Grazia Masciandaro

List of Publications by Citations

59 papers	1,021 citations	20 h-index	29 g-index
59 ext. papers	1,193 ext. citations	4.6 avg, IF	4.07 L-index

#	Paper	IF	Citations
59	Soil Bioremediation: Combination of Earthworms and Compost for the Ecological Remediation of a Hydrocarbon Polluted Soil. *Water, Air, and Soil Pollution*, **2006**, 177, 383-397	2.6	65
58	Anaerobic Digestion of Olive Oil Mill Effluents: Evaluation of Wastewater Organic Load and Phytotoxicity Reduction. *Water, Air, and Soil Pollution*, **2003**, 145, 79-94	2.6	48
57	Assessment of pollution impact on biological activity and structure of seabed bacterial communities in the Port of Livorno (Italy). *Science of the Total Environment*, **2012**, 426, 56-64	10.2	45
56	Heavy metal fractionation and organic matter stabilization in sewage sludge treatment wetlands. *Ecological Engineering*, **2011**, 37, 771-778	3.9	42
55	Application of organic wastes on a benzo(a)pyrene polluted soil. Response of soil biochemical properties and role of Eisenia fetida. *Ecotoxicology and Environmental Safety*, **2011**, 74, 668-74	7	41
54	Metabolic and bacterial diversity in soils historically contaminated by heavy metals and hydrocarbons. *Journal of Environmental Monitoring*, **2008**, 10, 1287-96		36
53	Almond tree and organic fertilization for soil quality improvement in southern Italy. *Journal of Environmental Management*, **2012**, 95 Suppl, S215-22	7.9	33
52	Evaluation of the organic matter composition of raw and composted municipal wastes. *Soil Science and Plant Nutrition*, **1993**, 39, 99-108	1.6	33
51	Ornamental plants for micropollutant removal in wetland systems. *Environmental Science and Pollution Research*, **2015**, 22, 2406-15	5.1	32
50	Exploring the functional soil-microbe interface and exoenzymes through soil metaexoproteomics. *ISME Journal*, **2014**, 8, 2148-50	11.9	30
49	Humic substances to reduce salt effect on plant germination and growth. *Communications in Soil Science and Plant Analysis*, **2002**, 33, 365-378	1.5	30
48	Stabilisation and mineralisation of sludge in reed bed systems after 10-20 years of operation. *Water Science and Technology*, **2014**, 69, 539-45	2.2	29
47	A real-scale soil phytoremediation. *Biodegradation*, **2013**, 24, 521-38	4.1	29
46	Phragmites australis for sewage sludge stabilization. *Desalination*, **2009**, 246, 110-119	10.3	28
45	Wetland plants, micro-organisms and enzymatic activities interrelations in treating N polluted water. *Ecological Engineering*, **2012**, 47, 36-43	3.9	27
44	Comparison of extraction methods for recovery of extracellular β-glucosidase in two different forest soils. *Soil Biology and Biochemistry*, **2008**, 40, 2156-2161	7.5	25
43	Characterization of stable humic–enzyme complexes of different soil ecosystems through analytical isoelectric focussing technique (IEF). *Soil Biology and Biochemistry*, **2008**, 40, 2174-2177	7.5	23

42	Enhanced Heavy Metal Phytoextraction from Marine Dredged Sediments Comparing Conventional Chelating Agents (Citric Acid and EDTA) with Humic Substances. *Water, Air, and Soil Pollution*, **2008**, 193, 323-333	2.6	23
41	Use of phytoremediated sediments dredged in maritime port as plant nursery growing media. *Journal of Environmental Management*, **2017**, 186, 225-232	7.9	21
40	Efficiency assessment of a reed bed pilot plant (Phragmites australis) for sludge stabilisation in Tuscany (Italy). *Ecological Engineering*, **2011**, 37, 779-785	3.9	20
39	Phytoremediation and Bio-physical Conditioning of Dredged Marine Sediments for Their Re-use in the Environment. *Water, Air, and Soil Pollution*, **2010**, 210, 187-195	2.6	20
38	Microbial activity and organic matter composition in Mediterranean humus forms. *Geoderma*, **2013**, 209-210, 198-208	6.7	19
37	Restoring biochemical activity and bacterial diversity in a trichloroethylene-contaminated soil: the reclamation effect of vermicomposted olive wastes. *Environmental Science and Pollution Research*, **2009**, 16, 253-64	5.1	19
36	Biostimulation of Soil Microbial Activity Through Organic Fertilizer and Almond tree Association. *Land Degradation and Development*, **2016**, 27, 335-345	4.4	18
35	Organic matter stabilization in reed bed systems: Danish and Italian examples. *Water Science and Technology*, **2013**, 68, 1888-94	2.2	18
34	Interactions between proteins and humic substances affect protein identification by mass spectrometry. *Biology and Fertility of Soils*, **2014**, 50, 447-454	6.1	17
33	Vermicomposting of olive oil mill wastewaters. *Waste Management and Research*, **2010**, 28, 738-47	4	17
32	Evaluation of MSW Compost and Digestate Mixtures for a Circular Economy Application. *Sustainability*, **2020**, 12, 3042	3.6	16
31	Phytoremediated marine sediments as suitable peat-free growing media for production of red robin photinia (Photinia x fraseri). *Chemosphere*, **2018**, 201, 595-602	8.4	16
30	Microbial eco-physiological profiles to estimate the biological restoration of a trichloroethylene-contaminated soil. *Ecological Indicators*, **2011**, 11, 1563-1571	5.8	16
29	Use of earthworms (Eisenia fetida) to reduce phytotoxicity and promote humification of pre-composted olive oil mill wastewater. *Journal of the Science of Food and Agriculture*, **2010**, 90, 1879-85	4.3	16
28	Bioremediation of polluted soil through the combined application of plants, earthworms and organic matter. *Journal of Environmental Monitoring*, **2012**, 14, 2710-7		15
27	Remediated marine sediment as growing medium for lettuce production: assessment of agronomic performance and food safety in a pilot experiment. *Journal of the Science of Food and Agriculture*, **2019**, 99, 5624-5630	4.3	13
26	Effects of wild boar (Sus scrofa) grazing on soil properties in Mediterranean environment. *Catena*, **2012**, 98, 79-86	5.8	13
25	Stabilization process in reed bed systems for sludge treatment. *Ecological Engineering*, **2017**, 102, 381-389	3.9	11

