

Giuseppe Mazziotti Di Celso

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

373
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Steam gasification of Miscanthus X Giganteus with olivine as catalyst production of syngas and analysis of tars (IR, NMR and GC/MS). Biomass and Bioenergy, 2011, 35, 2650-2658.	5.7	49
2	Influence of oxygen on adsorption of elemental mercury vapors onto activated carbon. Fuel, 2013, 111, 485-491.	6.4	45
3	Heavy Metal Removal from Liquid Wastes by Using Micellar-Enhanced Ultrafiltration. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	41
4	The Gibbs Free Energy Gradient Method for RDF gasification modelling. Fuel, 2011, 90, 1402-1407.	6.4	40
5	Effect of burning supplementary waste fuels on the pollutant emissions by cement plants: a statistical analysis of process data. Resources, Conservation and Recycling, 2003, 39, 161-184.	10.8	37
6	Development of a reliable alkaline wastewater treatment process: optimization of the pre-treatment step. Water Research, 2005, 39, 5055-5063.	11.3	20
7	Treatment of WEEE industrial wastewaters: Removal of yttrium and zinc by means of micellar enhanced ultra filtration. Waste Management, 2018, 74, 393-403.	7.4	20
8	Back-flush effects on superficial water ultrafiltration. Desalination, 2010, 256, 22-26.	8.2	17
9	Purification of residual leach liquors from hydrometallurgical process of NiMH spent batteries through micellar enhanced ultra filtration. Journal of Environmental Management, 2018, 215, 377-384.	7.8	15
10	Removal of tetramethyl ammonium hydroxide from synthetic liquid wastes of electronic industry through micellar enhanced ultrafiltration. Journal of Dispersion Science and Technology, 2018, 39, 207-213.	2.4	15
11	Wastewater reuse by means of UF membrane process: a comparison with Italian provisions. Desalination and Water Treatment, 2013, 51, 1615-1622.	1.0	13
12	Kinetics of pyrolysis and combustion of spherical wood particles in a fluidized bed. Energy Conversion and Management, 2014, 82, 27-36.	9.2	12
13	Salt scales on process equipment: Measurement of the induction time for calcium carbonate nucleation. Canadian Journal of Chemical Engineering, 2017, 95, 1671-1675.	1.7	10
14	On the removal of natural organic matter from superficial water by using UF and MF membranes. Desalination and Water Treatment, 2016, 57, 2481-2488.	1.0	9
15	Recovery of Anionic Surfactant Through Acidification/Ultrafiltration in a Micellar-Enhanced Ultrafiltration Process for Cobalt Removal. Environmental Engineering Science, 2018, 35, 493-500.	1.6	9
16	Reduction of Fouling and Scaling by Calcium Ions on an UF Membrane Surface for an Enhanced Water Pre-Treatment. Water (Switzerland), 2019, 11, 984.	2.7	9
17	Techno-economic analysis of olive wastewater treatment with a closed water approach by integrated membrane processes and advanced oxidation processes. Journal of Water Reuse and Desalination, 2021, 11, 122-135.	2.3	6
18	Citric acid as a green additive to retard calcium carbonate scales on process equipment. Canadian Journal of Chemical Engineering, 2020, 98, 1973-1979.	1.7	3

#	ARTICLE	IF	CITATIONS
19	Study of the Effect of Leucine on Calcium Carbonate Precipitation in a Circular Economy Perspective. Water (Switzerland), 2022, 14, 270.	2.7	2
20	Integrated process scheme for the combined treatment of liquid wastes and municipal wastewaters: a process analysis. Desalination and Water Treatment, 2016, 57, 2555-2563.	1.0	1