

# Bartosz Wielgomas

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,221  
citations

361045

20  
h-index

395343

33  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1381  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfer of <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> strains isolated from potatoes grown at high altitudes to <i>Pectobacterium peruvienne</i> sp. nov.. <i>Systematic and Applied Microbiology</i> , 2018, 41, 85-93.	1.2	84
2	The effect of environmental exposure to pyrethroids and DNA damage in human sperm. <i>Systems Biology in Reproductive Medicine</i> , 2015, 61, 37-43.	1.0	79
3	Urinary Bisphenol A Levels and Male Fertility. <i>American Journal of Men's Health</i> , 2018, 12, 2144-2151.	0.7	69
4	Variability of urinary excretion of pyrethroid metabolites in seven persons over seven consecutive days – Implications for observational studies. <i>Toxicology Letters</i> , 2013, 221, 15-22.	0.4	64
5	Urinary concentrations of pyrethroid metabolites in the convenience sample of an urban population of Northern Poland. <i>International Journal of Hygiene and Environmental Health</i> , 2013, 216, 295-300.	2.1	63
6	Biomonitoring of pyrethroid exposure among rural and urban populations in northern Poland. <i>Chemosphere</i> , 2013, 93, 2547-2553.	4.2	49
7	Time-dependent changes in antioxidative enzyme expression and photosynthetic activity of <i>Chlamydomonas reinhardtii</i> cells under acute exposure to cadmium and anthracene. <i>Ecotoxicology and Environmental Safety</i> , 2014, 110, 31-40.	2.9	49
8	Semen Quality and the Level of Reproductive Hormones After Environmental Exposure to Pyrethroids. <i>Journal of Occupational and Environmental Medicine</i> , 2014, 56, 1113-1119.	0.9	47
9	The association between environmental exposure to pyrethroids and sperm aneuploidy. <i>Chemosphere</i> , 2015, 128, 42-48.	4.2	47
10	Human Semen Quality, Sperm DNA Damage, and the Level of Reproductive Hormones in Relation to Urinary Concentrations of Parabens. <i>Journal of Occupational and Environmental Medicine</i> , 2017, 59, 1034-1040.	0.9	44
11	Parameters of ovarian reserve in relation to urinary concentrations of parabens. <i>Environmental Health</i> , 2020, 19, 26.	1.7	40
12	<i>Pectobacterium zantedeschiae</i> sp. nov. a new species of a soft rot pathogen isolated from Calla lily ( <i>Zantedeschia</i> spp.). <i>Systematic and Applied Microbiology</i> , 2019, 42, 275-283.	1.2	39
13	Evaluation of 1-year urinary excretion of eight metabolites of synthetic pyrethroids, chlorpyrifos, and neonicotinoids. <i>Environment International</i> , 2020, 145, 106119.	4.8	38
14	Exposure to widespread environmental endocrine disrupting chemicals and human sperm sex ratio. <i>Environmental Pollution</i> , 2016, 213, 732-740.	3.7	37
15	Environmental levels of triclosan and male fertility. <i>Environmental Science and Pollution Research</i> , 2018, 25, 5484-5490.	2.7	37
16	New Insights into Butyrylcholinesterase Activity Assay: Serum Dilution Factor as a Crucial Parameter. <i>PLoS ONE</i> , 2015, 10, e0139480.	1.1	31
17	Off-line microextraction by packed sorbent combined with on solid support derivatization and GC-MS: Application for the analysis of five pyrethroid metabolites in urine samples. <i>Talanta</i> , 2018, 176, 165-171.	2.9	28
18	Triclosan exposure and ovarian reserve. <i>Reproductive Toxicology</i> , 2019, 89, 168-172.	1.3	27

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19	Capillary zone electrophoresis of bacterial extracellular vesicles: A proof of concept. <i>Journal of Chromatography A</i> , 2020, 1621, 461047.	1.8	26
20	Exposure to pyrethroid pesticides and ovarian reserve. <i>Environment International</i> , 2020, 144, 106028.	4.8	22
21	Environmental exposure to parabens and sperm chromosome disomy. <i>International Journal of Environmental Health Research</i> , 2017, 27, 332-343.	1.3	21
22	Detection of some volatile degradation products released during photoexposure of ranitidine in a solid state. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 76, 177-182.	1.4	20
23	Human Semen Quality, Sperm DNA Damage, and the Level of Urinary Concentrations of 1N and TCPY, the Biomarkers of Nonpersistent Insecticides. <i>American Journal of Men's Health</i> , 2019, 13, 155798831881659.	0.7	19
24	Persistent organochlorine contaminants in hair samples of Northern Poland population, 1968–2009. <i>Chemosphere</i> , 2012, 89, 975-981.	4.2	18
25	Concentrations of urinary biomarkers and predictors of exposure to pyrethroid insecticides in young, Polish, urban-dwelling men. <i>Science of the Total Environment</i> , 2021, 773, 145666.	3.9	17
26	Triclosan exposure and in vitro fertilization treatment outcomes in women undergoing in vitro fertilization. <i>Environmental Science and Pollution Research</i> , 2021, 28, 12993-12999.	2.7	16
27	Stabilization and isotachopheresis of unmodified gold nanoparticles in capillary electrophoresis. <i>Analytica Chimica Acta</i> , 2019, 1047, 248-256.	2.6	15
28	Development of hollow fiber-supported liquid-phase microextraction and HPLC-DAD method for the determination of pyrethroid metabolites in human and rat urine. <i>Biomedical Chromatography</i> , 2014, 28, 708-716.	0.8	14
29	Gold nanoparticles dispersion stability under dynamic coating conditions in capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2018, 1550, 63-67.	1.8	14
30	Urinary bisphenol A concentrations and in vitro fertilization outcomes among women from a fertility clinic. <i>Reproductive Toxicology</i> , 2020, 96, 216-220.	1.3	14
31	Silicone Wristbands in Exposure Assessment: Analytical Considerations and Comparison with Other Approaches. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1935.	1.2	14
32	Headspace single-drop microextraction and GC-ECD determination of chlorpyrifos-ethyl in rat liver. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1933-1941.	1.9	13
33	Evaluation of the photoprotective effect of $\beta$ -cyclodextrin on the emission of volatile degradation products of ranitidine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 113-119.	1.4	13
34	Urinary Bisphenol A Concentrations and Parameters of Ovarian Reserve among Women from a Fertility Clinic. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8041.	1.2	13
35	The consequences of overcoming the human skin barrier by siloxanes (silicones) Part 1. Penetration and permeation depth study of cyclic methyl siloxanes. <i>Chemosphere</i> , 2019, 231, 607-623.	4.2	12
36	Magnesium, C-reactive protein, and cortisol in drug-naïve patients with short illness-duration, first episode major depressive disorder: possible immunomodulatory role for magnesium. <i>Magnesium Research</i> , 2016, 29, 169-174.	0.4	10

