

# Joanna Giebultowicz

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,192  
citations

394421

19  
h-index

477307

29  
g-index

78  
all docs

78  
docs citations

78  
times ranked

1744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Replicates Number for Drug Stability Testing during Bioanalytical Method Validation—An Experimental and Retrospective Approach. <i>Molecules</i> , 2022, 27, 457.	3.8	1
2	Development and Performance Verification of the PBPK Model for Antazoline and Its Metabolite and Its Utilization for Pharmacological Hypotheses Formulating. <i>Pharmaceutics</i> , 2022, 15, 379.	3.8	1
3	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>Pharmaceutics</i> , 2022, 15, 448.	3.8	2
4	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.	8.0	19
5	Common ALDH3A1 Gene Variant Associated with Keratoconus Risk in the Polish Population. <i>Journal of Clinical Medicine</i> , 2022, 11, 8.	2.4	2
6	Optimization of White-Rot Fungi Mycelial Culture Components for Bioremediation of Pharmaceutical-Derived Pollutants. <i>Water (Switzerland)</i> , 2022, 14, 1374.	2.7	4
7	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.	4.5	6
8	Determination of Pharmaceuticals, Heavy Metals, and Oxysterols in Fish Muscle. <i>Molecules</i> , 2021, 26, 1229.	3.8	12
9	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.	3.7	3
10	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.	4.1	5
11	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.	3.0	11
12	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.	5.0	4
13	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.	2.5	52
14	Evaluation of Salivary Indoxyl Sulfate with Proteinuria for Predicting Graft Deterioration in Kidney Transplant Recipients. <i>Toxins</i> , 2021, 13, 571.	3.4	3
15	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.	4.1	5
16	LC-MS/MS determination of dutasteride and its major metabolites in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114362.	2.8	1
17	Clinical Implications of Intestinal Barrier Damage in Psoriasis. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 237-243.	3.5	16
18	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.	1.3	4

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19	Soil and sediment analysis. , 2021, , 85-116.		0
20	Theoretical and experimental proof for selective response of imprinted sorbent " analysis of hordenine in human urine. Journal of Chromatography A, 2020, 1613, 460677.	3.7	9
21	Higher cerebrospinal fluid to plasma ratio of p-cresol sulfate and indoxyl sulfate in patients with Parkinson's disease. Clinica Chimica Acta, 2020, 501, 165-173.	1.1	63
22	Acute exposure of zebrafish (Danio rerio) larvae to environmental concentrations of selected antidepressants: Bioaccumulation, physiological and histological changes. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 229, 108670.	2.6	32
23	Application of Magnetic Core-Shell Imprinted Nanoconjugates for the Analysis of Hordenine in Human Plasma-Preliminary Data on Pharmacokinetic Study after Oral Administration. Journal of Agricultural and Food Chemistry, 2020, 68, 14502-14512.	5.2	13
24	Application of Pleurotus ostreatus to efficient removal of selected antidepressants and immunosuppressant. Journal of Environmental Management, 2020, 273, 111131.	7.8	13
25	Oxidative Stress Markers Differ in Two Placental Dysfunction Pathologies: Pregnancy-Induced Hypertension and Intrauterine Growth Restriction. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-12.	4.0	11
26	Characterization of In Vitro and In Vivo Metabolism of Antazoline Using Liquid Chromatography-Tandem Mass Spectrometry. International Journal of Molecular Sciences, 2020, 21, 9693.	4.1	2
27	Determination of Antidepressants in Human Plasma by Modified Cloud-Point Extraction Coupled with Mass Spectrometry. Pharmaceuticals, 2020, 13, 458.	3.8	9
28	LC-MS/MS Determination of Modified Nucleosides in The Urine of Parkinson's Disease and Parkinsonian Syndromes Patients. Molecules, 2020, 25, 4959.	3.8	6
29	Influence of Selected Antidepressants on the Ciliated Protozoan Spirostomum ambiguum: Toxicity, Bioaccumulation, and Biotransformation Products. Molecules, 2020, 25, 1476.	3.8	16
30	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. Molecules, 2020, 25, 591.	3.8	8
31	Environmental Risk and Risk of Resistance Selection Due to Antimicrobials' Occurrence in Two Polish Wastewater Treatment Plants and Receiving Surface Water. Molecules, 2020, 25, 1470.	3.8	37
32	The effect of selenium, zinc and copper on the excretion of urinary modified nucleobases in rats treated with prostate cancer cells. Reviews in Analytical Chemistry, 2020, 39, 106-115.	3.2	0
33	Nanosized zinc, epigenetic changes and its relationship with DMBA induced breast cancer in rats. Reviews in Analytical Chemistry, 2020, 39, 200-208.	3.2	2
34	Anticancer activity of topical ointments with histone deacetylase inhibitor, trichostatin A. Advances in Clinical and Experimental Medicine, 2020, 29, 1039-1049.	1.4	4
35	Asymmetric Dimethylarginine (ADMA) and Symmetric Dimethylarginine (SDMA) Concentrations in Patients with Obesity and the Risk of Obstructive Sleep Apnea (OSA). Journal of Clinical Medicine, 2019, 8, 897.	2.4	27
36	FP302 THE ASSOCIATION BETWEEN GUT-DERIVED AND WATER-SOLUBLE UREMIC TOXINS AFTER EXTREME PHYSICAL EXERCISE. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0

