by four-wave Raman mixing. Optics and Laser Technology, 2017, 88, 184-187.	4.6	6
22	Preparation of Fe ₃ O ₄ -Ag Nanocomposites with Silver Petals for SERS Application. Nanomaterials, 2021, 11, 1288.	4.1	6
23	Multifunctional applications for waste zinc-carbon battery to synthesize carbon dots and symmetrical solid-state supercapacitors. RSC Advances, 2022, 12, 10608-10618.	3.6	6
24	Polybrominated diphenyl ethers in indoor dusts from industrial factories, offices, and houses in northern Vietnam: Contamination characteristics and human exposure. Environmental Geochemistry and Health, 2022, 44, 2375-2388.	3.4	5
25	Ab Initio Chemical Kinetics for SiH _x Reactions with Si ₂ H _y (<i>x</i> = 1,2,3,4; <i>y</i> = 6,5,4,3; <i>x</i> + <i>y</i> = 7) under a-Si:H CVD Condition. International Journal of Chemical Kinetics, 2017, 49, 197-208.	1.6	4
26	Mechanism and kinetics for the reaction of fulminic acid, HCNO, with an amino radical, NH ₂ . Combustion and Flame, 2018, 190, 317-326.	5.2	3
27	Ab Initio Chemical Kinetics for the Thermal Decomposition of SiH ₄ + Ion and Related Reverse Ion-Molecule Reactions of Interest to PECVD of a-Si:H Films. Plasma Chemistry and Plasma Processing, 2017, 37, 1249-1264.	2.4	2
28	Prediction of the product channels in the reaction of the methyl radical with fulminic acid. International Journal of Chemical Kinetics, 2021, 53, 479-491.	1.6	0