

Marina Lasagni

List of Publications by Year in descending order

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58
papers

1,654
citations

331670

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302126

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docs citations

59
times ranked

1718
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of plastic particles in marine sponges by a combined infrared micro-spectroscopy and pyrolysis-gas chromatography-mass spectrometry approach. <i>Science of the Total Environment</i> , 2022, 819, 152965.	8.0	22
2	Cytotoxic Compounds from Alcyoniidae: An Overview of the Last 30 Years. <i>Marine Drugs</i> , 2022, 20, 134.	4.6	10
3	Phthalates bioconcentration in the soft corals: Inter- and intra- species differences and ecological aspects. <i>Chemosphere</i> , 2022, 297, 134247.	8.2	7
4	First detection of microplastics in reef-building corals from a Maldivian atoll. <i>Marine Pollution Bulletin</i> , 2022, 180, 113773.	5.0	18
5	Omega-3 rich oils from microalgae: A chitosan mediated in situ transesterification method. <i>Food Chemistry</i> , 2021, 337, 127745.	8.2	5
6	Evidence of microplastic ingestion by cultured European sea bass (<i>Dicentrarchus labrax</i>). <i>Marine Pollution Bulletin</i> , 2021, 168, 112450.	5.0	35
7	The release process of microfibers: from surgical face masks into the marine environment. <i>Environmental Advances</i> , 2021, 4, 100042.	4.8	175
8	Extraction of microplastic from marine sediments: A comparison between pressurized solvent extraction and density separation. <i>Marine Pollution Bulletin</i> , 2021, 168, 112436.	5.0	18
9	Prebiotic Effect of Maitake Extract on a Probiotic Consortium and Its Action after Microbial Fermentation on Colorectal Cell Lines. <i>Foods</i> , 2021, 10, 2536.	4.3	8
10	An annual study on plastic accumulation in surface water and sediment cores from the coastline of Tenerife (Canary Island, Spain). <i>Marine Pollution Bulletin</i> , 2021, 173, 113072.	5.0	8
11	Biocompatible solid-phase microextraction coupled to liquid chromatography triple quadrupole mass spectrometry analysis for the determination of phthalates in marine invertebrate. <i>Journal of Chromatography A</i> , 2020, 1618, 460852.	3.7	24
12	A non-lethal SPME-LC/MS method for the analysis of plastic-associated contaminants in coral reef invertebrates. <i>Analytical Methods</i> , 2020, 12, 1935-1942.	2.7	25
13	Determination of phthalates in fish fillets by liquid chromatography tandem mass spectrometry (LC-MS/MS): A comparison of direct immersion solid phase microextraction (SPME) versus ultrasonic assisted solvent extraction (UASE). <i>Chemosphere</i> , 2020, 255, 127034.	8.2	29
14	Multi- α -analytical characterization of perigonadal fat in bluefin tuna: from waste to marine lipid source. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 4571-4579.	3.5	8
15	Microplastics as a threat to coral reef environments: Detection of phthalate esters in neuston and scleractinian corals from the Faafu Atoll, Maldives. <i>Marine Pollution Bulletin</i> , 2019, 142, 234-241.	5.0	73
16	Microbial desulfurization of ground tire rubber (GTR): Characterization of microbial communities and rheological and mechanical properties of GTR and natural rubber composites (GTR/NR). <i>Polymer Degradation and Stability</i> , 2019, 160, 102-109.	5.8	25
17	Microplastic and charred microplastic in the Faafu Atoll, Maldives. <i>Marine Pollution Bulletin</i> , 2018, 136, 464-471.	5.0	103
18	Experimental and Theoretical Investigation on the Catalytic Generation of Environmentally Persistent Free Radicals from Benzene. <i>Journal of Physical Chemistry C</i> , 2017, 121, 9381-9393.	3.1	38

