

# Mariusz MarÄ

## List of Publications by Year in descending order

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56  
papers

1,625  
citations

361045

20  
h-index

301761

39  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2015  
citing authors

#	ARTICLE	IF	CITATIONS
1	Small Polymeric Toys Placed in Child-Dedicated Chocolate Food Productsâ€”Do They Contain Harmful Chemicals? Examination of Quality by Example of Selected VOCs and SVOCs. <i>Exposure and Health</i> , 2022, 14, 203-216.	2.8	3
2	Ground Tire Rubber Modified by Elastomers via Low-Temperature Extrusion Process: Physico-Mechanical Properties and Volatile Organic Emission Assessment. <i>Polymers</i> , 2022, 14, 546.	2.0	6
3	Unconventional and user-friendly sampling techniques of semi-volatile organic compounds present in an indoor environment: An approach to human exposure assessment. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 154, 116669.	5.8	1
4	Biocomposites from recycled resources as candidates for laboratory reference material to validate analytical tools used in organic compounds emissions investigation. <i>Building and Environment</i> , 2022, 219, 109259.	3.0	3
5	Emission Profiles of Volatiles during 3D Printing with ABS, ASA, Nylon, and PETG Polymer Filaments. <i>Molecules</i> , 2022, 27, 3814.	1.7	3
6	Insights into modification of lignocellulosic fillers with isophorone diisocyanate: structure, thermal stability and volatile organic compounds emission assessment. <i>European Journal of Wood and Wood Products</i> , 2021, 79, 75-90.	1.3	13
7	Modification of cellulosic filler with diisocyanates â€” volatile organic compounds emission assessment and stability of chemical structure over time. <i>Nordic Pulp and Paper Research Journal</i> , 2021, 36, 353-372.	0.3	10
8	Insights into the Thermo-Mechanical Treatment of Brewersâ€™ Spent Grain as a Potential Filler for Polymer Composites. <i>Polymers</i> , 2021, 13, 879.	2.0	13
9	Emissions and toxic units of solvent, monomer and additive residues released to gaseous phase from latex balloons. <i>Environmental Research</i> , 2021, 195, 110700.	3.7	7
10	Quantum and carbon dots conjugated molecularly imprinted polymers as advanced nanomaterials for selective recognition of analytes in environmental, food and biomedical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 142, 116306.	5.8	58
11	Towards Understanding the Health Aspects of the Processing of Lignocellulosic Fillers. <i>Proceedings (mdpi)</i> , 2021, 69, 34.	0.2	3
12	Multivariate Assessment of Procedures for Molecularly Imprinted Polymer Synthesis for Pesticides Determination in Environmental and Agricultural Samples. <i>Materials</i> , 2021, 14, 7078.	1.3	6
13	Exploratory analysis and ranking of analytical procedures for short-chain chlorinated paraffins determination in environmental solid samples. <i>Science of the Total Environment</i> , 2020, 711, 134665.	3.9	5
14	POM/EVA Blends with Future Utility in Fused Deposition Modeling. <i>Materials</i> , 2020, 13, 2912.	1.3	7
15	The preparation and evaluation of core-shell magnetic dummy-template molecularly imprinted polymers for preliminary recognition of the low-mass polybrominated diphenyl ethers from aqueous solutions. <i>Science of the Total Environment</i> , 2020, 724, 138151.	3.9	22
16	Emission profile of butan-2-one oxime from commercially available neutral silicone sealant. <i>Microchemical Journal</i> , 2020, 156, 104982.	2.3	4
17	Emissions of selected monoaromatic hydrocarbons as a factor affecting the removal of single-use polymer barbecue and kitchen utensils from everyday use. <i>Science of the Total Environment</i> , 2020, 720, 137485.	3.9	9
18	Introduction to MIP synthesis, characteristics and analytical application. <i>Comprehensive Analytical Chemistry</i> , 2019, 86, 1-15.	0.7	18

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19	Analytical procedures for short chain chlorinated paraffins determination - How to make them greener?. <i>Science of the Total Environment</i> , 2019, 671, 309-323.	3.9	12
20	Application potential of dummy molecularly imprinted polymers as solid-phase extraction sorbents for determination of low-mass polybrominated diphenyl ethers in soil and sediment samples. <i>Microchemical Journal</i> , 2019, 144, 461-468.	2.3	11
21	Application of molecularly imprinted polymers in analytical chiral separations and analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 102, 91-102.	5.8	138
22	Structural, mechanical and thermal behavior assessments of PCL/PHB blends reactively compatibilized with organic peroxides. <i>Polymer Testing</i> , 2018, 67, 513-521.	2.3	44
23	Indoor air quality of everyday use spaces dedicated to specific purposesâ€”a review. <i>Environmental Science and Pollution Research</i> , 2018, 25, 2065-2082.	2.7	47
24	Computational modeling of molecularly imprinted polymers as a green approach to the development of novel analytical sorbents. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 98, 64-78.	5.8	73
25	Assessment of ecotoxicity and total volatile organic compound (TVOC) emissions from food and children's toy products. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 282-289.	2.9	7
26	Homogeneity study of candidate reference material (contaminated soil) based on determination of selected metals, PCBs and PAHs. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 128, 1-12.	2.5	12
27	Preparation and characterization of dummy-template molecularly imprinted polymers as potential sorbents for the recognition of selected polybrominated diphenyl ethers. <i>Analytica Chimica Acta</i> , 2018, 1030, 77-95.	2.6	46
28	Structure and performance properties of environmentally-friendly biocomposites based on poly(É-caprolactone) modified with copper slag and shale drill cuttings wastes. <i>Science of the Total Environment</i> , 2018, 640-641, 1320-1331.	3.9	14
29	Indoor air quality in public utility environmentsâ€”a review. <i>Environmental Science and Pollution Research</i> , 2017, 24, 11166-11176.	2.7	114
30	New Polymeric Materials for Solid Phase Extraction. <i>Critical Reviews in Analytical Chemistry</i> , 2017, 47, 373-383.	1.8	53
31	An investigation of selected monoaromatic hydrocarbons released from the surface of polystyrene lids used in coffee-to-go cups. <i>Microchemical Journal</i> , 2017, 133, 496-505.	2.3	17
32	Interrelationship between total volatile organic compounds emissions, structure and properties of natural rubber/polycaprolactone bio-blends cross-linked with peroxides. <i>Polymer Testing</i> , 2017, 60, 405-412.	2.3	19
33	The miniaturised emission chamber system and home-made passive flux sampler studies of monoaromatic hydrocarbons emissions from selected commercially-available floor coverings. <i>Building and Environment</i> , 2017, 123, 1-13.	3.0	24
34	Assessment and Optimization of Air Monitoring Network for Smart Cities with Multicriteria Decision Analysis. <i>Lecture Notes in Computer Science</i> , 2017, , 531-538.	1.0	5
35	Problems and challenges associated with estimating the emissions of organic compounds from indoor materials. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 297-308.	5.8	7
36	Green Sample Collection. , 2017, , 379-414.		0

