

# Nartzislav Petrov

## List of Publications by Year in descending order

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16  
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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Design and Catalytic Behaviour of Hosted in Activated Carbon Foam $\text{Co}_x\text{Zn}_{1-x}\text{Fe}_2\text{O}_4$ Ferrites. Symmetry, 2021, 13, 1532.	2.2	0
4	$\text{Ni}_{0.5}\text{M}_{0.5}\text{Fe}_2\text{O}_4$ ( $\text{M} = \text{Cu}, \text{Zn}$ ) Ferrites Hosted in Nanoporous Carbon from Waste Materials as Catalysts for Hydrogen Production. Waste and Biomass Valorization, 2021, 12, 1371-1384.	3.4	5
5	BIOCARBON FROM DIFFERENT BIOMASS PRECURSORS. , 2021, 2021, 34-37.		0
6	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
7	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
8	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
9	$\text{Ni}_x\text{Zn}_{1-x}\text{Fe}_2\text{O}_4$ modified activated carbons from industrial waste as catalysts for hydrogen production. Microporous and Mesoporous Materials, 2019, 285, 96-104.	4.4	8
10	Activated carbon from Bulgarian peach stones as a support of catalysts for methanol decomposition. Biomass and Bioenergy, 2018, 109, 135-146.	5.7	34
11	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
12	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
13	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
14	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
15	Porosity development during steam activation of carbon foams from chemically modified pitch. Microporous and Mesoporous Materials, 2012, 154, 56-61.	4.4	37
16	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