Sabino De Gisi

List of Publications by Year
in descending order

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73 papers	2,972 citations	257101 24 h-index	168136 53 g-index
73 all docs	73 docs citations	73 times ranked	3940 citing authors

#	Article	IF	Citations
1	Characteristics and adsorption capacities of low-cost sorbents for wastewater treatment: A review. Sustainable Materials and Technologies, 2016, 9, 10-40.	1.7	932
2	A review on wastewater sludge valorisation and its challenges in the context of circular economy. Journal of Cleaner Production, 2019, 228, 244-263.	4.6	304
3	Public opinion and awareness towards MSW and separate collection programmes: A sociological procedure for selecting areas and citizens with a low level of knowledge. Waste Management, 2010, 30, 958-976.	3.7	117
4	Using MCDA and GIS for hazardous waste landfill siting considering land scarcity for waste disposal. Waste Management, 2014, 34, 2225-2238.	3.7	107
5	Using an innovative criteria weighting tool for stakeholders involvement to rank MSW facility sites with the AHP. Waste Management, 2010, 30, 2370-2382.	3.7	94
6	Public perception of odour and environmental pollution attributed to MSW treatment and disposal facilities: A case study. Waste Management, 2013, 33, 974-987.	3.7	81
7	In situ remediation of contaminated marinesediment: an overview. Environmental Science and Pollution Research, 2017, 24, 5189-5206.	2.7	77
8	Treatment of tannery wastewater through the combination of a conventional activated sludge process and reverse osmosis with a plane membrane. Desalination, 2009, 249, 337-342.	4.0	59
9	Grey water in buildings: a mini-review of guidelines, technologies and case studies. Civil Engineering and Environmental Systems, 2016, 33, 35-54.	0.4	59
10	Sustainable ex-situ remediation of contaminated sediment: A review. Environmental Pollution, 2021, 287, 117333.	3.7	58
11	Binders alternative to Portland cement and waste management for sustainable constructionâ€"part 1. Journal of Applied Biomaterials and Functional Materials, 2018, 16, 186-202.	0.7	57
12	Definition of a practical multi-criteria procedure for selecting the best coagulant in a chemically assisted primary sedimentation process for the treatment of urban wastewater. Desalination, 2008, 230, 229-238.	4.0	48
13	A life cycle assessment study on the stabilization/solidification treatment processes for contaminated marine sediments. Journal of Cleaner Production, 2018, 201, 391-402.	4.6	48
14	Evaluation of the treatability of a winery distillery (vinasse) wastewater by UASB, anoxic-aerobic UF-MBR and chemical precipitation/adsorption. Journal of Environmental Management, 2017, 201, 177-189.	3.8	47
15	Binders alternative to Portland cement and waste management for sustainable construction â€“ Part 2. Journal of Applied Biomaterials and Functional Materials, 2018, 16, 207-221.	0.7	45
16	Concerning operational aspects in supercritical water gasification of kraft black liquor. Renewable Energy, 2019, 130, 891-901.	4.3	45
17	Domestic Separation and Collection of Municipal Solid Waste: Opinion and Awareness of Citizens and Workers. Sustainability, 2010, 2, 1297-1326.	1.6	36
18	The role of (bio)degradability on the management of petrochemical and bio-based plastic waste. Journal of Environmental Management, 2022, 310, 114769.	3.8	36

