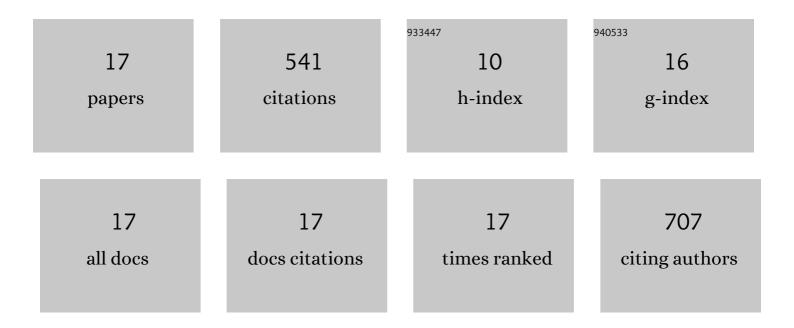
## Phornphimon Maitarad

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7197918/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Facet–Activity Relationship of TiO <sub>2</sub> in Fe <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> Nanocatalysts for Selective Catalytic Reduction of NO with NH <sub>3</sub> : <i>In Situ</i> DRIFTs and DFT Studies. Journal of Physical Chemistry C, 2017, 121, 4970-4979.	3.1	144
2	Improved NO <sub>x</sub> reduction in the presence of alkali metals by using hollandite Mn–Ti oxide promoted Cu-SAPO-34 catalysts. Environmental Science: Nano, 2018, 5, 1408-1419.	4.3	86
3	Alkali-Resistant NO <sub><i>x</i></sub> Reduction over SCR Catalysts via Boosting NH <sub>3</sub> Adsorption Rates by In Situ Constructing the Sacrificed Sites. Environmental Science & Technology, 2020, 54, 13314-13321.	10.0	70
4	A MnN4 moiety embedded graphene as a magnetic gas sensor for CO detection: A first principle study. Applied Surface Science, 2019, 473, 820-827.	6.1	67
5	Metal–Porphyrin: A Potential Catalyst for Direct Decomposition of N <sub>2</sub> O by Theoretical Reaction Mechanism Investigation. Environmental Science & Technology, 2014, 48, 7101-7110.	10.0	44
6	Mechanistic insight into the selective catalytic reduction of NO by NH <sub>3</sub> over low-valent titanium-porphyrin: a DFT study. Catalysis Science and Technology, 2016, 6, 3878-3885.	4.1	23
7	Discovery of novel JAK2 and EGFR inhibitors from a series of thiazole-based chalcone derivatives. RSC Medicinal Chemistry, 2021, 12, 430-438.	3.9	22
8	Efficient photocatalytic reactions of Cr( <scp>vi</scp> ) reduction and ciprofloxacin and RhB oxidation with Sn( <scp>ii</scp> )-doped BiOBr. Catalysis Science and Technology, 2019, 9, 5953-5961.	4.1	18
9	Multivariate Synthetic Strategy for Improving Crystallinity of Zwitterionic Squaraineâ€Linked Covalent Organic Frameworks with Enhanced Photothermal Performance. Small, 2022, 18, e2201275.	10.0	17
10	Oxotitanium-porphyrin for selective catalytic reduction of NO by NH <sub>3</sub> : a theoretical mechanism study. New Journal of Chemistry, 2018, 42, 16806-16813.	2.8	14
11	High selective catalyst for ethylene epoxidation to ethylene oxide: A DFT investigation. Applied Surface Science, 2020, 513, 145799.	6.1	9
12	Rational Design of Chryseneâ€Based Hybridized Local and Chargeâ€Transfer Molecules as Efficient Nonâ€Doped Deepâ€Blue Emitters for Simple Structured Electroluminescent Devices. Chemistry - an Asian Journal, 2021, , .	3.3	8
13	In Silico Screening of DNA Gyrase B Potent Flavonoids for the Treatment of Clostridium difficile Infection from PhytoHub Database. Brazilian Archives of Biology and Technology, 0, 64, .	0.5	7
14	Computational Screening of Newly Designed Compounds against Coxsackievirus A16 and Enterovirus A71. Molecules, 2022, 27, 1908.	3.8	7
15	Iodine-doped covalent organic frameworks with coaxially stacked cruciform anthracenes for high Hall mobility. Chemical Communications, 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. Polymers, 2022, 14, 2858.	4.5	2
17	Effect of Water Molecule on Photo-Assisted Nitrous Oxide Decomposition over Oxotitanium Porphyrin: A Theoretical Study. Catalysts, 2020, 10, 157.	3.5	1