

# Joanna Giebultowicz

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,192  
citations

394286

19  
h-index

477173

29  
g-index

78  
all docs

78  
docs citations

78  
times ranked

1744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of antidepressant residues in the sewage-impacted Vistula and Utrata rivers and in tap water in Warsaw (Poland). <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 103-109.	2.9	88
2	Higher cerebrospinal fluid to plasma ratio of p-cresol sulfate and indoxyl sulfate in patients with Parkinson's disease. <i>Clinica Chimica Acta</i> , 2020, 501, 165-173.	0.5	63
3	Analysis of fire deaths in Poland and influence of smoke toxicity. <i>Forensic Science International</i> , 2017, 277, 77-87.	1.3	57
4	Industrialization as a source of heavy metals and antibiotics which can enhance the antibiotic resistance in wastewater, sewage sludge and river water. <i>PLoS ONE</i> , 2021, 16, e0252691.	1.1	52
5	Occurrence of antimicrobial agents, drug-resistant bacteria, and genes in the sewage-impacted Vistula River (Poland). <i>Environmental Science and Pollution Research</i> , 2018, 25, 5788-5807.	2.7	44
6	Nebulization of ultradeformable liposomes: The influence of aerosolization mechanism and formulation excipients. <i>International Journal of Pharmaceutics</i> , 2012, 436, 519-526.	2.6	40
7	Environmental Risk and Risk of Resistance Selection Due to Antimicrobials Occurrence in Two Polish Wastewater Treatment Plants and Receiving Surface Water. <i>Molecules</i> , 2020, 25, 1470.	1.7	37
8	Occurrence of immunosuppressive drugs and their metabolites in the sewage-impacted Vistula and Utrata Rivers and in tap water from the Warsaw region (Poland). <i>Chemosphere</i> , 2016, 148, 137-147.	4.2	36
9	Acute exposure of zebrafish ( <i>Danio rerio</i> ) larvae to environmental concentrations of selected antidepressants: Bioaccumulation, physiological and histological changes. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 229, 108670.	1.3	32
10	Comparison of antioxidant enzymes activity and the concentration of uric acid in the saliva of patients with oral cavity cancer, odontogenic cysts and healthy subjects. <i>Journal of Oral Pathology and Medicine</i> , 2011, 40, 726-730.	1.4	31
11	Occurrence of cardiovascular drugs in the sewage-impacted Vistula River and in tap water in the Warsaw region (Poland). <i>Environmental Science and Pollution Research</i> , 2016, 23, 24337-24349.	2.7	28
12	Salivary Aldehyde Dehydrogenase: Activity towards Aromatic Aldehydes and Comparison with Recombinant ALDH3A1. <i>Molecules</i> , 2009, 14, 2363-2372.	1.7	27
13	Asymmetric Dimethylarginine (ADMA) and Symmetric Dimethylarginine (SDMA) Concentrations in Patients with Obesity and the Risk of Obstructive Sleep Apnea (OSA). <i>Journal of Clinical Medicine</i> , 2019, 8, 897.	1.0	27
14	Determination of selected cardiovascular active compounds in environmental aquatic samples – Methods and results, a review of global publications from the last 10 years. <i>Chemosphere</i> , 2015, 138, 642-656.	4.2	26
15	A highly selective molecularly imprinted sorbent for extraction of 2-aminothiazoline-4-carboxylic acid – Synthesis, characterization and application in post-mortem whole blood analysis. <i>Journal of Chromatography A</i> , 2015, 1420, 16-25.	1.8	25
16	Oxidative stress markers in saliva and plasma differ between diet-controlled and insulin-controlled gestational diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2019, 148, 72-80.	1.1	24
17	LC-MS/MS method development and validation for quantitative analyses of 2-aminothiazoline-4-carboxylic acid – a new cyanide exposure marker in post mortem blood. <i>Talanta</i> , 2016, 150, 586-592.	2.9	23
18	Development and validation of a rapid LC-MS/MS method for determination of methylated nucleosides and nucleobases in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1128, 121775.	1.2	23