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37	Quality Control of Bacterial Extracellular Vesicles with Total Protein Content Assay, Nanoparticles Tracking Analysis, and Capillary Electrophoresis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4347.	1.8	10
38	Evaluation of sample injection precision in respect to sensitivity in capillary electrophoresis using various injection modes. <i>Journal of Separation Science</i> , 2017, 40, 1167-1175.	1.3	7
39	Low-cost and green dispersive solid phase extraction of hydrophilic compounds using titanium dioxide nanoparticles. <i>Microchemical Journal</i> , 2019, 145, 784-790.	2.3	7
40	Ex Vivo Human Skin is not a Barrier for Cyclic Siloxanes (Cyclic Silicones): Evidence of Diffusion, Bioaccumulation, and Risk of Dermal Absorption Using a New Validated GC-FID Procedure. <i>Pharmaceutics</i> , 2020, 12, 586.	2.0	7
41	Investigation of selected parameters of capillary zone electrophoresis method for analysis of isolates of outer membrane vesicles. <i>Electrophoresis</i> , 2021, 42, 2010-2017.	1.3	7
42	Reversed-phase and normal-phase thin-layer chromatography and their application to the lipophilicity prediction of synthetic pyrethroids based on quantitative structure–retention relationships. <i>Journal of Planar Chromatography - Modern TLC</i> , 2018, 31, 99-104.	0.6	4
43	Low baseline salivary 3-methoxy-4-hydroxyphenylglycol (MHPC) in drug-naïve patients with short-illness-duration first episode major depressive disorder. <i>Journal of Affective Disorders</i> , 2014, 161, 4-7.	2.0	3
44	DeltaF508 CFTR Hetero- and Homozygous Paediatric Patients with Cystic Fibrosis Do Not Differ with Regard to Nutritional Status. <i>Nutrients</i> , 2021, 13, 1402.	1.7	3
45	Comparative study of the percutaneous permeation and bioaccumulation of a cyclic siloxane using frozen-thawed and nonfrozen ex vivo human skin. <i>Toxicology in Vitro</i> , 2022, 82, 105379.	1.1	3
46	Migration time shift of analytes in micellar electrokinetic chromatography induced by stacking. <i>Electrophoresis</i> , 2017, 38, 1730-1735.	1.3	2
47	Synthetic Pyrethroids Exposure and Embryological Outcomes: A Cohort Study in Women from Fertility Clinic. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5117.	1.2	2
48	“Molecularly imprinted chromatography” fails to distinguish homeopathic remedy from placebo. <i>Journal of Separation Science</i> , 2017, 40, 3976-3976.	1.3	1
49	Zinc, C-reactive protein, and cortisol in major depressive disorder: an exploratory analysis. <i>Trace Elements and Electrolytes</i> , 2017, 34, 104-106.	0.1	1
50	Zinc in drug-naïve patients with short-illness-duration first episode major depressive disorder: impact on psychopathological features. <i>Neuroendocrinology Letters</i> , 2014, 35, 741-5.	0.2	1
51	Biomonitoring of exposure to pyrethroids following their indoor application. <i>Toxicology Letters</i> , 2014, 229, S108.	0.4	0
52	Urinary selenium excretion in children and adults from Northern Poland. <i>Toxicology Letters</i> , 2014, 229, S108.	0.4	0
53	P281...Exposure to widespread environmental endocrine disrupting chemicals and human sperm sex ratio. , 2016, , .		0
54	Analytical Methods for Determination Urinary Metabolites of Synthetic Pyrethroids. <i>Handbook of Environmental Chemistry</i> , 2020, , 47-80.	0.2	0

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55	Development and validation of a gas chromatography method coupled with flame ionization detector for quantitative analysis of fragrance allergens in aromas for e-cigarettes. Journal of Separation Science, 2021, 44, 2250-2259.	1.3	0