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37	Możliwość wykorzystania w praktyce analitycznej sorbentów w polimerowych z odciskiem molekularnym do wyodrębnienia i/lub wzbogacania analitów z grupy trwałych zanieczyszczeń, organicznych z pochodzących środowiskowych. Przemysł Chemiczny, 2017, 1, 155-160.	0.0	0
38	Concentrations of monoaromatic hydrocarbons in the air of the underground car park and individual garages attached to residential buildings. Science of the Total Environment, 2016, 573, 767-777.	3.9	15
39	Active Sampling of Air. Comprehensive Analytical Chemistry, 2016, , 167-201.	0.7	4
40	The effect of anthropogenic activity on BTEX, NO <sub>2</sub> , SO <sub>2</sub> , and CO concentrations in urban air of the spa city of Sopot and medium-industrialized city of Tczew located in North Poland. Environmental Research, 2016, 147, 513-524.	3.7	32
41	The estimation of total volatile organic compounds emissions generated from peroxide-cured natural rubber/polycaprolactone blends. Microchemical Journal, 2016, 127, 30-35.	2.3	11
42	The role of atmospheric precipitation in introducing contaminants to the surface waters of the Fuglebekken catchment, Spitsbergen. Polar Research, 2015, 34, 24207.	1.6	35
43	Green Chemistry Metrics with Special Reference to Green Analytical Chemistry. Molecules, 2015, 20, 10928-10946.	1.7	334
44	Exploration of optical fibres as a carrier for new benzene and toluene matrix-free reference materials. Analytical and Bioanalytical Chemistry, 2015, 407, 5759-5766.	1.9	0
45	The influence of meteorological conditions and anthropogenic activities on the seasonal fluctuations of BTEX in the urban air of the Hanseatic city of Gdansk, Poland. Environmental Science and Pollution Research, 2015, 22, 11940-11954.	2.7	33
46	The home-made in situ passive flux sampler for the measurement of monoterpene emission flux: preliminary studies. Analytical and Bioanalytical Chemistry, 2015, 407, 6879-6884.	1.9	6
47	The emissions of monoaromatic hydrocarbons from small polymeric toys placed in chocolate food products. Science of the Total Environment, 2015, 530-531, 290-296.	3.9	23
48	Current air quality analytics and monitoring: A review. Analytica Chimica Acta, 2015, 853, 116-126.	2.6	104
49	Application of passive sampling technique in monitoring research on quality of atmospheric air in the area of Tczew, Poland. International Journal of Environmental Analytical Chemistry, 2014, 94, 151-167.	1.8	34
50	The Relationships Between BTEX, NO <sub>x</sub> , and O <sub>3</sub> Concentrations in Urban Air in Gdansk and Gdynia, Poland. Clean - Soil, Air, Water, 2014, 42, 1326-1336.	0.7	13
51	Small-scale passive emission chamber for screening studies on monoterpene emission flux from the surface of wood-based indoor elements. Science of the Total Environment, 2014, 481, 35-46.	3.9	15
52	BTEX concentration levels in urban air in the area of the Tri-City agglomeration (Gdansk, Gdynia, Tychy). Environmental Monitoring and Assessment, 2014, 185, 1-15.	1.5	51
53	Determination of thiocyanate (biomarkers of ETS) and other inorganic ions in human nasal discharge samples using ion chromatography. Ecotoxicology and Environmental Safety, 2013, 96, 131-138.	2.9	11
54	Miniaturized Passive Emission Chambers for In Situ Measurement of Emissions of Volatile Organic Compounds. Critical Reviews in Analytical Chemistry, 2013, 43, 55-61.	1.8	10

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55	Mobile Systems (Portable, Handheld, Transportable) for Monitoring Air Pollution. <i>Critical Reviews in Analytical Chemistry</i> , 2012, 42, 2-15.	1.8	22
56	Testing and sampling devices for monitoring volatile and semi-volatile organic compounds in indoor air. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 32, 76-86.	5.8	38