

Thuy-Duong Nguyen-Phan

List of Publications by Citations

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46
papers

1,744
citations

20
h-index

41
g-index

47
ext. papers

1,955
ext. citations

6.7
avg, IF

4.35
L-index

#	Paper	IF	Citations
46	The role of graphene oxide content on the adsorption-enhanced photocatalysis of titanium dioxide/graphene oxide composites. <i>Chemical Engineering Journal</i> , 2011 , 170, 226-232	14.7	339
45	Dry Reforming of Methane on a Highly-Active Ni-CeO ₂ Catalyst: Effects of Metal-Support Interactions on C-H Bond Breaking. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7455-9	16.4	196
44	One-step synthesis of superior dispersion of chemically converted graphene in organic solvents. <i>Chemical Communications</i> , 2010 , 46, 4375-7	5.8	141
43	Synthesis of the chemically converted graphene xerogel with superior electrical conductivity. <i>Chemical Communications</i> , 2011 , 47, 9672-4	5.8	123
42	Striving Toward Noble-Metal-Free Photocatalytic Water Splitting: The Hydrogenated-Graphene/TiO ₂ Prototype. <i>Chemistry of Materials</i> , 2015 , 27, 6282-6296	9.6	70
41	Visible Light-Driven H ₂ Production over Highly Dispersed Ruthenia on Rutile TiO ₂ Nanorods. <i>ACS Catalysis</i> , 2016 , 6, 407-417	13.1	63
40	Morphological effect of TiO ₂ catalysts on photocatalytic degradation of methylene blue. <i>Journal of Industrial and Engineering Chemistry</i> , 2011 , 17, 397-400	6.3	53
39	Reduced graphene oxide/titanate hybrids: Morphologic evolution by alkali-solvothermal treatment and applications in water purification. <i>Applied Surface Science</i> , 2012 , 258, 4551-4557	6.7	50
38	The role of rare earth metals in lanthanide-incorporated mesoporous titania. <i>Microporous and Mesoporous Materials</i> , 2009 , 119, 290-298	5.3	50
37	Hydrogenated TiO ₂ @reduced graphene oxide sandwich-like nanosheets for high voltage supercapacitor applications. <i>Carbon</i> , 2018 , 126, 135-144	10.4	45
36	Hierarchical Heterogeneity at the CeO _x /TiO ₂ Interface: Electronic and Geometric Structural Influence on the Photocatalytic Activity of Oxide on Oxide Nanostructures. <i>Journal of Physical Chemistry C</i> , 2015 , 150127101000001	3.8	40
35	Synthesis of hierarchical rose bridal bouquet- and humming-top-like TiO ₂ nanostructures and their shape-dependent degradation efficiency of dye. <i>Journal of Colloid and Interface Science</i> , 2011 , 356, 138-44	8.3	40
34	Three-dimensional ruthenium-doped TiO ₂ sea urchins for enhanced visible-light-responsive H ₂ production. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 15972-9	3.6	40
33	Cu-doped TiO ₂ /reduced graphene oxide thin-film photocatalysts: Effect of Cu content upon methylene blue removal in water. <i>Ceramics International</i> , 2015 , 41, 11184-11193	5.1	33
32	Fabrication of TiO ₂ nanostructured films by spray deposition with high photocatalytic activity of methylene blue. <i>Materials Letters</i> , 2010 , 64, 1387-1390	3.3	31
31	Photocatalytic performance of Sn-doped TiO ₂ /reduced graphene oxide composite materials. <i>Applied Catalysis A: General</i> , 2014 , 473, 21-30	5.1	29
30	Au and Pt nanoparticle supported catalysts tailored for H ₂ production: From models to powder catalysts. <i>Applied Catalysis A: General</i> , 2016 , 518, 18-47	5.1	27