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19	PCDD/F and dioxin-like PCB minimization: A 13-year experimental study along the flue gas cleaning system of a secondary aluminium refining plant. <i>Chemosphere</i> , 2017, 181, 409-417.	8.2	3
20	Charred honeycombs discovered in Iron Age Northern Italy. A new light on boat beekeeping and bee pollination in pre-modern world. <i>Journal of Archaeological Science</i> , 2017, 83, 26-40.	2.4	9
21	Lab-scale pyrolysis of the Automotive Shredder Residue light fraction and characterization of tar and solid products. <i>Waste Management</i> , 2017, 64, 263-271.	7.4	20
22	Nitrogen activation of carbon-encapsulated zero-valent iron nanoparticles and influence of the activation temperature on heavy metals removal. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 64, 012070.	0.3	4
23	Pyrolysis of automotive shredder residue light fraction: maximization of the tar yield using design of experiment. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 64, 012067.	0.3	1
24	Effect of COSMOS technologies in detoxifying municipal solid waste incineration fly ash, preliminary results. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 64, 012068.	0.3	1
25	Biological devulcanization of ground natural rubber by <i>Gordonia desulfuricans</i> DSM 44462T strain. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8931-8942.	3.6	30
26	The rate-determining step in a low temperature PCDD/F formation from oxidative breakdown of native carbon in MSWI fly ash. <i>Chemosphere</i> , 2016, 165, 110-117.	8.2	5
27	Distribution and Removal of Polycyclic Aromatic Hydrocarbons in Two Italian Municipal Wastewater Treatment Plants in 2011–2013. <i>Polycyclic Aromatic Compounds</i> , 2016, 36, 213-228.	2.6	17
28	Modeling and optimization of ultrasonic devulcanization using the response surface methodology based on central composite face-centered design. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 144, 1-10.	3.5	55
29	Mechanical and rheological properties of natural rubber compounds containing devulcanized ground tire rubber from several methods. <i>Polymer Degradation and Stability</i> , 2015, 121, 369-377.	5.8	40
30	Biodegradation of variable-chain-length n-alkanes in <i>Rhodococcus opacus</i> R7 and the involvement of an alkane hydroxylase system in the metabolism. <i>AMB Express</i> , 2014, 4, 73.	3.0	46
31	Characterization and supercritical CO ₂ devulcanization of cryo-ground tire rubber: Influence of devulcanization process on reclaimed material. <i>Polymer Degradation and Stability</i> , 2014, 102, 15-24.	5.8	77
32	Full factorial experimental design to study the devulcanization of ground tire rubber in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2014, 92, 249-256.	3.2	31
33	Contribution of wood combustion to PAH and PCDD/F concentrations in two urban sites in Northern Italy. <i>Journal of Aerosol Science</i> , 2013, 56, 30-40.	3.8	51
34	Kinetic Modeling of the Formation and Destruction of Polychlorinated Dibenzo-p-dioxin and Dibenzofuran from Fly Ash Native Carbon at 300 °C. <i>Environmental Science & Technology</i> , 2013, 47, 4349-4356.	10.0	11
35	Antimicrobial activity of thin metallic silver flakes, waste products of a manufacturing process. <i>Journal of Environmental Sciences</i> , 2011, 23, 1570-1577.	6.1	3
36	Kinetics of carbon degradation and PCDD/PCDF formation on MSWI fly ash. <i>Chemosphere</i> , 2009, 74, 377-383.	8.2	12

