

Loris Pietrelli

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

1,257
citations

21
h-index

34
g-index

57
ext. papers

1,595
ext. citations

5.7
avg, IF

4.9
L-index

#	Paper	IF	Citations
56	Microplastic pollution in the surface waters of Italian Subalpine Lakes. <i>Environmental Pollution</i> , 2018 , 236, 645-651	9.3	155
55	Rare earths recovery from NiMH spent batteries. <i>Hydrometallurgy</i> , 2002 , 66, 135-139	4	128
54	Characterization and leaching of NiCd and NiMH spent batteries for the recovery of metals. <i>Waste Management</i> , 2005 , 25, 221-6	8.6	86
53	Separation of middle rare earths by solvent extraction using 2-ethylhexylphosphonic acid mono-2-ethylhexyl ester as an extractant. <i>Journal of Rare Earths</i> , 2009 , 27, 830-833	3.7	56
52	Application of solvent extraction operation to recover rare earths from fluorescent lamps. <i>Journal of Cleaner Production</i> , 2018 , 172, 2840-2852	10.3	53
51	Antimicrobial activity of catechol functionalized-chitosan versus <i>Staphylococcus epidermidis</i> . <i>Carbohydrate Polymers</i> , 2018 , 179, 273-281	10.3	48
50	Removal of Mn and As from drinking water by red mud and pyrolusite. <i>Journal of Environmental Management</i> , 2019 , 237, 526-533	7.9	37
49	Antimicrobial and antioxidant amphiphilic random copolymers to address medical device-centered infections. <i>Acta Biomaterialia</i> , 2015 , 22, 131-40	10.8	37
48	Separation of carrier-free ⁴⁷ Sc from titanium targets. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1992 , 157, 335-345	1.5	35
47	Microplastics in <i>Talitrus saltator</i> (Crustacea, Amphipoda): new evidence of ingestion from natural contexts. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 28725-28729	5.1	32
46	Microplastic-associated biofilms in lentic Italian ecosystems. <i>Water Research</i> , 2020 , 187, 116429	12.5	31
45	Plastisphere in action: evidence for an interaction between expanded polystyrene and dunal plants. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 11856-11859	5.1	30
44	Comparison of adsorption of Remazol Black B and Acidol Red on microporous activated carbon felt. <i>Journal of Colloid and Interface Science</i> , 2009 , 339, 275-84	9.3	30
43	Fluoride wastewater treatment by adsorption onto metallurgical grade alumina. <i>Annali Di Chimica</i> , 2005 , 95, 303-12		30
42	Raw materials recovery from spent hydrochloric acid-based galvanizing wastewater. <i>Chemical Engineering Journal</i> , 2018 , 341, 539-546	14.7	27
41	Reuse of residues arising from lead batteries recycle: a feasibility study. <i>Waste Management</i> , 2002 , 22, 925-30	8.6	27
40	Chromium(III) Removal from Wastewater by Chitosan Flakes. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1925	2.6	26

39	Extraction of titanium (IV) from acidic media by 2-ethylhexyl phosphonic acid mono-2-ethylhexyl ester. <i>Hydrometallurgy</i> , 2005 , 77, 219-225	4	25
38	Characterization of plastic beach debris finalized to its removal: a proposal for a recycling scheme. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 16536-16542	5.1	21
37	Thorough Multianalytical Characterization and Quantification of Micro- and Nanoplastics from Bracciano Lake Sediments. <i>Sustainability</i> , 2020 , 12, 878	3.6	21
36	Preparation and Characterization of TPP-Chitosan Crosslinked Scaffolds for Tissue Engineering. <i>Materials</i> , 2020 , 13,	3.5	21
35	Eco-friendly and cost-effective strategies for metals recovery from printed circuit boards. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 112, 317-323	16.2	20
34	Sorption of europium and actinides by means of octyl(phenyl)-N,N-diisobutyl carbamoylmethyl phosphine oxide (CMPO) loaded on silica. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1990 , 141, 107-115	1.5	20
33	Improved remediation processes through cost-effective estimation of soil properties from surface measurements. <i>Journal of Cleaner Production</i> , 2017 , 167, 680-686	10.3	19
32	Fishing lines and fish hooks as neglected marine litter: first data on chemical composition, densities, and biological entrapment from a Mediterranean beach. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 1000-1007	5.1	19
31	Hazard evaluation of plastic mixtures from four Italian subalpine great lakes on the basis of laboratory exposures of zebra mussels. <i>Science of the Total Environment</i> , 2020 , 699, 134366	10.2	19
30	Measuring non-biological diversity using commonly used metrics: Strengths, weaknesses and caveats for their application in beach litter management. <i>Journal of Coastal Conservation</i> , 2017 , 21, 303-310	1.0	18
29	Pervasive plastisphere: First record of plastics in egagropiles (Posidonia spheroids). <i>Environmental Pollution</i> , 2017 , 229, 1032-1036	9.3	18
28	Dyes Adsorption from Aqueous Solutions by Chitosan. <i>Separation Science and Technology</i> , 2015 , 50, 1101-1107	1.5	17
27	CESIUM ADSORPTION WITH ZEOLITES FROM NUCLEAR HIGH SALT CONTENT ALKALINE WASTES. <i>Solvent Extraction and Ion Exchange</i> , 1989 , 7, 159-172	2.5	12
26	Removal and recovery of heavy metals from tannery sludge subjected to plasma pyro-gasification process. <i>Journal of Cleaner Production</i> , 2020 , 273, 123166	10.3	12
25	Preliminary indoor evidences of microplastic effects on freshwater benthic macroinvertebrates. <i>Scientific Reports</i> , 2021 , 11, 720	4.9	12
24	An Unexpected Consequence of Plastic Litter Clean-Up on Beaches: Too Much Sand Might Be Removed. <i>Environmental Practice</i> , 2016 , 18, 242-246	0.3	10
23	Marine litter detection and correlation with the seabird nest content. <i>Rendiconti Lincei</i> , 2018 , 29, 867-875.	5.7	10
22	Microplastic pollution in perch (<i>Perca fluviatilis</i> , Linnaeus 1758) from Italian south-alpine lakes. <i>Environmental Pollution</i> , 2021 , 288, 117782	9.3	10

