

# Panya Maneechakr

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

436  
citations

840776

11  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

397  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous assistance of molecular oxygen and mesoporous SO <sub>3</sub> H <sup>+</sup> alumina for a selective conversion of biomass-derived furfural to Î <sup>3</sup> -valerolactone without an external addition of H <sub>2</sub> . Sustainable Energy and Fuels, 2021, 5, 4041-4052.	4.9	6
2	Improving the Bio-Oil Quality via Effective Pyrolysis/Deoxygenation of Palm Kernel Cake over a Metal (Cu, Ni, or Fe)-Doped Carbon Catalyst. ACS Omega, 2021, 6, 20006-20014.	3.5	19
3	Facile utilization of magnetic MnO <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> @sulfonated carbon sphere for selective removal of hazardous Pb(II) ion with an excellent capacity: Adsorption behavior/isotherm/kinetic/thermodynamic studies. Journal of Environmental Chemical Engineering, 2021, 9, 106191.	6.7	21
4	Rapid Transformation of Furfural to Biofuel Additive Ethyl Levulinate with In Situ Suppression of Humins Promoted by an Acidic-Oxygen Environment. ACS Sustainable Chemistry and Engineering, 2021, 9, 14170-14179.	6.7	11
5	Investigation on adsorption behaviors of heavy metal ions (Cd <sup>2+</sup> , Cr <sup>3+</sup> , Hg <sup>2+</sup> and Pb <sup>2+</sup> ) through low-cost/active manganese dioxide-modified magnetic biochar derived from palm kernel cake residue. Journal of Environmental Chemical Engineering, 2020, 8, 104467.	6.7	87
6	Catalytic conversion of fructose into 5-HMF under eco-friendly-biphasic process. Reaction Chemistry and Engineering, 2020, 5, 2058-2063.	3.7	14
7	Facile In Situ 5-EMF Synthesis and Extraction Processes from Catalytic Conversion of Sugar under Sustainable Long-Life Cycle. ACS Sustainable Chemistry and Engineering, 2020, 8, 14867-14876.	6.7	16
8	Study of a recycling reaction system for catalytic transformation of biomass-based carbohydrates <i>via</i> acidic-polar biphasic conditions. Reaction Chemistry and Engineering, 2020, 5, 1405-1409.	3.7	2
9	Environmental surface chemistries and adsorption behaviors of metal cations (Fe <sup>3+</sup> ,) Tj ETQq1 1 0.784314 rgBT /Overload biochar. RSC Advances, 2019, 9, 24074-24086.	3.6	31
10	Designs of linear-quadratic regression models for facile conversion of carbohydrate into high value (5-(ethoxymethyl)furan-2-carboxaldehyde) fuel chemical. Energy Conversion and Management, 2019, 196, 410-417.	9.2	11
11	A facile way for sugar transformation catalyzed by carbon-based Lewis-Brønsted solid acid. Molecular Catalysis, 2019, 479, 110632.	2.0	11
12	The essential role of Fe(III) ion removal over efficient/low-cost activated carbon: surface chemistry and adsorption behavior. Research on Chemical Intermediates, 2019, 45, 4583-4605.	2.7	13
13	Adsorption behaviors and capacities of Cr(VI) onto environmentally activated carbon modified by cationic (HDTMA and DDAB) surfactants. Journal of Molecular Structure, 2019, 1186, 80-90.	3.6	36
14	Selective conversion of fructose into 5-ethoxymethylfurfural over green catalyst. Research on Chemical Intermediates, 2019, 45, 743-756.	2.7	14
15	Adsorption behavior of As(V) from aqueous solution by using Fe <sub>3</sub> O <sub>4</sub> -modified activated carbon (Leucaena leucocephala (Lam) de Wit). Research on Chemical Intermediates, 2018, 44, 7135-7157.	2.7	7
16	Bifunctional Mg <sup>2+</sup> /Cu <sup>2+</sup> -Loaded Î <sup>2</sup> AZ Zeolite: High Selectivity for the Conversion of Furfural into Monoaromatic Compounds. ChemCatChem, 2018, 10, 3564-3575.	3.7	15
17	Adsorption behaviour of Fe(II) and Cr(VI) on activated carbon: Surface chemistry, isotherm, kinetic and thermodynamic studies. Journal of Chemical Thermodynamics, 2017, 106, 104-112.	2.0	98
18	Facile synthesis of ZnO particles via benzene-assisted co-solvothermal method with different alcohols and its application. RSC Advances, 2016, 6, 73947-73952.	3.6	5

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19	Ultrasonic-assisted biodiesel production from waste cooking oil over novel sulfonic functionalized carbon spheres derived from cyclodextrin via one-step: a way to produce biodiesel at short reaction time. RSC Advances, 2015, 5, 55252-55261.	3.6	19