

Sabino De Gisi

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,972
citations

257101

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168136

53
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all docs

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docs citations

73
times ranked

3940
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the in-situ capping amendments and modeling approaches for the remediation of contaminated marine sediments. <i>Science of the Total Environment</i> , 2022, 806, 151257.	3.9	20
2	Sustainability assessment of municipal solid waste separate collection and treatment systems in a large metropolitan area. <i>Sustainable Production and Consumption</i> , 2022, 29, 328-340.	5.7	24
3	Stabilization/solidification of contaminated marine sediment. , 2022, , 113-127.		1
4	Experimental Investigation on Environmentally Sustainable Cement Composites Based on Wheat Straw and Perlite. <i>Materials</i> , 2022, 15, 453.	1.3	9
5	The Improvement of Durability of Reinforced Concretes for Sustainable Structures: A Review on Different Approaches. <i>Materials</i> , 2022, 15, 2728.	1.3	15
6	The role of (bio)degradability on the management of petrochemical and bio-based plastic waste. <i>Journal of Environmental Management</i> , 2022, 310, 114769.	3.8	36
7	The influence of bio-plastics for food packaging on combined anaerobic digestion and composting treatment of organic municipal waste. <i>Waste Management</i> , 2022, 144, 87-97.	3.7	32
8	Multi-criteria decision-making. , 2022, , 219-243.		3
9	Environmental Comparison of Different Mechanical Biological Treatment Plants by Combining Life Cycle Assessment and Material Flow Analysis. <i>Clean Technologies</i> , 2022, 4, 380-394.	1.9	9
10	Carbon Footprint and Total Cost Evaluation of Different Bio-Plastics Waste Treatment Strategies. <i>Clean Technologies</i> , 2022, 4, 570-583.	1.9	11
11	Effects of cellulose-based bio-plastics on the aerobic biological stabilization treatment of mixed municipal solid waste: A lab-scale assessment. <i>Journal of Environmental Management</i> , 2022, 318, 115585.	3.8	8
12	Sustainability assessment of reactive capping alternatives for the remediation of contaminated marine sediments. <i>Journal of Cleaner Production</i> , 2021, 286, 124946.	4.6	18
13	Adsorption of Uranium (VI) onto Natural Algerian Phosphate: Study of Influencing Factors, and Mechanism. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 6645-6661.	1.7	3
14	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. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1820.	1.2	21
15	A holistic DPSIR-based approach to the remediation of heavily contaminated coastal areas. <i>Environmental Pollution</i> , 2021, 284, 117129.	3.7	8
16	Sustainable ex-situ remediation of contaminated sediment: A review. <i>Environmental Pollution</i> , 2021, 287, 117333.	3.7	58
17	Experimental investigations and numerical modelling of in-situ reactive caps for PAH contaminated marine sediments. <i>Journal of Hazardous Materials</i> , 2020, 387, 121724.	6.5	15
18	Outlining a comprehensive techno-economic approach to evaluate the performance of an advanced sorting plant for plastic waste recovery. <i>Chemical Engineering Research and Design</i> , 2020, 143, 248-261.	2.7	28

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19	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
20	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
21	Sustainable design of large wastewater treatment plants considering multi-criteria decision analysis and stakeholders'™ involvement. Journal of Environmental Management, 2020, 261, 110158.	3.8	28
22	Contaminated marine sediment stabilization/solidification treatment with cement/lime: leaching behaviour investigation. Environmental Science and Pollution Research, 2020, 27, 21407-21415.	2.7	19
23	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
24	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
25	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
26	Concerning operational aspects in supercritical water gasification of kraft black liquor. Renewable Energy, 2019, 130, 891-901.	4.3	45
27	Environmentally Sustainable Cement Composites Based on End-of-Life Tyre Rubber and Recycled Waste Porous Glass. Materials, 2019, 12, 3289.	1.3	20
28	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
29	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
30	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
31	Combining GIS and FAO'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
32	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
33	Energy, environmental and operation aspects of a SRF-fired fluidized bed waste-to-energy plant. Waste Management, 2018, 73, 271-286.	3.7	21
34	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
35	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
36	Binders alternative to Portland cement and waste management for sustainable construction"part 1. Journal of Applied Biomaterials and Functional Materials, 2018, 16, 186-202.	0.7	57

