Maria Rosaria Boni

List of Publications by Year
in descending order

52	989	394421	477307
papers	citations	19	29
		h-index	g-index

55	55	55	1103
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hydrogen peroxide lifetime as an indicator of the efficiency of 3-chlorophenol Fentonâ€™s and Fenton-like oxidation in soils. Journal of Hazardous Materials, 2003, 96, 305-329.	12.4	60
2	Fast determination of phenols in contaminated soils. Journal of Chromatography A, 2001, 911, 135-141.	3.7	54
3	Application of H2O2 lifetime as an indicator of TCE Fenton-like oxidation in soils. Journal of Hazardous Materials, 2004, 107, 97-102.	12.4	49
4	The potential of compost-based biobarriers for Cr(VI) removal from contaminated groundwater: Column test. Journal of Hazardous Materials, 2009, 166, 1087-1095.	12.4	44
5	Effect of ultrasonication on anaerobic degradability of solid waste digestate. Waste Management, 2016, 48, 209-217.	7.4	44
6	Experimental and numerical evaluation of Groundwater Circulation Wells as a remediation technology for persistent, low permeability contaminant source zones. Journal of Contaminant Hydrology, 2019, 222, 89-100.	3.3	44
7	Occurrence, seasonal variations and removal of Organic Micropollutants in 76 Wastewater Treatment Plants. Chemical Engineering Research and Design, 2020, 141, 61-72.	5.6	39
8	A parametric response surface study of fermentative hydrogen production from cheese whey. Bioresource Technology, 2017, 244, 473-483.	9.6	38
9	Environmental quality of primary paper sludge. Journal of Hazardous Materials, 2004, 108, 125-128.	12.4	37
10	Presence and fate of microplastics in the water sources: focus on the role of wastewater and drinking water treatment plants. Journal of Water Process Engineering, 2021, 40, 101787.	5.6	33
11	A Review on the Removal of Carbamazepine from Aqueous Solution by Using Activated Carbon and Biochar. Sustainability, 2021, 13, 11760.	3.2	31
12	Remediation of Lead-Contaminated Water by Virgin Coniferous Wood Biochar Adsorbent: Batch and Column Application. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	30
13	Experimental investigation on the perfluorooctanoic and perfluorooctane sulfonic acids fate and behaviour in the activated sludge reactor. Chemical Engineering Research and Design, 2020, 134, 406-415.	5.6	25
14	Development and calibration of a mathematical model for the simulation of the biofiltration process. Journal of Environmental Management, 2002, 7, 11-33.	1.7	24
15	Biohydrogen Production from Food Waste: Influence of the Inoculum-To-Substrate Ratio. Sustainability, 2018, 10, 4506.	3.2	23
16	Pretreated waste landfilling: Relation between leachate characteristics and mechanical behaviour. Waste Management, 2006, 26, 1156-1165.	7.4	21
17	A study through batch tests on the analytical determination and the fate and removal of methamphetamine in the biological treatment of domestic wastewater. Environmental Science and Pollution Research, 2018, 25, 27756-27767.	5.3	21
18	A Life Cycle Assessment of an Energy-Biochar Chain Involving a Gasification Plant in Italy. Land, 2021, 10, 1256.	2.9	21