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19	The influence of bio-plastics for food packaging on combined anaerobic digestion and composting treatment of organic municipal waste. Waste Management, 2022, 144, 87-97.	3.7	32
20	History and Technology of Terra Preta Sanitation. Sustainability, 2014, 6, 1328-1345.	1.6	30
21	Implementing a composite indicator approach for prioritizing activated sludge-based wastewater treatment plants at large spatial scale. Ecological Indicators, 2016, 71, 1-18.	2.6	29
22	Outlining a comprehensive techno-economic approach to evaluate the performance of an advanced sorting plant for plastic waste recovery. Chemical Engineering Research and Design, 2020, 143, 248-261.	2.7	28
23	Sustainable design of large wastewater treatment plants considering multi-criteria decision analysis and stakeholdersâ€™ involvement. Journal of Environmental Management, 2020, 261, 110158.	3.8	28
24	Pyrolysis of automotive shredder residue in a bench scale rotary kiln. Waste Management, 2017, 65, 92-103.	3.7	26
25	Remediation of a Petroleum Hydrocarbon-Contaminated Site by Soil Vapor Extraction: A Full-Scale Case Study. Applied Sciences (Switzerland), 2020, 10, 4261.	1.3	24
26	Sustainability assessment of municipal solid waste separate collection and treatment systems in a large metropolitan area. Sustainable Production and Consumption, 2022, 29, 328-340.	5.7	24
27	Enhancing the recovery of gypsum in limestone-based wet flue gas desulfurization with high energy ball milling process: A feasibility study. Chemical Engineering Research and Design, 2017, 109, 117-129.	2.7	23
28	A comparison of the efficacy of organic and mixed-organic polymers with polyaluminium chloride in chemically assisted primary sedimentation (CAPS). Environmental Technology (United Kingdom), 2013, 34, 1297-1305.	1.2	22
29	Recycling contaminated marine sediments as filling materials by pilot scale stabilization/solidification with lime, organoclay and activated carbon. Journal of Cleaner Production, 2020, 269, 122416.	4.6	22
30	Energy, environmental and operation aspects of a SRF-fired fluidized bed waste-to-energy plant. Waste Management, 2018, 73, 271-286.	3.7	21
31	Feasibility Analysis on the Adoption of Decentralized Anaerobic Co-Digestion for the Treatment of Municipal Organic Waste with Energy Recovery in Urban Districts of Metropolitan Areas. International Journal of Environmental Research and Public Health, 2021, 18, 1820.	1.2	21
32	Environmentally Sustainable Cement Composites Based on End-of-Life Tyre Rubber and Recycled Waste Porous Glass. Materials, 2019, 12, 3289.	1.3	20
33	Experimental and theoretical investigation on the recovery of green chemicals and energy from mixed agricultural wastes by coupling anaerobic digestion and supercritical water gasification. Chemical Engineering Journal, 2019, 370, 1101-1110.	6.6	20
34	A review of the in-situ capping amendments and modeling approaches for the remediation of contaminated marine sediments. Science of the Total Environment, 2022, 806, 151257.	3.9	20
35	Contaminated marine sediment stabilization/solidification treatment with cement/lime: leaching behaviour investigation. Environmental Science and Pollution Research, 2020, 27, 21407-21415.	2.7	19
36	Sustainability assessment of reactive capping alternatives for the remediation of contaminated marine sediments. Journal of Cleaner Production, 2021, 286, 124946.	4.6	18

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37	Using a new incentive mechanism to improve wastewater sector performance: The case study of Italy. Journal of Environmental Management, 2014, 132, 94-106.	3.8	16
38	Recovery of iron rich residues from integrated steel making process by hydrated lime/molasses pressurised cold agglomeration. Journal of Cleaner Production, 2019, 233, 830-840.	4.6	15
39	Combining GIS and FAOâ€™s crop water productivity model for the estimation of water footprinting in a temporary river catchment. Sustainable Production and Consumption, 2019, 17, 254-268.	5.7	15
40	Experimental investigations and numerical modelling of in-situ reactive caps for PAH contaminated marine sediments. Journal of Hazardous Materials, 2020, 387, 121724.	6.5	15
41	The Improvement of Durability of Reinforced Concretes for Sustainable Structures: A Review on Different Approaches. Materials, 2022, 15, 2728.	1.3	15
42	SUSTAINABLE REMEDIATION TECHNOLOGIES FOR CONTAMINATED MARINE SEDIMENTS: PRELIMINARY RESULTS OF AN EXPERIMENTAL INVESTIGATION. Environmental Engineering and Management Journal, 2018, 17, 2465-2471.	0.2	13
43	Full-scale treatment of wastewater from a biodiesel fuel production plant with alkali-catalyzed transesterification. Environmental Technology (United Kingdom), 2013, 34, 861-870.	1.2	12
44	An integrated approach for monitoring efficiency and investments of activated sludge-based wastewater treatment plants at large spatial scale. Science of the Total Environment, 2015, 523, 201-218.	3.9	12
45	DPSIR Model Applied to the Remediation of Contaminated Sites. A Case Study: Mar Piccolo of Taranto. Applied Sciences (Switzerland), 2020, 10, 5080.	1.3	12
46	Development and application of a planning support tool in the municipal wastewater sector: The case study of Italy. Land Use Policy, 2014, 41, 260-273.	2.5	11
47	Alternating pure oxygen and air cycles for the biostabilization of unsorted fraction of municipal solid waste. Waste Management, 2018, 79, 404-414.	3.7	11
48	Carbon Footprint and Total Cost Evaluation of Different Bio-Plastics Waste Treatment Strategies. Clean Technologies, 2022, 4, 570-583.	1.9	11
49	Assessing the public perception of islanders regarding the implementation of new technologies to optimize the municipal solid waste management system: A Mediterranean case study. Journal of Cleaner Production, 2017, 164, 1586-1601.	4.6	10
50	Industrial Wastewater Treatment. , 2017, , 23-42.		10
51	Sustainability assessment of alternative end-uses for disused areas based on multi-criteria decision-making method. Science of the Total Environment, 2018, 631-632, 142-152.	3.9	9
52	Dealing with a cluster of large centralized municipal wastewater treatment plants: A case study. Chemical Engineering Research and Design, 2018, 118, 268-278.	2.7	9
53	Experimental Investigation on Environmentally Sustainable Cement Composites Based on Wheat Straw and Perlite. Materials, 2022, 15, 453.	1.3	9
54	Environmental Comparison of Different Mechanicalâ€“Biological Treatment Plants by Combining Life Cycle Assessment and Material Flow Analysis. Clean Technologies, 2022, 4, 380-394.	1.9	9