24	Molecular tools to understand the bioremediation effect of plants and earthworms on contaminated marine sediments. *Journal of Hazardous Materials*, **2015**, 300, 398-405	12.8	10
23	Organic matter and pollutants monitoring in reed bed systems for sludge stabilization: a case study. *Environmental Science and Pollution Research*, **2015**, 22, 2447-54	5.1	10
22	Lake-dredged material (LDM) in pedotechnique for the restoration of Mediterranean soils affected by erosion/entisolization processes. *Journal of Soils and Sediments*, **2015**, 15, 32-46	3.4	9
21	Application of Zeolites in Agriculture and Other Potential Uses: A Review. *Agronomy*, **2021**, 11, 1547	3.6	9
20	Sewage sludge and waterworks sludge stabilization in sludge treatment reed bed systems. *Water Science and Technology*, **2017**, 76, 355-363	2.2	8
19	Testing decontaminated sediments as a substrate for ornamentals in field nursery plantations. *Journal of Environmental Management*, **2017**, 197, 681-693	7.9	8
18	Isoelectric focusing of β-glucosidase humic-bound activity in semi-arid Mediterranean soils under management practices. *Biology and Fertility of Soils*, **2012**, 48, 183-190	6.1	8
17	Biochemical performance of degraded soil recovered by lake-dredged materials (LDM) as pedotechnomaterials. *Journal of Soils and Sediments*, **2016**, 16, 1871-1888	3.4	6
16	Potential of on-site vermicomposting of sewage sludge in soil quality improvement. *Desalination and Water Treatment*, **2010**, 23, 123-128		6
15	Soil Carbon in the World: Ecosystem Services Linked to Soil Carbon in Forest and Agricultural Soils **2018**, 1-38		5
14	Impact of natural zeolite on chemical and biochemical properties of vineyard soils. *Soil Use and Management*, **2020**,	3.1	5
13	Innovative system for biochemical monitoring of degraded soils restoration. *Catena*, **2017**, 152, 173-181	5.8	4
12	Susceptible soil organic matter, SOM, fractions to agricultural management practices in salt-affected soils. *Geoderma*, **2020**, 366, 114257	6.7	4
11	Pyrolysis-Gas Chromatography to Evaluate the Organic Matter Quality of Different Degraded Soil Ecosystems		4
10	Monitoring of a long term phytoremediation process of a soil contaminated by heavy metals and hydrocarbons in Tuscany. *Environmental Science and Pollution Research*, **2020**, 27, 424-437	5.1	4
9	Co-composting as a Management Strategy for Posidonia oceanica Residues and Dredged Sediments. *Waste and Biomass Valorization*, **2020**, 11, 4907-4919	3.2	4
8	Short-term performance analysis of sludge treatment reed beds. *Water Science and Technology*, **2013**, 68, 1520-8	2.2	3
7	Coupling vermiremediation with phytoremediation technology to enhance the efficiency of reclamation of polluted marine sediments. *International Journal of Global Environmental Issues*, **2010**, 10, 225	0.8	3

6	Fractionation and characterization of humic substance fractions with different molecular weights, obtained from animal wastes. *Soil Science and Plant Nutrition*, **1995**, 41, 649-658	1.6	3
5	Purple Queen fruits of Punica granatum L.: Nutraceutical properties and unconventional growing substrates. *Journal of Berry Research*, **2020**, 10, 637-650	2	2
4	Short communication: Biochemically active humic substances in contrasting agricultural managements. *Spanish Journal of Agricultural Research*, **2016**, 14, e03SC01	1.1	1
3	Landfarming as a sustainable management strategy for fresh and phytoremediated sediment. *Environmental Science and Pollution Research*, **2021**, 28, 39692-39707	5.1	1
2	Role of Humo-Enzyme Complexes in Restoring of Soil Ecosystems. *Environmental Science and Engineering*, **2011**, 21-35	0.2	
1	IEF Technique to Study the Glucosidase-Humic Complexes in Organic and Mineral Amended Soils. *Environmental Science and Engineering*, **2011**, 37-49	0.2	