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37	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.	2.6	13
38	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.	2.3	23
39	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.	2.8	19
40	Reduced levels of modified nucleosides in the urine of autistic children. Preliminary studies. <i>Analytical Biochemistry</i> , 2019, 571, 62-67.	2.4	6
41	Detection of ALDH3B2 in Human Placenta. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6292.	4.1	2
42	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.	2.8	24
43	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.	3.7	14
44	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.	3.7	22
45	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.	5.3	44
46	Albumin Apheresis for Artificial Liver Support: In Vitro Testing of a Novel Filter. <i>Therapeutic Apheresis and Dialysis</i> , 2018, 22, 399-409.	0.9	1
47	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.	2.3	11
48	Effects of Selol 5% supplementation on tissue antioxidant enzyme levels and peroxidation marker in healthy mice. <i>Pharmacological Reports</i> , 2018, 70, 1073-1078.	3.3	3
49	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.	1.5	17
50	Application of 2-Aminothiazoline-4-carboxylic Acid as a Forensic Marker of Cyanide Exposure. <i>Chemical Research in Toxicology</i> , 2017, 30, 516-523.	3.3	11
51	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, .	1.1	12
52	Analysis of fire deaths in Poland and influence of smoke toxicity. <i>Forensic Science International</i> , 2017, 277, 77-87.	2.2	57
53	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.	0.8	0
54	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.	5.3	28

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55	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.	2.8	16
56	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.	5.5	23
57	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.	2.8	15
58	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.	8.2	36
59	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.	5.5	13
60	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.	4.0	8
61	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.	3.7	21
62	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.	8.2	26
63	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.	3.7	25
64	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.	1.2	15
65	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.	6.0	88
66	Synthesis and characterization of cadmium(II)-imprinted poly(1-allyl-2-thiourea-co-ethylene glycol) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.3	19
67	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.	3.3	15
68	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
69	The activity of salivary aldehyde dehydrogenase during the menstrual cycle and pregnancy. <i>Archives of Oral Biology</i> , 2013, 58, 261-265.	1.8	5
70	TYROSOL GLUCOSYLTRANSFERASE ACTIVITY AND SALIDROSIDE PRODUCTION IN NATURAL AND TRANSFORMED ROOT CULTURES OF <i>RHODIOLA KIRILOVII</i> (REGEL) REGEL ET MAXIMOWICZ. <i>Acta Biologica Cracoviensia Series Botanica</i> , 2013, 55, .	0.5	0
71	Can lower aldehyde dehydrogenase activity in saliva be a risk factor for oral cavity cancer?. <i>Oral Diseases</i> , 2013, 19, 763-766.	3.0	20
72	Nebulization of ultradeformable liposomes: The influence of aerosolization mechanism and formulation excipients. <i>International Journal of Pharmaceutics</i> , 2012, 436, 519-526.	5.2	40

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73	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.	2.0	6
74	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.	2.7	31
75	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, .	0.5	17
76	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.	0.5	5
77	Salivary aldehyde dehydrogenase activity--influence of drugs intake, preliminary research. <i>Acta Poloniae Pharmaceutica</i> , 2010, 67, 615-9.	0.1	3
78	Salivary Aldehyde Dehydrogenase: Activity towards Aromatic Aldehydes and Comparison with Recombinant ALDH3A1. <i>Molecules</i> , 2009, 14, 2363-2372.	3.8	27