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55	A holistic DPSIR-based approach to the remediation of heavily contaminated coastal areas. Environmental Pollution, 2021, 284, 117129.	3.7	8
56	ASSESSING THE CORRELATION BETWEEN CONTAMINATION SOURCES AND ENVIRONMENTAL QUALITY OF MARINE SEDIMENTS USING MULTIVARIATE ANALYSIS. Environmental Engineering and Management Journal, 2018, 17, 2391-2399.	0.2	8
57	Effects of cellulose-based bio-plastics on the aerobic biological stabilization treatment of mixed municipal solid waste: A lab-scale assessment. Journal of Environmental Management, 2022, 318, 115585.	3.8	8
58	Waste minimization in the remediation of contaminated sites: using the oil belt skimmer technology for the removal of heavy hydrocarbons from groundwater. Environmental Science and Pollution Research, 2016, 23, 24092-24106.	2.7	7
59	Wastewater Reuse. , 2017, , 53-68.		7
60	The greatest water reservoirs in the ancient Roman world and the â€œPiscina Mirabilisâ€•in Misenum. Water Science and Technology: Water Supply, 2010, 10, 350-358.	1.0	6
61	Chemically Assisted Primary Sedimentation: A Green Chemistry Option. Springer Briefs in Molecular Science, 2012, , 1-18.	0.1	5
62	Historical, biological and morphological aspects of the Roccarainola qanat in the district of Naples, Italy. Water Science and Technology: Water Supply, 2010, 10, 647-655.	1.0	4
63	Water and wastewater management in the treatment process of a Roman fullonica. Water Science and Technology: Water Supply, 2013, 13, 599-605.	1.0	4
64	Monitored natural recovery of contaminated marine sediments. Proposal of a monitoring plan for in situ continuous testing and sensing. , 2017, , .		4
65	EVALUATION OF REMEDIATION TECHNOLOGIES FOR CONTAMINATED MARINE SEDIMENTS THROUGH MULTI CRITERIA DECISION ANALYSIS. Environmental Engineering and Management Journal, 2020, 19, 1891-1903.	0.2	4
66	A simple method to equalize the workload when operating several small wastewater treatment plants: a case study. Environmental Technology (United Kingdom), 2013, 34, 1533-1541.	1.2	3
67	Adsorption of Uranium (VI) onto Natural Algerian Phosphate: Study of Influencing Factors, and Mechanism. Arabian Journal for Science and Engineering, 2021, 46, 6645-6661.	1.7	3
68	SEPARATE COLLECTION OF MUNICIPAL SOLID WASTE AND FATE OF THE RESIDUAL UNSORTED FRACTION: A SCENARIO ANALYSIS. Environmental Engineering and Management Journal, 2020, 19, 1731-1740.	0.2	3
69	Multi-criteria decision-making. , 2022, , 219-243.		3
70	Grey Water. , 2017, , 77-89.		2
71	What lessons can be learnt from studying a Roman hydraulic structure in a little village in Southern Italy?. Water Science and Technology: Water Supply, 2013, 13, 666-673.	1.0	1
72	Stabilization/solidification of contaminated marine sediment. , 2022, , 113-127.		1

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73	Assessment of water consumptions in small mediterranean islandsâ€™ primary schools by means of a long-term online monitoring. Applied Water Science, 2017, 7, 3291-3300.	2.8	0