

# Joanna Kurczewska

## List of Publications by Year in descending order

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61  
papers

895  
citations

566801

15  
h-index

525886

27  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1003  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dendrimer-functionalized halloysite nanotubes for effective drug delivery. <i>Applied Clay Science</i> , 2018, 153, 134-143.	2.6	91
2	Halloysite nanotubes as carriers of vancomycin in alginate-based wound dressing. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 911-920.	1.2	84
3	Alginate/PAMAM dendrimer @ Halloysite beads for removal of cationic and anionic dyes. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 398-408.	3.6	59
4	Molecularly imprinted polymer as drug delivery carrier in alginate dressing. <i>Materials Letters</i> , 2017, 201, 46-49.	1.3	50
5	Chitosan-montmorillonite hydrogel beads for effective dye adsorption. <i>Journal of Water Process Engineering</i> , 2022, 48, 102928.	2.6	40
6	PAMAM-halloysite Dunino hybrid as an effective adsorbent of ibuprofen and naproxen from aqueous solutions. <i>Applied Clay Science</i> , 2020, 190, 105603.	2.6	37
7	Flowing atmospheric pressure afterglow combined with laser ablation for direct analysis of compounds separated by thin-layer chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 815-823.	1.9	31
8	Application of paclitaxel-imprinted microparticles obtained using two different cross-linkers for prolonged drug delivery. <i>European Polymer Journal</i> , 2019, 118, 328-336.	2.6	24
9	EPR spectroscopy and imaging of TEMPO-labeled magnetite nanoparticles. <i>Current Applied Physics</i> , 2014, 14, 798-804.	1.1	21
10	Direct analysis of methcathinone from crude reaction mixture by flowing atmospheric pressure afterglow mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1577-1580.	0.7	20
11	Electron paramagnetic resonance as an effective method for a characterization of functionalized iron oxide. <i>Journal of Physics and Chemistry of Solids</i> , 2014, 75, 594-598.	1.9	20
12	Magnetic mesoporous silica Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @meso-SiO <sub>2</sub> and Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @meso-SiO <sub>2</sub> -NH <sub>2</sub> as adsorbents for the determination of trace organic compounds. <i>Microporous and Mesoporous Materials</i> , 2017, 240, 80-90.	2.2	20
13	Focusing of Fe <sub>3</sub> O <sub>4</sub> nanoparticles using a rotating magnetic field in various environments. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 3192-3196.	0.9	20
14	Molecularly imprinted polymers as selective adsorbents for ambient plasma mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3393-3405.	1.9	19
15	Preparation of multifunctional cascade iron oxide nanoparticles for drug delivery. <i>Materials Chemistry and Physics</i> , 2018, 211, 34-41.	2.0	16
16	Alginate and pectin films covering halloysite with encapsulated salicylic acid as food packaging components. <i>Applied Clay Science</i> , 2021, 214, 106270.	2.6	16
17	High decrease in soil metal bioavailability by metal immobilization with halloysite clay. <i>Environmental Chemistry Letters</i> , 2015, 13, 319-325.	8.3	15
18	The Application of the Microwave Plasma Ionization Source in Ambient Mass Spectrometry. <i>Plasma Chemistry and Plasma Processing</i> , 2019, 39, 1001-1017.	1.1	15

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19	Vancomycin-modified silica: Synthesis, controlled release and biological activity of the drug. <i>International Journal of Pharmaceutics</i> , 2015, 486, 226-231.	2.6	14
20	FAPA mass spectrometry of designer drugs. <i>Talanta</i> , 2016, 146, 29-33.	2.9	14
21	The influence of surface modification, coating agents and pH value of aqueous solutions on physical properties of magnetite nanoparticles investigated by ESR method. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 429, 203-210.	1.0	14
22	Medicinal Herbs in the Relief of Neurological, Cardiovascular, and Respiratory Symptoms after COVID-19 Infection A Literature Review. <i>Cells</i> , 2022, 11, 1897.	1.8	14
23	ESR as a monitoring method of the interactions between TEMPO-functionalized magnetic nanoparticles and yeast cells. <i>Scientific Reports</i> , 2019, 9, 18733.	1.6	13
24	Preparation and characterization of magnetic carbon nanomaterials bearing APTS-silica on their surface. <i>Journal of Materials Science</i> , 2010, 45, 1100-1106.	1.7	12
25	Molecular Scavengers as Carriers of Analytes for Mass Spectrometry Identification. <i>Analytical Chemistry</i> , 2014, 86, 11226-11229.	3.2	12
26	Determination of hexabromocyclododecane by flowing atmospheric pressure afterglow mass spectrometry. <i>Talanta</i> , 2014, 128, 58-62.	2.9	12
27	The principles of a new method, MNF-3D, for concentration of magnetic particles in three-dimensional space. <i>Measurement: Journal of the International Measurement Confederation</i> , 2017, 112, 137-140.	2.5	11
28	The influence of cross-linking agent onto adsorption properties, release behavior and cytotoxicity of doxorubicin-imprinted microparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110379.	2.5	11
29	EGDMA- and TRIM-Based Microparticles Imprinted with 5-Fluorouracil for Prolonged Drug Delivery. <i>Polymers</i> , 2022, 14, 1027.	2.0	11
30	The reaction heats and PM5 semiempirical studies of complexes formed between silicon podand and monovalent cations. <i>Journal of Molecular Structure</i> , 2005, 733, 231-237.	1.8	10
31	Will the use of double barrier result in sustained release of vancomycin? Optimization of parameters for preparation of a new antibacterial alginate-based modern dressing. <i>International Journal of Pharmaceutics</i> , 2015, 496, 526-533.	2.6	10
32	Magnetic scavengers as carriers of analytes for flowing atmospheric pressure afterglow mass spectrometry (FAPA-MS). <i>Analyst</i> , 2015, 140, 6138-6144.	1.7	10
33	Diffusion of functionalized magnetite nanoparticles forced by a magnetic field studied by EPR method. <i>Current Applied Physics</i> , 2016, 16, 562-567.	1.1	9
34	Construction of Plasma Ion Sources to be Applied in Analysis of Small Organic Compounds Using Mass Spectrometry. <i>Plasma Chemistry and Plasma Processing</i> , 2020, 40, 235-260.	1.1	9
35	The reaction heats and PM5 semiempirical studies of complexes formed between silicon podand and Li <sup>+</sup> cations. <i>Journal of Molecular Structure</i> , 2005, 741, 11-17.	1.8	8
36	SBA-15 Mesoporous Silica Modified with Gallic Acid and Evaluation of Its Cytotoxic Activity. <i>PLoS ONE</i> , 2015, 10, e0132541.	1.1	8

