

# Katarzyna Ąudzik

## List of Publications by Year in descending order

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21  
papers

198  
citations

1163117

8  
h-index

1058476

14  
g-index

22  
all docs

22  
docs citations

22  
times ranked

232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of phase transformations, structural, corrosion properties and cytotoxicity of magnetite-based nanoparticles. <i>Vacuum</i> , 2019, 163, 236-247.	3.5	33
2	Application of Conductance Study to Analyze Micellization Behavior of Cationic Gemini Surfactants in Water and Water-Ethanol Solvent Mixed Media. <i>Journal of Chemical &amp; Engineering Data</i> , 2016, 61, 1047-1053.	1.9	32
3	Kinetic and Equilibrium Studies of Doxorubicin Adsorption onto Carbon Nanotubes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8230.	4.1	23
4	A microcalorimetric titration study on the micelle formation of alkanediyl- $\beta$ -bis(dimethylalkylammonium bromide) surfactants at a 283.15-343.15 K temperature range. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 110, 263-271.	3.6	14
5	Antimicrobial and Cytotoxic Properties of Bisquaternary Ammonium Bromides of Different Spacer Length. <i>Journal of Surfactants and Detergents</i> , 2018, 21, 91-99.	2.1	13
6	Immobilization of carboranes on Fe <sub>3</sub> O <sub>4</sub> -polymer nanocomposites for potential application in boron neutron cancer therapy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 125035.	4.7	11
7	Description of Release Process of Doxorubicin from Modified Carbon Nanotubes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12003.	4.1	9
8	Calorimetric and densimetric examinations of aqueous solutions of heptylene-1,7-bis(dimethyloctylammonium bromide) and octylene-1,8-bis(dimethyloctylammonium) Tj ETQq0 0 0 rgt /Overlock 10 Tf 5	4.1	9
9	Heat capacity of downols within a temperature range of (275.15-339.15) K. Measurements and prediction. <i>Fluid Phase Equilibria</i> , 2016, 430, 13-18.	2.5	7
10	Partial Molar Heat Capacities at Chosen Temperatures in the Range (298.15 to 328.15) K and Partial Molar Volumes at 298.15 K of <i>N</i> -Acetyl- <i>N</i> -methyl- $\beta$ -amino Acid Amides in Aqueous Solution. <i>Journal of Chemical &amp; Engineering Data</i> , 2012, 57, 1423-1432.	1.9	6
11	Effect of properties of the <i>N,N</i> -dimethylformamide+Methanol and <i>N,N</i> -dimethylformamide+Water mixtures on the solution enthalpy of cyclic ethers in these mixtures at 298.15 K. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 126, 1645-1655.	3.6	6
12	Structural properties of ice in confinement. <i>Journal of Molecular Liquids</i> , 2019, 283, 167-173.	4.9	6
13	Anti-algal activity of the 12-5-12 gemini surfactant results from its impact on the photosynthetic apparatus. <i>Scientific Reports</i> , 2021, 11, 2360.	3.3	6
14	Boron and Gadolinium Loaded Fe <sub>3</sub> O <sub>4</sub> Nanocarriers for Potential Application in Neutron Capture Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8687.	4.1	6
15	Interactions between sodium dodecylsulphate and didodecyldimethylammonium bromides vesicles in aqueous solutions. <i>Journal of Molecular Liquids</i> , 2017, 240, 273-279.	4.9	5
16	Application of Fe <sub>2</sub> O <sub>3</sub> /CeO <sub>2</sub> nanocomposites for the purification of aqueous media. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	2.3	4
17	Can the Isothermal Calorimetric Curve Shapes Suggest the Structural Changes in Micellar Aggregates?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5828.	4.1	3
18	Solvation enthalpy of selected glymes in the mixtures of <i>N,N</i> -dimethylformamide with propan-1-ol or methanol at 298.15 K. The solvent contribution to the solvation enthalpy of glymes. <i>Journal of Molecular Liquids</i> , 2020, 314, 113733.	4.9	2

#	ARTICLE	IF	CITATIONS
19	Modification of magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles for targeted delivery of payloads. Bulletin of the Karaganda University Chemistry Series, 2021, 101, 99-108.	0.5	2
20	Carbon fibres as potential bone implants with controlled doxorubicin release. Scientific Reports, 2022, 12, 2607.	3.3	1
21	Simultaneous immobilization of gadolinium ions and di(o-carborano-1,2-dimethyl)borate on Fe <sub>3</sub> O <sub>4</sub> nanoparticles. Bulletin of the Karaganda University Chemistry Series, 0, , .	0.5	1