21	Fish otoliths as indicators of the cormorant <i>Phalacrocorax carbo</i> diet (Aves, Pelecaniformes). <i>Bollettino Di Zoologia</i> , 1993 , 60, 393-396		9
20	Antioxidant Hydroxytyrosol-Based Polyacrylate with Antimicrobial and Antiadhesive Activity Versus <i>Staphylococcus Epidermidis</i> . <i>Advances in Experimental Medicine and Biology</i> , 2016 , 901, 25-36	3.6	8
19	Automotive spent catalysts treatment and platinum recovery. <i>International Journal of Environment and Waste Management</i> , 2013 , 11, 222	0.9	8
18	Diversity and predicted inter- and intra-domain interactions in the Mediterranean Plasticsphere. <i>Environmental Pollution</i> , 2021 , 286, 117439	9.3	8
17	Chitosan membrane: tool for chromium (III) recovery from aqueous solutions. <i>Annali Di Chimica</i> , 2004 , 94, 389-98		7
16	Effect of MW and pH on poly(ethylene glycol) adsorption onto carbon. <i>Adsorption</i> , 2013 , 19, 897-902	2.6	6
15	Preparation and Characterization of Chitosan-Coated Manganese-Ferrite Nanoparticles Conjugated with Laccase for Environmental Bioremediation. <i>Polymers</i> , 2021 , 13,	4.5	6
14	Copper (II) adsorption capacity of a novel hydroxytyrosol-based polyacrylate. <i>Polymer Bulletin</i> , 2017 , 74, 1175-1191	2.4	5
13	Litter impacts on marine birds: The Mediterranean Northern gannet as case study. <i>Marine Pollution Bulletin</i> , 2021 , 171, 112779	6.7	5
12	Notes on Little Egret breeding biology and on mercury content in egg shells and feathers. <i>Rendiconti Lincei</i> , 2009 , 20, 219-224	1.7	4
11	Actinide recovery from radioactive liquid wastes by CMPO. <i>Journal of the Less Common Metals</i> , 1989 , 149, 297-303		4
10	Effect of Acid Leaching Pre-Treatment on Gold Extraction from Printed Circuit Boards of Spent Mobile Phones. <i>Materials</i> , 2021 , 14,	3.5	4
9	Removal of polyethylene glycols from wastewater: A comparison of different approaches. <i>Chemosphere</i> , 2021 , 273, 129725	8.4	3
8	Arsenic accumulation in edible vegetables and health risk reduction by groundwater treatment using an adsorption process. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 32505-32516	5.1	2
7	Searching Nanoplastics: From Sampling to Sample Processing. <i>Polymers</i> , 2021 , 13,	4.5	2
6	Foreword Plastic pollution: a short and impressive story. <i>Rendiconti Lincei</i> , 2018 , 29, 803-804	1.7	2
5	Chemical treatment of high-level radioactive liquid waste produced by an MTR reprocessing plant. <i>Waste Management</i> , 1990 , 10, 103-109	8.6	1
4	Bioaccumulation of Heavy Metals by Herbaceous Species Grown in Urban and Rural Sites. <i>Water, Air, and Soil Pollution</i> , 2022 , 233, 1	2.6	1

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| 3 | Anthropogenic particles in coypu (<i>Myocastor coypus</i> ; Mammalia, Rodentia) faeces: first evidence and considerations about their use as track for detecting microplastic pollution. <i>Environmental Science and Pollution Research</i> , | 5.1 | 0 |
| 2 | Assessment of Microplastics Marine Pollution from an Environmental NGO's Point of View: The First Study About the Widespread Presence of Plastic Pellets Along the Italian Coast. <i>Springer Water</i> , 2018 , 47-52 | 0.3 | |
| 1 | Smart Determination of Gold Content in PCBs of Waste Mobile Phones by Coupling of XRF and AAS Techniques. <i>Processes</i> , 2021 , 9, 1618 | 2.9 | |