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37	Application of chemical and chemometric analytical techniques to the study of ancient ceramics from Dougga (Tunisia). <i>Microchemical Journal</i> , 2008, 88, 150-159.	4.5	50
38	Kinetic Modeling of Polychlorinated Dibenzo- <i>p</i> -dioxin and Dibenzofuran Formation Based on Carbon Degradation Reactions. <i>Environmental Science & Technology</i> , 2008, 42, 7218-7224.	10.0	19
39	Prevention of PCDD/F Formation and Minimization of Their Emission at the Stack of a Secondary Aluminum Casting Plant. <i>Environmental Science & Technology</i> , 2008, 42, 7476-7481.	10.0	16
40	Bioremediation of Diesel Fuel Contaminated Soil: Effect of Non Ionic Surfactants and Selected Bacteria Addition. <i>Annali Di Chimica</i> , 2007, 97, 799-805.	0.6	16
41	Kinetics of MSWI Fly Ash Thermal Degradation. 2. Mechanism of Native Carbon Gasification. <i>Environmental Science & Technology</i> , 2000, 34, 137-142.	10.0	14
42	Kinetics of MSWI Fly Ash Thermal Degradation. 1. Empirical Rate Equation for Native Carbon Gasification. <i>Environmental Science & Technology</i> , 2000, 34, 130-136.	10.0	24
43	Identification, Characterization, and Remediation of Contaminated Sites: A Case Study. <i>Annals of the New York Academy of Sciences</i> , 1999, 879, 396-399.	3.8	0
44	Characterization of fly ash from municipal solid waste incinerators using differential scanning calorimetry. <i>Thermochimica Acta</i> , 1998, 321, 133-141.	2.7	12
45	Total Organic Carbon in Fly Ash from MSW Incinerators as a Potential Combustion Indicator: Setting Up of the Measurement Methodology and Preliminary Evaluation. <i>Waste Management and Research</i> , 1997, 15, 507-521.	3.9	14
46	Critical review of the receptor model based on target transformation factor analysis. <i>Chemosphere</i> , 1997, 35, 1847-1865.	8.2	8
47	Thermal Reaction Kinetics and Mechanism of PCDF, PCDD, and PCB Parent Compounds and Activated Carbon on Silica. <i>Environmental Science & Technology</i> , 1996, 30, 1896-1901.	10.0	13
48	A hypothesis on the mechanism of PCDD biological activity based on molecular electrostatic potential modeling. Part 2. <i>Computational and Theoretical Chemistry</i> , 1995, 340, 83-95.	1.5	26
49	Degradation of Octachlorodibenzofuran and Octachlorodibenzo- <i>p</i> -dioxin Spiked on Fly Ash: Kinetics and Mechanism. <i>Environmental Science & Technology</i> , 1995, 29, 577-585.	10.0	27
50	New molecular descriptors for 2D and 3D structures. Theory. <i>Journal of Chemometrics</i> , 1994, 8, 263-272.	1.3	269
51	Chemometric approaches in environmental problems concerning PCDD and PCDF. Data interpretation and source correlation. Mechanisms of formation and destruction in MSW combustion process. <i>Fresenius' Journal of Analytical Chemistry</i> , 1994, 348, 111-120.	1.5	5
52	Toward a mechanistic understanding of PCDD biological activity based on molecular electrostatic potential modeling. <i>Computational and Theoretical Chemistry</i> , 1994, 303, 43-54.	1.5	17
53	Estimation of the toxicity equivalents of PCDD/PCDF mixtures from combustion sources when specific congener information is lacking: Preliminary results. <i>Chemosphere</i> , 1993, 26, 1419-1427.	8.2	6
54	The Toxicity Equivalency Factor Scheme Applied To Municipal Incinerator PcdD/PcdF Emissions When Specific Congener Information Is Lacking. <i>Waste Management and Research</i> , 1992, 10, 329-343.	3.9	3

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55	A selected bibliography on PCDD and PCDF formation. Toxicological and Environmental Chemistry, 1989, 22, 239-261.	1.2	21
56	The combustion of municipal solid wastes and PCDD and PCDF emissions. Part 1. PCDD and PCDF in MSW. Chemosphere, 1989, 18, 1457-1464.	8.2	13
57	The combustion of municipal solid wastes and PCDD and PCDF emissions. Part 2. PCDD and PCDF in stack gases. Chemosphere, 1989, 18, 1465-1474.	8.2	22
58	The combustion of municipal solid wastes and PCDD and PCDF emissions. Part 3. PCDD and PCDF in fly ash. Chemosphere, 1989, 18, 1475-1483.	8.2	12