29	Edge-Enhanced Oxygen Evolution Reactivity at Ultrathin, Au-Supported Fe ₂ O ₃ Electrocatalysts. <i>ACS Catalysis</i> , 2019 , 9, 5375-5382	13.1	26
28	Dry Reforming of Methane on a Highly-Active Ni-CeO ₂ Catalyst: Effects of Metal-Support Interactions on C≡C Bond Breaking. <i>Angewandte Chemie</i> , 2016 , 128, 7581-7585	3.6	23
27	Uniform distribution of TiO ₂ nanocrystals on reduced graphene oxide sheets by the chelating ligands. <i>Journal of Colloid and Interface Science</i> , 2012 , 367, 139-47	9.3	21
26	Mesoporous titanasilicate/reduced graphene oxide composites: layered structure, high surface-to-volume ratio, doping effect and application in dye removal from water. <i>Journal of Materials Chemistry</i> , 2012 , 22, 20504		20
25	Atomic-Level Structural Dynamics of Polyoxoniobates during DMMP Decomposition. <i>Scientific Reports</i> , 2017 , 7, 773	4.9	19
24	Nitrogen-doped mesoporous reduced graphene oxide for high-performance supercapacitors. <i>RSC Advances</i> , 2014 , 4, 22455	3.7	19
23	Removal efficiency of gaseous benzene using lanthanide-doped mesoporous titania. <i>Journal of Hazardous Materials</i> , 2009 , 167, 75-81	12.8	19
22	Characterization of vanadium-doped mesoporous titania and its adsorption of gaseous benzene. <i>Applied Surface Science</i> , 2011 , 257, 2024-2031	6.7	19
21	Surfactant removal from mesoporous TiO ₂ nanocrystals by supercritical CO ₂ fluid extraction. <i>Journal of Industrial and Engineering Chemistry</i> , 2010 , 16, 823-828	6.3	18
20	Temperature tunability in Sr _{1-x} CaxFeO ₃ for reversible oxygen storage: a computational and experimental study. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 2602-2612	13	17
19	Enhanced, robust light-driven H ₂ generation by gallium-doped titania nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 2104-2112	3.6	17
18	Interfacial Cu ⁺ promoted surface reactivity: Carbon monoxide oxidation reaction over polycrystalline copper/titania catalysts. <i>Surface Science</i> , 2016 , 652, 206-212	1.8	17
17	Influence of heat treatment on thermally-reduced graphene oxide/TiO ₂ composites for photocatalytic applications. <i>Korean Journal of Chemical Engineering</i> , 2011 , 28, 2236-2241	2.8	17
16	Understanding three-dimensionally interconnected porous oxide-derived copper electrocatalyst for selective carbon dioxide reduction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 27576-27584	13	16
15	Importance of Low Dimensional CeO _x Nanostructures in Pt/CeO _x /TiO ₂ Catalysts for the Water-Gas Shift Reaction. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 6635-6642	3.8	14
14	Hierarchical macrochanneled layered titanates with house-of-cards type titanate nanosheets and their superior photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 7690	13	14
13	Unraveling the Hydrogenation of TiO ₂ and Graphene Oxide/TiO ₂ Composites in Real Time by in Situ Synchrotron X-ray Powder Diffraction and Pair Distribution Function Analysis. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 3472-3482	3.8	12
12	Morphological evolution of hierarchical nickel titanates by elevation of the solvothermal temperature. <i>Materials Letters</i> , 2014 , 131, 217-221	3.3	12

11	Facile microwave-assisted synthesis and controllable architecture of three-dimensional nickel titanate. <i>CrystEngComm</i> , 2015 , 17, 4562-4574	3.3	11
10	Adsorptive interaction of bisphenol A with mesoporous titanasilicate/reduced graphene oxide nanocomposite materials: FT-IR and Raman analyses. <i>Nanoscale Research Letters</i> , 2014 , 9, 462	5	10
9	Adsorption of benzene onto mesoporous silicates modified by titanium. <i>Research on Chemical Intermediates</i> , 2008 , 34, 743-753	2.8	9
8	Influence of alkali-treatment temperature on the one-dimensional structure of nanosized TiO ₂ . <i>Research on Chemical Intermediates</i> , 2010 , 36, 613-619	2.8	8
7	Influence of TiO ₂ dimension and graphene oxide content on the self-cleaning activity of methylene blue-stained photocatalytic films. <i>Materials Research Bulletin</i> , 2012 , 47, 2988-2993	5.1	4
6	Interaction of Pb ²⁺ ions with surfactant-containing mesoporous silicates. <i>Journal of Industrial and Engineering Chemistry</i> , 2008 , 14, 510-514	6.3	4
5	Resolving the Size-Dependent Transition between CO ₂ Reduction Reaction and H ₂ Evolution Reaction Selectivity in Sub-5 nm Silver Nanoparticle Electrocatalysts. <i>ACS Catalysis</i> , 5921-5929	13.1	4
4	Investigation of Sr Ca FeO Oxygen Carriers with Variable Cobalt B-Site Substitution. <i>ChemSusChem</i> , 2021 , 14, 1893-1901	8.3	3
3	High current density electroreduction of CO into formate with tin oxide nanospheres.. <i>Scientific Reports</i> , 2022 , 12, 8420	4.9	1
2	Influence of hierarchical architecture of layered titanate on electrochemical properties and Li-insertion performance. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 711, 53-59	4.1	
1	Mesoporous Titanasilicate/Reduced Graphene Oxide Composite Adsorbents for a Mixed-Solute Solution. <i>Environmental Engineering Science</i> , 2014 , 31, 148-155	2	