#	Article	IF	Citations
19	Co-landfilling of pretreated waste: Disposal and management strategies at lab-scale. Journal of Hazardous Materials, 2007, 147, 37-47.	12.4	20
20	Application of Biochar to the Remediation of Pb-Contaminated Solutions. Sustainability, 2018, 10, 4440.	3.2	20
21	Experimental and Numerical Study of Biochar Fixed Bed Column for the Adsorption of Arsenic from Aqueous Solutions. Water (Switzerland), 2021, 13, 915.	2.7	20
22	Effects of low-dosage ozone pre-treatment on the anaerobic digestion of secondary and mixed sludge. Environmental Science and Pollution Research, 2019, 26, 35957-35967.	5.3	19
23	Title is missing!. Water, Air, and Soil Pollution, 2003, 149, 211-226.	2.4	16
24	The influence of slaughterhouse waste on fermentative H2 production from food waste: Preliminary results. Waste Management, 2013, 33, 1362-1371.	7.4	15
25	Fermentative H2 production from food waste: Parametric analysis of factor effects. Bioresource Technology, 2019, 276, 349-360.	9.6	15
26	An Eco-Balanced and Integrated Approach for a More-Sustainable MSW Management. Waste and Biomass Valorization, 2020, 11, 5139-5150.	3.4	15
27	Comparison of different iron oxide adsorbents for combined arsenic, vanadium and fluoride removal from drinking water. International Journal of Environmental Science and Technology, 2019, 16, 6053-6064.	3.5	14
28	Fate of selected drugs in the wastewater treatment plants (WWTPs) for domestic sewage. Environmental Science and Pollution Research, 2019, 26, 1113-1123.	5.3	14
29	Impact of COVID19 restrictions on organic micropollutants in wastewater treatment plants and human consumption rates. Science of the Total Environment, 2022, 811, 152327.	8.0	14
30	Modeling of chlorophenols competitive adsorption on soils by means of the ideal adsorbed solution theory. Journal of Hazardous Materials, 2005, 118, 239-246.	12.4	13
31	Fate of Some Endocrine Disruptors in Batch Experiments Using Activated and Inactivated Sludge. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	13
32	A novel treatment for Cd-contaminated solution through adsorption on beech charcoal: the effect of bioactivation. , 0, 127, 104-110.		13
33	Development and calibration of a model for biohydrogen production from organic waste. Waste Management, 2013, 33, 1128-1135.	7.4	12
34	A laboratory-study on the analytical determination and removal processes of THC-COOH and bezoylecgonine in the activated sludge reactor. Chemosphere, 2019, 222, 83-90.	8.2	12
35	Evaluation of removal of illicit drugs, pharmaceuticals and caffeine in a wastewater reclamation plant and related health risk for non-potable applications. Chemical Engineering Research and Design, 2021, 152, 391-403.	5.6	12
36	The Sensitivity of a Specific Denitrification Rate under the Dissolved Oxygen Pressure. International Journal of Environmental Research and Public Health, 2020, 17, 9366.	2.6	10

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37	Organic fraction of municipal solid waste (OFMSW): extent of biodegradation. Waste Management and Research, 1998, 16, 103-107.	3.9	9
38	Biodegradation of 3-Chlorophenol in a Sequencing Batch Reactor. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2003, 38, 2113-2123.	1.7	9
39	Techno-economic evaluation of ozone-oxidation for sludge reduction at the full-scale. Comparison between the application to the return activated sludge (RAS) and the sludge digestion unit. Journal of Water Process Engineering, 2021, 42, 102114.	5.6	8
40	Effect of ultrasonic post-treatment on anaerobic digestion of lignocellulosic waste. Waste Management and Research, 2021, 39, 221-232.	3.9	7
41	Effects of Leachate Salinity on the Aerobic and Anaerobic Mineralization of the Municipal Solid Wastes Organic Fraction. Environmental Technology (United Kingdom), 1997, 18, 203-209.	2.2	6
42	The influence of iron concentration on biohydrogen production from organic waste via anaerobic fermentation. Environmental Technology (United Kingdom), 2014, 35, 3000-3010.	2.2	6
43	Effect of oxic/anoxic conditions on the removal of organic micropollutants in the activated sludge process. Environmental Technology and Innovation, 2020, 20, 101161.	6.1	6
44	Mobility of nZVI in a Reconstructed Porous Media Monitored by an Image Analysis Procedure. Water (Switzerland), 2021, 13, 2797.	2.7	5
45	Potential of compost mixed with tuff and pozzolana in site restoration. Waste Management, 2015, 39, 146-157.	7.4	4
46	Mass balance of emerging organic micropollutants in a small wastewater treatment plant. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	3
47	Fe(II) AND Mn(II) REMOVAL FROM CONTAMINATED GROUNDWATER BY ADSORPTION: A COMPARISON OF ACTIVATED CARBON AND PINE BARK. Environmental Engineering and Management Journal, 2018, 17, 1989-1999.	0.6	3
48	PFOA and PFOS Removal Processes in Activated Sludge Reactor at Laboratory Scale. Advances in Science, Technology and Innovation, 2020, , 375-377.	0.4	3
49	Valorisation of residues from municipal wastewater sieving through anaerobic (co-)digestion with biological sludge. Waste Management and Research, 2022, 40, 814-821.	3.9	2
50	Performance of Italian zeolitic tuffs and pozzolana in 2-chlorophenol removal from contaminated groundwater: the lab-scale experience. WIT Transactions on Ecology and the Environment, 2008, , .	0.0	2
51	Title is missing!. Water, Air, and Soil Pollution, 2003, 150, 89-101.	2.4	1
52	Dissolved Oxygen Perturbations: A New Strategy to Enhance the Removal of Organic Micropollutants in Activated Sludge Process. Advances in Science, Technology and Innovation, 2020, , 371-373.	0.4	0