#	ARTICLE	IF	CITATIONS
37	Binders alternative to Portland cement and waste management for sustainable construction " Part 2. Journal of Applied Biomaterials and Functional Materials, 2018, 16, 207-221.	0.7	45
38	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
39	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
40	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
41	Pyrolysis of automotive shredder residue in a bench scale rotary kiln. Waste Management, 2017, 65, 92-103.	3.7	26
42	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
43	In situ remediation of contaminated marine sediment: an overview. Environmental Science and Pollution Research, 2017, 24, 5189-5206.	2.7	77
44	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
45	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
46	Assessment of water consumptions in small mediterranean islands' primary schools by means of a long-term online monitoring. Applied Water Science, 2017, 7, 3291-3300.	2.8	0
47	Monitored natural recovery of contaminated marine sediments. Proposal of a monitoring plan for in situ continuous testing and sensing. , 2017, , .		4
48	Industrial Wastewater Treatment. , 2017, , 23-42.		10
49	Wastewater Reuse. , 2017, , 53-68.		7
50	Grey Water. , 2017, , 77-89.		2
51	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
52	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
53	Characteristics and adsorption capacities of low-cost sorbents for wastewater treatment: A review. Sustainable Materials and Technologies, 2016, 9, 10-40.	1.7	932
54	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

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55	An integrated approach for monitoring efficiency and investments of activated sludge-based wastewater treatment plants at large spatial scale. <i>Science of the Total Environment</i> , 2015, 523, 201-218.	3.9	12
56	Using a new incentive mechanism to improve wastewater sector performance: The case study of Italy. <i>Journal of Environmental Management</i> , 2014, 132, 94-106.	3.8	16
57	Using MCDA and GIS for hazardous waste landfill siting considering land scarcity for waste disposal. <i>Waste Management</i> , 2014, 34, 2225-2238.	3.7	107
58	Development and application of a planning support tool in the municipal wastewater sector: The case study of Italy. <i>Land Use Policy</i> , 2014, 41, 260-273.	2.5	11
59	History and Technology of Terra Preta Sanitation. <i>Sustainability</i> , 2014, 6, 1328-1345.	1.6	30
60	Full-scale treatment of wastewater from a biodiesel fuel production plant with alkali-catalyzed transesterification. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 861-870.	1.2	12
61	Public perception of odour and environmental pollution attributed to MSW treatment and disposal facilities: A case study. <i>Waste Management</i> , 2013, 33, 974-987.	3.7	81
62	A simple method to equalize the workload when operating several small wastewater treatment plants: a case study. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 1533-1541.	1.2	3
63	A comparison of the efficacy of organic and mixed-organic polymers with polyaluminium chloride in chemically assisted primary sedimentation (CAPS). <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 1297-1305.	1.2	22
64	Water and wastewater management in the treatment process of a Roman fullonica. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 599-605.	1.0	4
65	What lessons can be learnt from studying a Roman hydraulic structure in a little village in Southern Italy?. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 666-673.	1.0	1
66	Chemically Assisted Primary Sedimentation: A Green Chemistry Option. <i>Springer Briefs in Molecular Science</i> , 2012, , 1-18.	0.1	5
67	The greatest water reservoirs in the ancient Roman world and the "Piscina Mirabilis" in Misenum. <i>Water Science and Technology: Water Supply</i> , 2010, 10, 350-358.	1.0	6
68	Historical, biological and morphological aspects of the Roccarainola qanat in the district of Naples, Italy. <i>Water Science and Technology: Water Supply</i> , 2010, 10, 647-655.	1.0	4
69	Public opinion and awareness towards MSW and separate collection programmes: A sociological procedure for selecting areas and citizens with a low level of knowledge. <i>Waste Management</i> , 2010, 30, 958-976.	3.7	117
70	Using an innovative criteria weighting tool for stakeholders involvement to rank MSW facility sites with the AHP. <i>Waste Management</i> , 2010, 30, 2370-2382.	3.7	94
71	Domestic Separation and Collection of Municipal Solid Waste: Opinion and Awareness of Citizens and Workers. <i>Sustainability</i> , 2010, 2, 1297-1326.	1.6	36
72	Treatment of tannery wastewater through the combination of a conventional activated sludge process and reverse osmosis with a plane membrane. <i>Desalination</i> , 2009, 249, 337-342.	4.0	59

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73	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