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19	Theoretical and experimental approach to hydrophilic interaction dispersive solid-phase extraction of 2-aminothiazoline-4-carboxylic acid from human post-mortem blood. <i>Journal of Chromatography A</i> , 2019, 1587, 61-72.	1.8	22
20	Cloud-point extraction is compatible with liquid chromatography coupled to electrospray ionization mass spectrometry for the determination of bisoprolol in human plasma. <i>Journal of Chromatography A</i> , 2015, 1423, 39-46.	1.8	21
21	Can lower aldehyde dehydrogenase activity in saliva be a risk factor for oral cavity cancer?. <i>Oral Diseases</i> , 2013, 19, 763-766.	1.5	20
22	Synthesis and characterization of cadmium(II)-imprinted poly(1-allyl-2-thiourea-co-ethylene glycol) Tj ETQq0 0 0 rgBT./Overlock 10 Tf 50	1.7	19
23	Development of the LC-MS/MS method for determining the p-cresol level in plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 167, 149-154.	1.4	19
24	The assessment of environmental risk related to the occurrence of pharmaceuticals in bottom sediments of the Odra River estuary (SW Baltic Sea). <i>Science of the Total Environment</i> , 2022, 828, 154446.	3.9	19
25	Age-dependent increase in serum levels of indoxyl sulphate and p-cresol sulphate is not related to their precursors: Tryptophan and tyrosine. <i>Geriatrics and Gerontology International</i> , 2017, 17, 1022-1026.	0.7	17
26	Salivary aldehyde dehydrogenase - temporal and population variability, correlations with drinking and smoking habits and activity towards aldehydes contained in food.. <i>Acta Biochimica Polonica</i> , 2010, 57, .	0.3	17
27	Cloud-point extraction is compatible with liquid chromatography coupled to electrospray ionization mass spectrometry for the determination of antazoline in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 294-301.	1.4	16
28	Influence of Selected Antidepressants on the Ciliated Protozoan <i>Spirostomum ambiguum</i> : Toxicity, Bioaccumulation, and Biotransformation Products. <i>Molecules</i> , 2020, 25, 1476.	1.7	16
29	Clinical Implications of Intestinal Barrier Damage in Psoriasis. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 237-243.	1.6	16
30	Blood ALDH1 and GST Activity in Diabetes Type 2 and its Correlation with Glycated Hemoglobin. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2014, 122, 55-59.	0.6	15
31	Effects of Selol 5% supplementation on the activity or concentration of antioxidants and malondialdehyde level in the blood of healthy mice. <i>Pharmacological Reports</i> , 2014, 66, 301-310.	1.5	15
32	Application of a novel liquid chromatography/tandem mass spectrometry method for the determination of antazoline in human plasma: Result of ELEPHANT-I [ELEctrophysiological, pharmacokinetic and hemodynamic effects of PHenazolinum (ANTazoline mesylate)] human pharmacokinetic study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 123, 113-119.	1.4	15
33	Matrix effect screening for cloud-point extraction combined with liquid chromatography coupled to mass spectrometry: Bioanalysis of pharmaceuticals. <i>Journal of Chromatography A</i> , 2019, 1591, 44-54.	1.8	14
34	Development and validation of a LC-MS/MS method for quantitative analysis of uraemic toxins p-cresol sulphate and indoxyl sulphate in saliva. <i>Talanta</i> , 2016, 150, 593-598.	2.9	13
35	Changes in Water Soluble Uremic Toxins and Urinary Acute Kidney Injury Biomarkers After 10- and 100-km Runs. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4153.	1.2	13
36	Application of Magnetic Core-Shell Imprinted Nanoconjugates for the Analysis of Hordenine in Human Plasma-Preliminary Data on Pharmacokinetic Study after Oral Administration. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 14502-14512.	2.4	13

