Nartzislav Petrov

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12092031/publications.pdf

Version: 2024-02-01

16	224	1163117	996975
papers	citations	8	15
		h-index	g-index

17	17	17	358
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activated carbon from coal tar pitch and furfural for the removal of p-nitrophenol and m-aminophenol. Chemical Engineering Journal, 2011, 172, 102-108.	12.7	40
2	Porosity development during steam activation of carbon foams from chemically modified pitch. Microporous and Mesoporous Materials, 2012, 154, 56-61.	4.4	37
3	Activated carbon from Bulgarian peach stones as a support of catalysts for methanol decomposition. Biomass and Bioenergy, 2018, 109, 135-146.	5.7	34
4	Biomass waste-derived nitrogen and iron co-doped nanoporous carbons as electrocatalysts for the oxygen reduction reaction. Electrochimica Acta, 2021, 387, 138490.	5.2	23
5	Activated carbon from waste biomass as catalyst support: formation of active phase in copper and cobalt catalysts for methanol decomposition. Journal of Porous Materials, 2015, 22, 1127-1136.	2.6	20
6	Removal of detergents from water by adsorption on activated carbons obtained from various precursors. Desalination and Water Treatment, 2014, 52, 3445-3452.	1.0	17
7	Zinc ferrites hosted in activated carbon from waste precursors as catalysts in methanol decomposition. Microporous and Mesoporous Materials, 2016, 229, 59-67.	4.4	12
8	New method for synthesis of carbon foam on the base of mixture of coal tar pitch and furfural without using pressure and stabilization treatment. Diamond and Related Materials, 2020, 109, 108066.	3.9	12
9	NixZn1-xFe2O4 modified activated carbons from industrial waste as catalysts for hydrogen production. Microporous and Mesoporous Materials, 2019, 285, 96-104.	4.4	8
10	Cobalt and iron modified activated carbon from coal tar pitch: preparation and application as catalysts for methanol decomposition. Journal of Porous Materials, 2014, 21, 503-512.	2.6	5
11	Ni0.5M0.5Fe2O4 (Mâ€‰=â€‰Cu, Zn) Ferrites Hosted in Nanoporous Carbon from Waste Materials as Catalysts for Hydrogen Production. Waste and Biomass Valorization, 2021, 12, 1371-1384.	3.4	5
12	Conversion of waste algae from biodiesel production to valuable gas, liquid and solid products. Journal of Material Cycles and Waste Management, 2020, 22, 1176-1183.	3.0	3
13	Valorization of coal treatment residues as a host matrix of nanosized nickel, copper and zinc ferrites. Reaction Kinetics, Mechanisms and Catalysis, 2019, 127, 691-703.	1.7	1
14	Investigation of the Possibilities for Removal of Phenolic Toxic Compounds from Water by Nanoporous Carbon from Polymer By-Products. Applied Sciences (Switzerland), 2022, 12, 2243.	2.5	1
15	Design and Catalytic Behaviour of Hosted in Activated Carbon Foam CoxZn1â^'xFe2O4 Ferrites. Symmetry, 2021, 13, 1532.	2.2	0
16	BIOCARBON FROM DIFFERENT BIOMASS PRECURSORS. , 2021, 2021, 34-37.		0