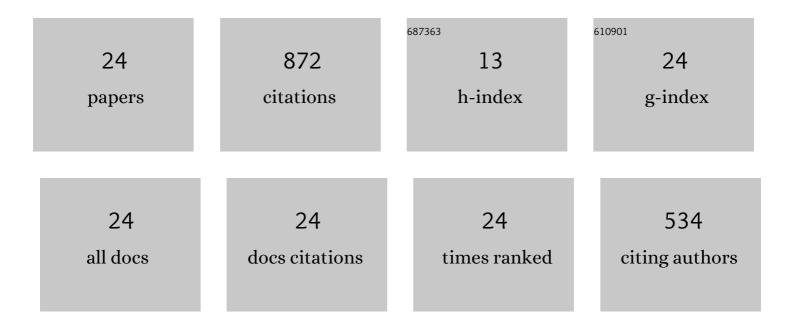
JarosÅ,aw Serafin

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8961939/publications.pdf Version: 2024-02-01



IADOSÅ ANN SEDAEIN

#	Article	IF	CITATIONS
1	Highly microporous activated carbons from biomass for CO 2 capture and effective micropores at different conditions. Journal of CO2 Utilization, 2017, 18, 73-79.	6.8	265
2	Direct conversion of biomass to nanoporous activated biocarbons for high CO2 adsorption and supercapacitor applications. Applied Surface Science, 2019, 497, 143722.	6.1	130
3	Preparation of low-cost activated carbons from amazonian nutshells for CO2 storage. Biomass and Bioenergy, 2021, 144, 105925.	5.7	60
4	Management of surgical mask waste to activated carbons for CO2 capture. Journal of CO2 Utilization, 2022, 59, 101970.	6.8	59
5	Conversion of fruit waste-derived biomass to highly microporous activated carbon for enhanced CO2 capture. Waste Management, 2021, 136, 273-282.	7.4	55
6	The new tailored nanoporous carbons from the common polypody (Polypodium vulgare): The role of textural properties for enhanced CO2 adsorption. Chemical Engineering Journal, 2022, 429, 131751.	12.7	45
7	Physical and chemical properties of activated carbon synthesized from plant wastes and shungite for CO2 capture. Journal of Environmental Chemical Engineering, 2021, 9, 106798.	6.7	43
8	Promising activated carbons derived from common oak leaves and their application in CO2 storage. Journal of Environmental Chemical Engineering, 2022, 10, 107642.	6.7	31
9	Single step preparation of activated biocarbons derived from pomegranate peels and their CO2 adsorption performance. Journal of Analytical and Applied Pyrolysis, 2021, 160, 105338.	5.5	26
10	Activated carbons from the Amazonian biomass andiroba shells applied as a CO2 adsorbent and a cheap semiconductor material. Journal of CO2 Utilization, 2022, 62, 102071.	6.8	22
11	Preparation and characterisation of carbon spheres for carbon dioxide capture. Journal of Porous Materials, 2019, 26, 19-27.	2.6	19
12	Adsorption of carbon dioxide on TEPA-modified TiO ₂ /titanate composite nanorods. New Journal of Chemistry, 2017, 41, 7870-7885.	2.8	16
13	Photocatalytic hydrogen production from alcohol aqueous solutions over TiO2-activated carbon composites decorated with Au and Pt. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 425, 113726.	3.9	15
14	Computer Analysis of the Effect of Activation Temperature on the Microporous Structure Development of Activated Carbon Derived from Common Polypody. Materials, 2021, 14, 2951.	2.9	14
15	Macroporous silicon coated with M/TiO2 (M=Au,Pt) as a highly efficient photoreactor for hydrogen production. Chemical Engineering Journal, 2020, 393, 124701.	12.7	12
16	Utilization of spent dregs for the production of activated carbon for CO ₂ adsorption. Polish Journal of Chemical Technology, 2017, 19, 44-50.	0.5	11
17	Carbonaceous catalysts from orange pulp for limonene oxidation. Carbon Letters, 2020, 30, 189-198.	5.9	11
18	Activated Carbon Modification towards Efficient Catalyst for High Value-Added Products Synthesis from Alpha-Pinene. Materials, 2021, 14, 7811.	2.9	10

JarosÅ,aw Serafin

#	Article	IF	CITATIONS
19	Hydrogen photoproduction on TiO2-reduced graphene oxide hybrid materials from water-ethanol mixture. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 418, 113406.	3.9	8
20	A straightforward method to prepare supported Au clusters by mechanochemistry and its application in photocatalysis. Applied Materials Today, 2020, 21, 100873.	4.3	7
21	Preparation of Activated Carbon from the Biodegradable film for Co ₂ Capture Applications. Polish Journal of Chemical Technology, 2018, 20, 75-80.	0.5	5
22	Microporous carbon spheres modified with EDA used as carbon dioxide sorbents. Advanced Materials Letters, 2018, 9, 432-435.	0.6	4
23	FeCl3-Modified Carbonaceous Catalysts from Orange Peel for Solvent-Free Alpha-Pinene Oxidation. Materials, 2021, 14, 7729.	2.9	3
24	Adsorption And Thermodynamic Parameters Of Activated Carbon-Diazepam Systems In Simulated Gastric Fluid. Advanced Materials Letters, 2021, 12, 21061637-21061637.	0.6	1