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37	Application of <i>Pleurotus ostreatus</i> to efficient removal of selected antidepressants and immunosuppressants. <i>Journal of Environmental Management</i> , 2020, 273, 111131.	3.8	13
38	Antazoline—insights into drug-induced electrocardiographic and hemodynamic effects: Results of the <sc>ELEPHANT II</sc> substudy. <i>Annals of Noninvasive Electrocardiology</i> , 2017, 22, .	0.5	12
39	Determination of Pharmaceuticals, Heavy Metals, and Oxysterols in Fish Muscle. <i>Molecules</i> , 2021, 26, 1229.	1.7	12
40	Application of 2-Aminothiazoline-4-carboxylic Acid as a Forensic Marker of Cyanide Exposure. <i>Chemical Research in Toxicology</i> , 2017, 30, 516-523.	1.7	11
41	The utility of saliva testing in the estimation of uremic toxin levels in serum. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 57, 230-237.	1.4	11
42	Oxidative Stress Markers Differ in Two Placental Dysfunction Pathologies: Pregnancy-Induced Hypertension and Intrauterine Growth Restriction. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	11
43	Trimethylamine N-Oxide, a Gut Microbiota-Derived Metabolite, Is Associated with Cardiovascular Risk in Psoriasis: A Cross-Sectional Pilot Study. <i>Dermatology and Therapy</i> , 2021, 11, 1277-1289.	1.4	11
44	Theoretical and experimental proof for selective response of imprinted sorbent — analysis of hordenine in human urine. <i>Journal of Chromatography A</i> , 2020, 1613, 460677.	1.8	9
45	Determination of Antidepressants in Human Plasma by Modified Cloud-Point Extraction Coupled with Mass Spectrometry. <i>Pharmaceuticals</i> , 2020, 13, 458.	1.7	9
46	The development of the LC—MS/MS method based on S-9 biotransformation for detection of metabolites of selected $\beta$ -adrenolytics in surface water. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 906-916.	2.0	8
47	Development and Application of a Novel QuEChERS Method for Monitoring of Tributyltin and Triphenyltin in Bottom Sediments of the Odra River Estuary, North Westernmost Part of Poland. <i>Molecules</i> , 2020, 25, 591.	1.7	8
48	The growth and saponin production of <i>Platycodon grandiflorum</i> (Jacq.) A. DC. (Chinese bellflower) hairy roots cultures maintained in shake flasks and mist bioreactor. <i>Acta Societatis Botanicorum Poloniae</i> , 2014, 83, 229-237.	0.8	8
49	How echinococcosis affects potential cancer markers in plasma: galectin-3, sN-cadherin and sE-cadherin? a preliminary report. <i>Diagnostic Pathology</i> , 2012, 7, 17.	0.9	6
50	Reduced levels of modified nucleosides in the urine of autistic children. Preliminary studies. <i>Analytical Biochemistry</i> , 2019, 571, 62-67.	1.1	6
51	LC-MS/MS Determination of Modified Nucleosides in The Urine of Parkinson—s Disease and Parkinsonian Syndromes Patients. <i>Molecules</i> , 2020, 25, 4959.	1.7	6
52	Impact of structure and magnetic parameters of nanocrystalline cores on surface properties of molecularly imprinted nanoconjugates for analysis of biomolecules — A case of tyramine. <i>Microchemical Journal</i> , 2022, 179, 107571.	2.3	6
53	The activity of salivary aldehyde dehydrogenase during the menstrual cycle and pregnancy. <i>Archives of Oral Biology</i> , 2013, 58, 261-265.	0.8	5
54	Magnetic Core—Shell Molecularly Imprinted Nano-Conjugates for Extraction of Antazoline and Hydroxyantazoline from Human Plasma—Material Characterization, Theoretical Analysis and Pharmacokinetics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3665.	1.8	5

