Valerio Funari

List of Publications by Year in Descending Order

26 papers	571 citations	11 h-index	23 g-index
28 ext. papers	710 ext. citations	7.3 avg, IF	4.17 L-index

#	Paper	IF	Citations
26	Trace metals accumulation on modern sediments from Po river prodelta, North Adriatic Sea.. *Marine Pollution Bulletin*, **2022**, 175, 113399	6.7	1
25	Sustainability assessment of bioleaching for mineral resource recovery from MSWI ashes **2022**, 419-445		
24	Sediment quality of the Ridracoli fresh water reservoir in Italy: Insights from aqua regia digestion and sequential extractions.. *Science of the Total Environment*, **2022**, 154167	10.2	0
23	Electrochemical and reactions mechanisms in the minimization of toxic elements transfer from mine-wastes into the ecosystem. *Electrochimica Acta*, **2021**, 388, 138610	6.7	0
22	Research Trends and Future Perspectives in Marine Biomimicking Robotics. *Sensors*, **2021**, 21,	3.8	7
21	Opportunities and threats of selenium supply from unconventional and low-grade ores: A critical review. *Resources, Conservation and Recycling*, **2021**, 170, 105593	11.9	5
20	Particle Size and Potential Toxic Element Speciation in Municipal Solid Waste Incineration (MSWI) Bottom Ash. *Sustainability*, **2021**, 13, 1911	3.6	2
19	Geochemical characterization of surface sediments from the Ridracoli reservoir area and surroundings, Italy. Details on bulk composition and grain size. *Journal of Geochemical Exploration*, **2021**, 231, 106863	3.8	1
18	What waste management can learn from the traditional mining sector: Towards an integrated assessment and reporting of anthropogenic resources. *Waste Management*, **2020**, 113, 154-156	8.6	7
17	Effect of biogenic jarosite on the bio-immobilization of toxic elements from sulfide tailings. *Chemosphere*, **2020**, 258, 127288	8.4	11
16	Enhanced electrodialytic bioleaching of fly ashes of municipal solid waste incineration for metal recovery. *Electrochimica Acta*, **2020**, 345, 136188	6.7	6
15	Geochemical and Geophysical Monitoring of Hydrocarbon Seepage in the Adriatic Sea. *Sensors*, **2020**, 20,	3.8	8
14	Metal recovery from incineration bottom ash: State-of-the-art and recent developments. *Journal of Hazardous Materials*, **2020**, 393, 122433	12.8	47
13	Geochemical and magnetic data on anthropogenic ashes from municipal solid waste incineration (MSWI). *Data in Brief*, **2020**, 31, 105728	1.2	1
12	Bioleaching for resource recovery from low-grade wastes like fly and bottom ashes from municipal incinerators: A SWOT analysis. *Science of the Total Environment*, **2020**, 715, 136945	10.2	19
11	Understanding room-temperature magnetic properties of anthropogenic ashes from municipal solid waste incineration to assess potential impacts and resources. *Journal of Cleaner Production*, **2020**, 262, 121209	10.3	6
10	Optimization Routes for the Bioleaching of MSWI Fly and Bottom Ashes Using Microorganisms Collected from a Natural System. *Waste and Biomass Valorization*, **2019**, 10, 3833-3842	3.2	10

9	Minimization of metal sulphides bioleaching from mine wastes into the aquatic environment. *Ecotoxicology and Environmental Safety*, **2019**, 182, 109443	7	5
8	Technologies for the management of MSW incineration ashes from gas cleaning: New perspectives on recovery of secondary raw materials and circular economy. *Science of the Total Environment*, **2018**, 635, 526-542	10.2	145
7	Superparamagnetic iron oxides nanoparticles from municipal solid waste incinerators. *Science of the Total Environment*, **2018**, 621, 687-696	10.2	21
6	Recovery of Al, Cr and V from steel slag by bioleaching: Batch and column experiments. *Journal of Environmental Management*, **2018**, 222, 30-36	7.9	52
5	Metal removal from Municipal Solid Waste Incineration fly ash: A comparison between chemical leaching and bioleaching. *Waste Management*, **2017**, 60, 397-406	8.6	82
4	The potential impact of municipal solid waste incinerators ashes on the anthropogenic osmium budget. *Science of the Total Environment*, **2016**, 541, 1549-1555	10.2	11
3	The rare earth elements in municipal solid waste incinerators ash and promising tools for their prospecting. *Journal of Hazardous Materials*, **2016**, 301, 471-9	12.8	43
2	Solid residues from Italian municipal solid waste incinerators: A source for "critical" raw materials. *Waste Management*, **2015**, 45, 206-16	8.6	59
1	Venting and seepage systems associated with mud volcanoes and mud diapirs in the southern Tyrrhenian Sea. *Marine Geology*, **2014**, 347, 153-171	3.3	21