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37	Application of FAPA mass spectrometry for analysis of fragrance ingredients used in cosmetics. Measurement: Journal of the International Measurement Confederation, 2021, 168, 108326.	2.5	8
38	Inorganic magnetic support for sodium cation scavenging. Thin Solid Films, 2009, 517, 6076-6080.	0.8	7
39	The dynamics of functionalized magnetite nanoparticles in various solutions studied by ESR method. Materials Chemistry and Physics, 2017, 198, 297-302.	2.0	7
40	ESR Method in Monitoring of Nanoparticle Endocytosis in Cancer Cells. International Journal of Molecular Sciences, 2020, 21, 4388.	1.8	7
41	Synthesis of Silica Chemically Bonded with Poly(Ethylene Oxide) 4-armed, Amine-terminated for Copper Cation Removal. Water Environment Research, 2010, 82, 2387-2392.	1.3	6
42	Copper removal by carbon nanomaterials bearing cyclam-functionalized silica. Open Chemistry, 2010, 8, 341-346.	1.0	6
43	Adsorption of metal ions on magnetic carbon nanomaterials bearing chitosan-functionalized silica. International Journal of Materials Research, 2010, 101, 1543-1547.	0.1	6
44	Double barrier as an effective method for slower delivery rate of ibuprofen. International Journal of Pharmaceutics, 2014, 472, 248-250.	2.6	5
45	FAPA mass spectrometry of hydroxychalcones. Comparative studies with classical methods of ionization. Current Issues in Pharmacy and Medical Sciences, 2014, 27, 27-31.	0.1	5
46	Photoacoustic infrared spectroscopic studies of silica gels with organically functionalized surface. Spectroscopy Letters, 2016, 49, 529-534.	0.5	5
47	Chemically modified silica surface as effective sodium cation scavenger. Sensors and Actuators B: Chemical, 2008, 134, 672-679.	4.0	4
48	Silica surface modified by aliphatic amines as effective copper complexing agents. International Journal of Materials Research, 2010, 101, 1037-1041.	0.1	4
49	The influence of silica functionalized with silanes on migration of heavy metals in soil. Polish Journal of Chemical Technology, 2016, 18, 51-57.	0.3	4
50	ESI-MS study of copper chloride/phase-transfer catalytic systems for oxidation of cumene with 1-methyl-1-phenylethyl hydroperoxide. Monatshefte für Chemie, 2010, 141, 143-147.	0.9	3
51	Epoxy resin modified with amine as an effective complexing agent of metal cations. Open Chemistry, 2013, 11, 1723-1728.	1.0	3
52	The effect of pendant-arm modification and ring size on the dynamics of cyclic polyamines. Journal of Molecular Structure, 2006, 792-793, 274-279.	1.8	2
53	Modified silica surface by phenylboronic acid derivatives as effective sugar sensor. Open Chemistry, 2009, 7, 697-701.	1.0	2
54	The bifunctionality of silica gel modified with Congo red. Open Chemistry, 2011, 9, 41-46.	1.0	2

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55	Remediation of heavy metals from soil using quartz sand functionalized with organic amino silanes. Polish Journal of Chemical Technology, 2013, 15, 116-120.	0.3	2
56	Chemistry for nanotechnology. Polish Journal of Chemical Technology, 2014, 16, 70-74.	0.3	2
57	Binding of Industrial Deposits of Heavy Metals and Arsenic in the Soil by 3-Aminopropyltrimethoxysilane. Polish Journal of Chemical Technology, 2014, 16, 12-15.	0.3	2
58	The Electrospray (ESI) and Flowing Atmosphere-Pressure Afterglow (FAPA) Mass Spectrometry Studies of Nitrophenols (Plant Growth Stimulants) Removed Using Strong Base-Functionalized Materials. Materials, 2021, 14, 6388.	1.3	2
59	SYNTHESIS AND ESI-MS STUDY OF NEW N-FUNCTIONALIZED MACROCYCLIC POLYAMINE AND AZACROWN ETHER DERIVATIVES. Organic Preparations and Procedures International, 2007, 39, 76-80.	0.6	1
60	Immobilization of quaternary ammonium salts on silica gel for perchlorate ions removal. Open Chemistry, 2012, 10, 1452-1458.	1.0	0
61	ESR for Controlling Magnetite Nanoparticles Focusing. , 0, , .		0