Eleonora Peruzzi

List of Publications by Citations

41 papers	709 citations	16 h-index	25 g-index
42 ext. papers	843 ext. citations	4.4 avg, IF	3.88 L-index

#	Paper	IF	Citations
41	Organic matter–microorganism–plant in soil bioremediation: a synergic approach. *Reviews in Environmental Science and Biotechnology*, **2013**, 12, 399-419	13.9	61
40	Heavy metal distribution in a sediment phytoremediation system at pilot scale. *Ecological Engineering*, **2015**, 81, 146-157	3.9	46
39	Biochemical activity and chemical-structural properties of soil organic matter after 17 years of amendments with olive-mill pomace co-compost. *Journal of Environmental Management*, **2015**, 147, 278-85	7.9	45
38	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
37	Heavy metal fractionation and organic matter stabilization in sewage sludge treatment wetlands. *Ecological Engineering*, **2011**, 37, 771-778	3.9	42
36	Phytoremediation of dredged marine sediment: monitoring of chemical and biochemical processes contributing to sediment reclamation. *Journal of Environmental Management*, **2014**, 134, 166-74	7.9	38
35	Almond tree and organic fertilization for soil quality improvement in southern Italy. *Journal of Environmental Management*, **2012**, 95 Suppl, S215-22	7.9	33
34	Ornamental plants for micropollutant removal in wetland systems. *Environmental Science and Pollution Research*, **2015**, 22, 2406-15	5.1	32
33	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
32	A real-scale soil phytoremediation. *Biodegradation*, **2013**, 24, 521-38	4.1	29
31	In situ phytoremediation of a soil historically contaminated by metals, hydrocarbons and polychlorobiphenyls. *Journal of Environmental Monitoring*, **2012**, 14, 1383-90		28
30	Phragmites australis for sewage sludge stabilization. *Desalination*, **2009**, 246, 110-119	10.3	28
29	Decontamination and functional reclamation of dredged brackish sediments. *Biodegradation*, **2013**, 24, 499-512	4.1	24
28	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
27	Biostimulation of Soil Microbial Activity Through Organic Fertilizer and Almond tree Association. *Land Degradation and Development*, **2016**, 27, 335-345	4.4	18
26	Organic matter stabilization in reed bed systems: Danish and Italian examples. *Water Science and Technology*, **2013**, 68, 1888-94	2.2	18
25	Evaluation of MSW Compost and Digestate Mixtures for a Circular Economy Application. *Sustainability*, **2020**, 12, 3042	3.6	16

24	Bioremediation of polluted soil through the combined application of plants, earthworms and organic matter. *Journal of Environmental Monitoring*, **2012**, 14, 2710-7		15
23	Fertigation with Wastewater and Vermicompost: Soil Biochemical and Agronomic Implications. *Pedosphere*, **2014**, 24, 625-634	5	12
22	Phytoremediation of contaminated sediments: evaluation of agronomic properties and risk assessment. *Chemistry and Ecology*, **2011**, 27, 1-11	2.3	12
21	Stabilization process in reed bed systems for sludge treatment. *Ecological Engineering*, **2017**, 102, 381-389	3.9	11
20	Factors controlling carbon metabolism and humification in different soil agroecosystems. *Scientific World Journal, The*, **2014**, 2014, 416074	2.2	11
19	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
18	Effects of UV radiation and rainfall reduction on leaf and soil parameters related to C and N cycles of a Mediterranean shrubland before and after a controlled fire. *Plant and Soil*, **2018**, 424, 503-524	4.2	9
17	Hydraulic and biochemical analyses on full-scale sludge consolidation reed beds in Tuscany (Italy). *Water Science and Technology*, **2009**, 60, 1209-16	2.2	9
16	Sewage sludge and waterworks sludge stabilization in sludge treatment reed bed systems. *Water Science and Technology*, **2017**, 76, 355-363	2.2	8
15	Changes in soil organic matter associated with pig rearing: Influence of stocking densities and land gradient on forest soils in central Italy. *Agriculture, Ecosystems and Environment*, **2015**, 211, 32-42	5.7	8
14	Reed bed systems for sludge treatment: case studies in Italy. *Water Science and Technology*, **2015**, 72, 1043-50	2.2	8
13	The phytoremediation of an organic and inorganic polluted soil: A real scale experience. *International Journal of Phytoremediation*, **2016**, 18, 378-86	3.9	7
12	Soil Carbon in the World: Ecosystem Services Linked to Soil Carbon in Forest and Agricultural Soils **2018**, 1-38		5
11	Pollutant monitoring in sludge treatment wetlands. *Water Science and Technology*, **2011**, 64, 1558-65	2.2	5
10	Impact of natural zeolite on chemical and biochemical properties of vineyard soils. *Soil Use and Management*, **2020**,	3.1	5
9	Pyrolysis-Gas Chromatography to Evaluate the Organic Matter Quality of Different Degraded Soil Ecosystems		4
8	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
7	Co-composting as a Management Strategy for Posidonia oceanica Residues and Dredged Sediments. *Waste and Biomass Valorization*, **2020**, 11, 4907-4919	3.2	4

6	Short-term performance analysis of sludge treatment reed beds. *Water Science and Technology*, **2013**, 68, 1520-8	2.2	3
5	Phytotreatment of sludges (Phragmites australis) for their reuse in the environment. *Water Science and Technology*, **2011**, 64, 1233-8	2.2	3
4	Posidonia oceanica based-compost and dredged sediments as a growth substrate for ornamental plants. *Acta Horticulturae*, **2021**, 317-324	0.3	2
3	Comparison among Different Rewetting Strategies of Degraded Agricultural Peaty Soils: Short-Term Effects on Chemical Properties and Ecoenzymatic Activities. *Agronomy*, **2020**, 10, 1084	3.6	1
2	Landfarming as a sustainable management strategy for fresh and phytoremediated sediment. *Environmental Science and Pollution Research*, **2021**, 28, 39692-39707	5.1	1
1	Recovery and environmental recycling of sediments: the experience of CNR-IRET Pisa. *Journal of Soils and Sediments*,1	3.4	0