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55	Magnetic Molecularly Imprinted Nano-Conjugates for Effective Extraction of Food Components – A Model Study of Tyramine Determination in Craft Beers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9560.	1.8	5
56	Salivary aldehyde dehydrogenase - temporal and population variability, correlations with drinking and smoking habits and activity towards aldehydes contained in food. <i>Acta Biochimica Polonica</i> , 2010, 57, 361-8.	0.3	5
57	Antioxidant balance in plasma of patients on home parenteral nutrition: A pilot study comparing three different lipid emulsions. <i>Clinical Nutrition</i> , 2021, 40, 3950-3958.	2.3	4
58	Effect of Genistein Supplementation on the Progression of Neoplasms and the Level of the Modified Nucleosides in Rats With Mammary Cancer. <i>In Vivo</i> , 2021, 35, 2059-2072.	0.6	4
59	Anticancer activity of topical ointments with histone deacetylase inhibitor, trichostatin A. <i>Advances in Clinical and Experimental Medicine</i> , 2020, 29, 1039-1049.	0.6	4
60	Optimization of White-Rot Fungi Mycelial Culture Components for Bioremediation of Pharmaceutical-Derived Pollutants. <i>Water (Switzerland)</i> , 2022, 14, 1374.	1.2	4
61	Effects of Selol 5% supplementation on tissue antioxidant enzyme levels and peroxidation marker in healthy mice. <i>Pharmacological Reports</i> , 2018, 70, 1073-1078.	1.5	3
62	Computational and experimental designing of imprinted sorbent for the determination of nitroxidative stress products: an analysis of 4-hydroxyphenylacetic acid conversion. <i>Journal of Materials Science</i> , 2021, 56, 8439-8460.	1.7	3
63	Evaluation of Salivary Indoxyl Sulfate with Proteinuria for Predicting Graft Deterioration in Kidney Transplant Recipients. <i>Toxins</i> , 2021, 13, 571.	1.5	3
64	Salivary aldehyde dehydrogenase activity – influence of drugs intake, preliminary research. <i>Acta Poloniae Pharmaceutica</i> , 2010, 67, 615-9.	0.3	3
65	Detection of ALDH3B2 in Human Placenta. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6292.	1.8	2
66	Characterization of In Vitro and In Vivo Metabolism of Antazoline Using Liquid Chromatography-Tandem Mass Spectrometry. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9693.	1.8	2
67	Nanosized zinc, epigenetic changes and its relationship with DMBA induced breast cancer in rats. <i>Reviews in Analytical Chemistry</i> , 2020, 39, 200-208.	1.5	2
68	Application of Liquid Chromatography Coupled to Mass Spectrometry in Quality Assessment of Dietary Supplements – A Case Study of Tryptophan Supplements: Release Assay, Targeted and Untargeted Studies. <i>Pharmaceuticals</i> , 2022, 15, 448.	1.7	2
69	Common ALDH3A1 Gene Variant Associated with Keratoconus Risk in the Polish Population. <i>Journal of Clinical Medicine</i> , 2022, 11, 8.	1.0	2
70	Albumin Apheresis for Artificial Liver Support: In Vitro Testing of a Novel Filter. <i>Therapeutic Apheresis and Dialysis</i> , 2018, 22, 399-409.	0.4	1
71	LC-MS/MS determination of dutasteride and its major metabolites in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114362.	1.4	1
72	Replicates Number for Drug Stability Testing during Bioanalytical Method Validation – An Experimental and Retrospective Approach. <i>Molecules</i> , 2022, 27, 457.	1.7	1

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73	Development and Performance Verification of the PBPK Model for Antazoline and Its Metabolite and Its Utilization for Pharmacological Hypotheses Formulating. <i>Pharmaceuticals</i> , 2022, 15, 379.	1.7	1
74	TYROSOL GLUCOSYLTRANSFERASE ACTIVITY AND SALIDROSIDE PRODUCTION IN NATURAL AND TRANSFORMED ROOT CULTURES OF RHODIOLA KIRILOWII (REGEL) REGEL ET MAXIMOWICZ. <i>Acta Biologica Cracoviensia Series Botanica</i> , 2013, 55, .	0.5	0
75	An example of the application of Mössbauer spectroscopy for determination of concentration of iron in lyophilized brain tissue. <i>Nukleonika</i> , 2017, 62, 159-163.	0.3	0
76	FP302 THE ASSOCIATION BETWEEN GUT-DERIVED AND WATER-SOLUBLE UREMIC TOXINS AFTER EXTREME PHYSICAL EXERCISE. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.4	0
77	Soil and sediment analysis. , 2021, , 85-116.		0
78	The effect of selenium, zinc and copper on the excretion of urinary modified nucleobases in rats treated with prostate cancer cells. <i>Reviews in Analytical Chemistry</i> , 2020, 39, 106-115.	1.5	0