

Maria Rosaria Boni

List of Publications by Year in descending order

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52
papers

989
citations

394421
19
h-index

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55
all docs

55
docs citations

55
times ranked

1103
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Effect of ultrasonic post-treatment on anaerobic digestion of lignocellulosic waste. Waste Management and Research, 2021, 39, 221-232.	3.9	7
4	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
5	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
6	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
7	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
8	A Review on the Removal of Carbamazepine from Aqueous Solution by Using Activated Carbon and Biochar. Sustainability, 2021, 13, 11760.	3.2	31
9	Mobility of nZVI in a Reconstructed Porous Media Monitored by an Image Analysis Procedure. Water (Switzerland), 2021, 13, 2797.	2.7	5
10	A Life Cycle Assessment of an Energy-Biochar Chain Involving a Gasification Plant in Italy. Land, 2021, 10, 1256.	2.9	21
11	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
12	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
13	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
14	An Eco-Balanced and Integrated Approach for a More-Sustainable MSW Management. Waste and Biomass Valorization, 2020, 11, 5139-5150.	3.4	15
15	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
16	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
17	PFOA and PFOS Removal Processes in Activated Sludge Reactor at Laboratory Scale. Advances in Science, Technology and Innovation, 2020, , 375-377.	0.4	3
18	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

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19	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
20	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
21	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
22	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
23	Fermentative H ₂ production from food waste: Parametric analysis of factor effects. Bioresource Technology, 2019, 276, 349-360.	9.6	15
24	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
25	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
26	Application of Biochar to the Remediation of Pb-Contaminated Solutions. Sustainability, 2018, 10, 4440.	3.2	20
27	Biohydrogen Production from Food Waste: Influence of the Inoculum-To-Substrate Ratio. Sustainability, 2018, 10, 4506.	3.2	23
28	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
29	A parametric response surface study of fermentative hydrogen production from cheese whey. Bioresource Technology, 2017, 244, 473-483.	9.6	38
30	Fate of Some Endocrine Disruptors in Batch Experiments Using Activated and Inactivated Sludge. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	13
31	Effect of ultrasonication on anaerobic degradability of solid waste digestate. Waste Management, 2016, 48, 209-217.	7.4	44
32	Potential of compost mixed with tuff and pozzolana in site restoration. Waste Management, 2015, 39, 146-157.	7.4	4
33	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
34	The influence of slaughterhouse waste on fermentative H ₂ production from food waste: Preliminary results. Waste Management, 2013, 33, 1362-1371.	7.4	15
35	Development and calibration of a model for biohydrogen production from organic waste. Waste Management, 2013, 33, 1128-1135.	7.4	12
36	Mass balance of emerging organic micropollutants in a small wastewater treatment plant. WIT Transactions on Ecology and the Environment, 2012, , .	0.0	3

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37	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
38	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
39	Co-landfilling of pretreated waste: Disposal and management strategies at lab-scale. Journal of Hazardous Materials, 2007, 147, 37-47.	12.4	20
40	Pretreated waste landfilling: Relation between leachate characteristics and mechanical behaviour. Waste Management, 2006, 26, 1156-1165.	7.4	21
41	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
42	Application of H ₂ O ₂ lifetime as an indicator of TCE Fenton-like oxidation in soils. Journal of Hazardous Materials, 2004, 107, 97-102.	12.4	49
43	Environmental quality of primary paper sludge. Journal of Hazardous Materials, 2004, 108, 125-128.	12.4	37
44	Title is missing!. Water, Air, and Soil Pollution, 2003, 149, 211-226.	2.4	16
45	Title is missing!. Water, Air, and Soil Pollution, 2003, 150, 89-101.	2.4	1
46	Hydrogen peroxide lifetime as an indicator of the efficiency of 3-chlorophenol Fenton's and Fenton-like oxidation in soils. Journal of Hazardous Materials, 2003, 96, 305-329.	12.4	60
47	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
48	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
49	Fast determination of phenols in contaminated soils. Journal of Chromatography A, 2001, 911, 135-141.	3.7	54
50	Organic fraction of municipal solid waste (OFMSW): extent of biodegradation. Waste Management and Research, 1998, 16, 103-107.	3.9	9
51	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
52	A novel treatment for Cd-contaminated solution through adsorption on beech charcoal: the effect of bioactivation. , 0, 127, 104-110.		13