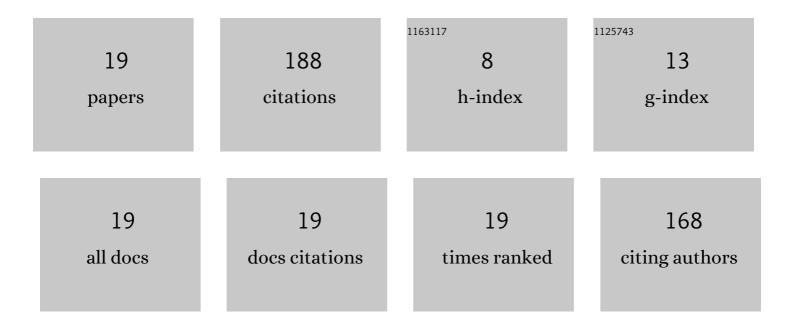
Meena Rittiruam

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Experimental and DFT investigations of the performance of ZrO2 catalysts modified with Ce, La, Y, Mg, and Ba oxides during methyl stearate ketonization. Applied Surface Science, 2022, 585, 152627.	6.1	5
2	On a high photocatalytic activity of high-noble alloys Au–Ag/TiO2 catalysts during oxygen evolution reaction of water oxidation. Scientific Reports, 2022, 12, 2604.	3.3	15
3	A key role of soft and refractory coke in the deactivation of γ–Al2O3 catalysts during low-temperature methyl oleate epoxidation: An experiment and DFT study. Fuel, 2022, 321, 124064.	6.4	2
4	Experimental and DFT investigations on enhanced stability found on Re-, Rh-, and Nb-promoted Pt/WOx/γ-Al2O3 catalyst during aqueous-phase glycerol hydrogenolysis. Fuel, 2022, 326, 125019.	6.4	6
5	Deactivating and Non-Deactivating Coking Found on Ni-Based Catalysts during Combined Steam-Dry Reforming of Methane. Topics in Catalysis, 2021, 64, 357-370.	2.8	8
6	On the deactivation mechanisms of MnO2 electrocatalyst during operation in rechargeable zinc-air batteries studied via density functional theory. Journal of Alloys and Compounds, 2021, 869, 159280.	5.5	17
7	Experimental and computational investigation on underlying factors promoting high coke resistance in NiCo bimetallic catalysts during dry reforming of methane. Scientific Reports, 2021, 11, 519.	3.3	14
8	Experimental and computational study on roles of WOx promoting strong metal support promoter interaction in Pt catalysts during glycerol hydrogenolysis. Scientific Reports, 2021, 11, 530.	3.3	8
9	Performance controlled via surface oxygen-vacancy in Ti-based oxide catalyst during methyl oleate epoxidation. Scientific Reports, 2020, 10, 18952.	3.3	27
10	Computational Study of the Evolution of Ni-Based Catalysts during the Dry Reforming of Methane. Energy & Fuels, 2020, 34, 4855-4864.	5.1	22
11	Dilute concentrations of Sb (Bi) dopants in Sn-site enhance the thermoelectric properties of TiNiSn half-Heusler alloys: a first-principles study. Japanese Journal of Applied Physics, 2020, 59, 035003.	1.5	2
12	A computational-experimental investigation on high ethylene selectivity in ethanol dehydration reaction found on WOx/ZrO2-activated carbon bi-support systems. Scientific Reports, 2019, 9, 19738.	3.3	8
13	Reduced lattice thermal conductivity of Ti-site substituted transition metals Ti1-XTMXNiSn: A quasi-harmonic Debye model study. Chinese Journal of Physics, 2019, 57, 393-402.	3.9	8
14	Enhancing the thermoelectric properties of TiNiSn by transition metals co-doped on the Ti-site of TiO.5TMIO.25TMIIO.25NiSn: A first-principles study. Journal of Applied Physics, 2018, 124, 175101.	2.5	3
15	Enhancing the Thermoelectric Performance of Self-Defect TiNiSn: A First-Principles Calculation. Journal of Electronic Materials, 2018, 47, 7456-7462.	2.2	9
16	La/Sm/Er Cation Doping Induced Thermal Properties of SrTiO ₃ Perovskite. Inorganic Chemistry, 2016, 55, 8822-8826.	4.0	13
17	Affected annealing time treatment on preferred orientation and thermoelectric properties of h–GeSbTe0.5 alloy thin film. Current Applied Physics, 2016, 16, 305-310.	2.4	3
18	Molecular simulation for thermoelectric properties of c-axis oriented hexagonal GeSbTe model clusters. Materials and Design, 2016, 89, 957-963.	7.0	16

#	Article	IF	CITATIONS
19	Thermal Properties of Bi Doped PbTe Simulated by Molecular Dynamics. Integrated Ferroelectrics, 2014, 155, 150-155.	0.7	2