

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	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
2	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
3	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
4	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
5	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
6	Development and validation of a gas chromatography method coupled with flame ionization detector for quantitative analysis of fragrance allergens in aromas for e-cigarettes. <i>Journal of Separation Science</i> , 2021, 44, 2250-2259.	1.3	0
7	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
8	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
9	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
10	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
11	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
12	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
13	Exposure to pyrethroid pesticides and ovarian reserve. <i>Environment International</i> , 2020, 144, 106028.	4.8	22
14	Capillary zone electrophoresis of bacterial extracellular vesicles: A proof of concept. <i>Journal of Chromatography A</i> , 2020, 1621, 461047.	1.8	26
15	Parameters of ovarian reserve in relation to urinary concentrations of parabens. <i>Environmental Health</i> , 2020, 19, 26.	1.7	40
16	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
17	Analytical Methods for Determination Urinary Metabolites of Synthetic Pyrethroids. <i>Handbook of Environmental Chemistry</i> , 2020, , 47-80.	0.2	0
18	Triclosan exposure and ovarian reserve. <i>Reproductive Toxicology</i> , 2019, 89, 168-172.	1.3	27

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19	Pectobacterium zantedeschiae sp. nov. a new species of a soft rot pathogen isolated from Calla lily (Zantedeschia spp.). Systematic and Applied Microbiology, 2019, 42, 275-283.	1.2	39
20	Human Semen Quality, Sperm DNA Damage, and the Level of Urinary Concentrations of 1N and TCPY, the Biomarkers of Nonpersistent Insecticides. American Journal of Men's Health, 2019, 13, 155798831881659.	0.7	19
21	Low-cost and green dispersive solid phase extraction of hydrophilic compounds using titanium dioxide nanoparticles. Microchemical Journal, 2019, 145, 784-790.	2.3	7
22	The consequences of overcoming the human skin barrier by siloxanes (silicones) Part 1. Penetration and permeation depth study of cyclic methyl siloxanes. Chemosphere, 2019, 231, 607-623.	4.2	12
23	Stabilization and isotachopheresis of unmodified gold nanoparticles in capillary electrophoresis. Analytica Chimica Acta, 2019, 1047, 248-256.	2.6	15
24	Transfer of Pectobacterium carotovorum subsp. carotovorum strains isolated from potatoes grown at high altitudes to Pectobacterium peruvienne sp. nov.. Systematic and Applied Microbiology, 2018, 41, 85-93.	1.2	84
25	Gold nanoparticles dispersion stability under dynamic coating conditions in capillary zone electrophoresis. Journal of Chromatography A, 2018, 1550, 63-67.	1.8	14
26	Environmental levels of triclosan and male fertility. Environmental Science and Pollution Research, 2018, 25, 5484-5490.	2.7	37
27	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. Talanta, 2018, 176, 165-171.	2.9	28
28	Reversed-phase and normal-phase thin-layer chromatography and their application to the lipophilicity prediction of synthetic pyrethroids based on quantitative structure-retention relationships. Journal of Planar Chromatography - Modern TLC, 2018, 31, 99-104.	0.6	4
29	Urinary Bisphenol A Levels and Male Fertility. American Journal of Men's Health, 2018, 12, 2144-2151.	0.7	69
30	Environmental exposure to parabens and sperm chromosome disomy. International Journal of Environmental Health Research, 2017, 27, 332-343.	1.3	21
31	Migration time shift of analytes in micellar electrokinetic chromatography induced by stacking. Electrophoresis, 2017, 38, 1730-1735.	1.3	2
32	Evaluation of sample injection precision in respect to sensitivity in capillary electrophoresis using various injection modes. Journal of Separation Science, 2017, 40, 1167-1175.	1.3	7
33	Molecularly imprinted chromatography fails to distinguish homeopathic remedy from placebo. Journal of Separation Science, 2017, 40, 3976-3976.	1.3	1
34	Human Semen Quality, Sperm DNA Damage, and the Level of Reproductive Hormones in Relation to Urinary Concentrations of Parabens. Journal of Occupational and Environmental Medicine, 2017, 59, 1034-1040.	0.9	44
35	Zinc, C-reactive protein, and cortisol in major depressive disorder: an exploratory analysis. Trace Elements and Electrolytes, 2017, 34, 104-106.	0.1	1
36	Exposure to widespread environmental endocrine disrupting chemicals and human sperm sex ratio. , 2016, , .		0

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37	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
38	Exposure to widespread environmental endocrine disrupting chemicals and human sperm sex ratio. <i>Environmental Pollution</i> , 2016, 213, 732-740.	3.7	37
39	The association between environmental exposure to pyrethroids and sperm aneuploidy. <i>Chemosphere</i> , 2015, 128, 42-48.	4.2	47
40	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
41	New Insights into Butyrylcholinesterase Activity Assay: Serum Dilution Factor as a Crucial Parameter. <i>PLoS ONE</i> , 2015, 10, e0139480.	1.1	31
42	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
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	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
45	Biomonitoring of exposure to pyrethroids following their indoor application. <i>Toxicology Letters</i> , 2014, 229, S108.	0.4	0
46	Urinary selenium excretion in children and adults from Northern Poland. <i>Toxicology Letters</i> , 2014, 229, S108.	0.4	0
47	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
48	Evaluation of the photoprotective effect of β -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
49	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
50	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
51	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
52	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
53	Biomonitoring of pyrethroid exposure among rural and urban populations in northern Poland. <i>Chemosphere</i> , 2013, 93, 2547-2553.	4.2	49
54	Persistent organochlorine contaminants in hair samples of Northern Poland population, 1968–2009. <i>Chemosphere</i> , 2012, 89, 975-981.	4.2	18

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55	Headspace single-drop microextraction and GC-ECD determination of chlorpyrifos-ethyl in rat liver. Analytical and Bioanalytical Chemistry, 2008, 390, 1933-1941.	1.9	13