

Phornphimon Maitarad

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

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933447

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docs citations

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times ranked

707
citing authors

#	ARTICLE	IF	CITATIONS
1	Facet-Activity Relationship of TiO_2 in $\text{Fe}_2\text{O}_3/\text{TiO}_2$ Nanocatalysts for Selective Catalytic Reduction of NO with NH_3 : <i>In Situ</i> DRIFTS and DFT Studies. <i>Journal of Physical Chemistry C</i> , 2017, 121, 4970-4979.	3.1	144
2	Improved NO _x reduction in the presence of alkali metals by using hollandite Mn-Ti oxide promoted Cu-SAPO-34 catalysts. <i>Environmental Science: Nano</i> , 2018, 5, 1408-1419.	4.3	86
3	Alkali-Resistant NO _x Reduction over SCR Catalysts via Boosting NH_3 Adsorption Rates by <i>In Situ</i> Constructing the Sacrificed Sites. <i>Environmental Science & Technology</i> , 2020, 54, 13314-13321.	10.0	70
4	A MnN ₄ moiety embedded graphene as a magnetic gas sensor for CO detection: A first principle study. <i>Applied Surface Science</i> , 2019, 473, 820-827.	6.1	67
5	Metal-Porphyrin: A Potential Catalyst for Direct Decomposition of N_2O by Theoretical Reaction Mechanism Investigation. <i>Environmental Science & Technology</i> , 2014, 48, 7101-7110.	10.0	44
6	Mechanistic insight into the selective catalytic reduction of NO by NH_3 over low-valent titanium-porphyrin: a DFT study. <i>Catalysis Science and Technology</i> , 2016, 6, 3878-3885.	4.1	23
7	Discovery of novel JAK2 and EGFR inhibitors from a series of thiazole-based chalcone derivatives. <i>RSC Medicinal Chemistry</i> , 2021, 12, 430-438.	3.9	22
8	Efficient photocatalytic reactions of Cr(VI) reduction and ciprofloxacin and RhB oxidation with Sn(II)-doped BiOBr. <i>Catalysis Science and Technology</i> , 2019, 9, 5953-5961.	4.1	18
9	Multivariate Synthetic Strategy for Improving Crystallinity of Zwitterionic Squaraine-Linked Covalent Organic Frameworks with Enhanced Photothermal Performance. <i>Small</i> , 2022, 18, e2201275.	10.0	17
10	Oxotitanium-porphyrin for selective catalytic reduction of NO by NH_3 : a theoretical mechanism study. <i>New Journal of Chemistry</i> , 2018, 42, 16806-16813.	2.8	14
11	High selective catalyst for ethylene epoxidation to ethylene oxide: A DFT investigation. <i>Applied Surface Science</i> , 2020, 513, 145799.	6.1	9
12	Rational Design of Chrysen-Based Hybridized Local and Charge-Transfer Molecules as Efficient Non-Doped Deep-Blue Emitters for Simple Structured Electroluminescent Devices. <i>Chemistry - an Asian Journal</i> , 2021, , .	3.3	8
13	<i>In Silico</i> Screening of DNA Gyrase B Potent Flavonoids for the Treatment of <i>Clostridium difficile</i> Infection from PhytoHub Database. <i>Brazilian Archives of Biology and Technology</i> , 0, 64, .	0.5	7
14	Computational Screening of Newly Designed Compounds against Cocksackievirus A16 and Enterovirus A71. <i>Molecules</i> , 2022, 27, 1908.	3.8	7
15	Iodine-doped covalent organic frameworks with coaxially stacked cruciform anthracenes for high Hall mobility. <i>Chemical Communications</i> , 2022, 58, 6606-6609.	4.1	2
16	Prediction of the Glass Transition Temperature in Polyethylene Terephthalate/Polyethylene Vanillate (PET/PEV) Blends: A Molecular Dynamics Study. <i>Polymers</i> , 2022, 14, 2858.	4.5	2
17	Effect of Water Molecule on Photo-Assisted Nitrous Oxide Decomposition over Oxotitanium Porphyrin: A Theoretical Study. <i>Catalysts</i> , 2020, 10, 157.	3.5	1