

# Agnieszka DÄbrowska

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

692  
citations

623734

14  
h-index

580821

25  
g-index

45  
all docs

45  
docs citations

45  
times ranked

758  
citing authors

#	ARTICLE	IF	CITATIONS
1	The marine nano- and microplastics characterisation by SEM-EDX: The potential of the method in comparison with various physical and chemical approaches. <i>Marine Pollution Bulletin</i> , 2019, 148, 210-216.	5.0	124
2	Microplastics on sandy beaches of the southern Baltic Sea. <i>Marine Pollution Bulletin</i> , 2020, 155, 111170.	5.0	78
3	Microplastic pollution in surface water and sediments in the urban section of the Vistula River (Poland). <i>Science of the Total Environment</i> , 2021, 762, 143111.	8.0	70
4	Nanocomposites of epoxy resin with graphene nanoplates and exfoliated graphite: Synthesis and electrical properties. <i>Physica Status Solidi (B): Basic Research</i> , 2014, 251, 2599-2602.	1.5	54
5	New insight on carbonisation and graphitisation mechanisms as obtained from a bottom-up analytical approach of X-ray diffraction patterns. <i>Carbon</i> , 2019, 147, 602-611.	10.3	39
6	Silicon carbide nanowires: synthesis and cathodoluminescence. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 2806-2808.	1.5	35
7	Fast and efficient combustion synthesis route to produce novel nanocarbons. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 2373-2377.	1.5	23
8	Self-propagating high-temperature synthesis (SHS) of crystalline nanomaterials. <i>Journal of Crystal Growth</i> , 2014, 401, 469-473.	1.5	22
9	Raman Spectroscopy of Marine Microplastics - A short comprehensive compendium for the environmental scientists. <i>Marine Environmental Research</i> , 2021, 168, 105313.	2.5	22
10	Mechanical and thermal properties of epoxy/silicon carbide nanofiber composites. <i>Polymers for Advanced Technologies</i> , 2015, 26, 142-146.	3.2	21
11	Ultra-fast efficient synthesis of one-dimensional nanostructures. <i>Physica Status Solidi (B): Basic Research</i> , 2011, 248, 2704-2707.	1.5	19
12	Combustion synthesis of one-dimensional nanocrystalline silicon carbide. <i>Crystal Research and Technology</i> , 2010, 45, 1241-1244.	1.3	15
13	A roadmap for a Plasticsphere. <i>Marine Pollution Bulletin</i> , 2021, 167, 112322.	5.0	15
14	Plastic in digestive tracts and gills of cod and herring from the Baltic Sea. <i>Science of the Total Environment</i> , 2022, 822, 153333.	8.0	15
15	The Raman Spectroscopy Approach to Different Freshwater Microplastics and Quantitative Characterization of Polyethylene Aged in the Environment. <i>Microplastics</i> , 2022, 1, 263-282.	4.2	15
16	Plant-Oil-Based Fibre Composites for Boat Hulls. <i>Materials</i> , 2022, 15, 1699.	2.9	12
17	Ultrafast self-catalytic growth of silicon carbide nanowires. <i>Journal of Materials Research</i> , 2011, 26, 3065-3071.	2.6	11
18	Self-propagating high-temperature fast reduction of magnesium oxalate to novel nanocarbons. <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 2486-2491.	1.5	11

#	ARTICLE	IF	CITATIONS
19	Do the graphene nanoflakes pose a potential threat to the polychaete Hediste diversicolor?. Chemosphere, 2021, 269, 128685.	8.2	10
20	In situ diagnostics of the SiC nanostructures growth process. Journal of Crystal Growth, 2014, 401, 376-380.	1.5	8
21	Facile and fast combustion synthesis and characterization of novel carbon nanostructures. Physica Status Solidi (B): Basic Research, 2014, 251, 2563-2568.	1.5	8
22	Efficient one-pot combustion synthesis of few-layered graphene. Physica Status Solidi (B): Basic Research, 2015, 252, 2412-2417.	1.5	8
23	Synthesis of 3-D Graphene via Combustion Synthesis of Magnesium and Calcium/Magnesium Oxalates. ECS Journal of Solid State Science and Technology, 2017, 6, M3090-M3096.	1.8	8
24	Toward green chemistry: A new approach to the synthesis of semiconducting SiC nanowires. Physica Status Solidi (B): Basic Research, 2013, 250, 2713-2716.	1.5	6
25	Nanocarbon/epoxy composites: Preparation, properties, and applications. , 2019, , 421-448.		6
26	Marine Microplastics in Polar Regionâ€”a Spitsbergen Case Study. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	6
27	Spontaneous formation and characterization of silicon carbide nanowires produced via thermolysis. Physica Status Solidi (B): Basic Research, 2011, 248, 2708-2711.	1.5	5
28	The ghost nets phenomena from the chemical perspective. Pure and Applied Chemistry, 2021, 93, 479-496.	1.9	5
29	The Proposal and Necessity of the Numerical Description of Nano- and Microplasticsâ€™ Surfaces (Plastisphere). Polymers, 2021, 13, 2255.	4.5	4
30	Alâ€”doped ZnO nanofilms: Synthesis and characterization. Physica Status Solidi (B): Basic Research, 2010, 247, 3035-3038.	1.5	3
31	SiC Nanofibres Produced by the Combustion Synthesis as the Nanocomposites Fillers. Macromolecular Symposia, 2013, 327, 94-98.	0.7	3
32	Grapheneâ€”Like Carbon Nanostructures From Combustion Synthesis. Physica Status Solidi (B): Basic Research, 2018, 255, 1800194.	1.5	2
33	One-Step Combustion Synthesis of Novel Nanocarbons via Magnesiothermic Reduction of Carbon-Containing Oxidants. International Journal of Self-Propagating High-Temperature Synthesis, 2018, 27, 72-76.	0.5	2
34	Preliminary studies on nanocomposite based on high quality Silicon Carbide nanofibers. , 2012, , .		1
35	Marine Microplastics at Santuario Pelagos. Springer Water, 2020, , 193-197.	0.3	1
36	Holistic Approach to the Marine Microplastics: Sampling, Characterization, Consequences. Springer Water, 2020, , 187-192.	0.3	1

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37	Novel nanocarbons via facile one-pot combustion synthesis. <i>Diamond and Related Materials</i> , 2022, 121, 108746.	3.9	1
38	Green composites for the marine environment: From microplastics pollution to sustainable materials. , 2022, , 195-207.		1
39	Preparation of SiC <sub>w</sub> -ZTA Composites by Two-Step Sintering or Spark Plasma Sintering. <i>Solid State Phenomena</i> , 2015, 226, 59-64.	0.3	0
40	Marine Microplastics: Chemical, Physical, Biological, and Social Perspectives. <i>Encyclopedia of the UN Sustainable Development Goals</i> , 2021, , 1-14.	0.1	0
41	Otrzymywanie nanomateriałów przez magnezotermiczną redukcję™ minerałów. <i>Przemysł Chemiczny</i> , 2021, 1, 64-70.	0.0	0
42	Biomimetyzm i nanotechnologia - materiały i rozwiązania inspirowane naturą... <i>Przebieg Mechaniczny</i> , 2017, 1, 11-15.	0.0	0
43	The first evidence of the Indian meal moth ( <i>Plodia interpunctella</i> ) interaction with the silicone moulds. <i>Chemosphere</i> , 2022, 299, 134451.	8.2	0
44	Battery Powder as a Source of Novel Graphene Nanocarbons. <i>Physica Status Solidi (B): Basic Research</i> , 0, , .	1.5	0