

# Daniele Goi

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,356  
citations

361045

20  
h-index

360668

35  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1537  
citing authors

#	ARTICLE	IF	CITATIONS
1	BMP tests of source selected OFMSW to evaluate anaerobic codigestion with sewage sludge. Waste Management, 2013, 33, 1626-1632.	3.7	161
2	Catalytic activity of metals in heterogeneous Fenton-like oxidation of wastewater contaminants: a review. Environmental Chemistry Letters, 2021, 19, 2405-2424.	8.3	128
3	Up-Flow Anaerobic Sludge Blanket (UASB) Technology for Energy Recovery: A Review on State-of-the-Art and Recent Technological Advances. Bioengineering, 2020, 7, 43.	1.6	118
4	Wet oxidation of acetic acid catalyzed by doped ceria. Applied Catalysis B: Environmental, 1996, 11, L29-L35.	10.8	66
5	Wastewater fertigation in agriculture: Issues and opportunities for improved water management and circular economy. Environmental Pollution, 2022, 296, 118755.	3.7	58
6	Sustainability of Domestic Sewage Sludge Disposal. Sustainability, 2014, 6, 2424-2434.	1.6	55
7	Pilot plant experience on anaerobic codigestion of source selected OFMSW and sewage sludge. Waste Management, 2016, 49, 47-54.	3.7	52
8	Evaluation of ozonation applicability to pulp and paper streams for a sustainable wastewater treatment. Journal of Cleaner Production, 2020, 258, 120781.	4.6	51
9	Techno-economic feasibility of anaerobic digestion of cheese whey in small Italian dairies and effect of ultrasound pre-treatment on methane yield. Journal of Environmental Management, 2019, 246, 557-563.	3.8	49
10	Phototreatment of Water by Organic Photosensitizers and Comparison with Inorganic Semiconductors. International Journal of Photoenergy, 2015, 2015, 1-22.	1.4	47
11	Life cycle assessment of sewage sludge pretreatment for biogas production: From laboratory tests to full-scale applicability. Journal of Cleaner Production, 2021, 322, 129056.	4.6	37
12	Processes, applications and legislative framework for carbonized anaerobic digestate: Opportunities and bottlenecks. A critical review. Energy Conversion and Management, 2022, 263, 115691.	4.4	36
13	Techno-economic analysis of anaerobic digestion implementation in small Italian breweries and evaluation of biochar and granular activated carbon addition effect on methane yield. Journal of Environmental Chemical Engineering, 2019, 7, 103184.	3.3	35
14	Enhanced ibuprofen removal by heterogeneous-Fenton process over Cu/ZrO <sub>2</sub> and Fe/ZrO <sub>2</sub> catalysts. Journal of Environmental Chemical Engineering, 2020, 8, 103586.	3.3	35
15	Degradation of phenol in wastewaters via heterogeneous Fenton-like Ag/CeO <sub>2</sub> catalyst. Journal of Environmental Chemical Engineering, 2017, 5, 1159-1165.	3.3	30
16	Preliminary evaluation of potential methane production from anaerobic digestion of beach-cast seagrass wrack: The case study of high-adriatic coast. Journal of Cleaner Production, 2020, 254, 120131.	4.6	26
17	Alternative seagrass wrack management practices in the circular bioeconomy framework: A life cycle assessment approach. Science of the Total Environment, 2021, 798, 149283.	3.9	23
18	Demand-Response Application in Wastewater Treatment Plants Using Compressed Air Storage System: A Modelling Approach. Energies, 2020, 13, 4780.	1.6	22

#	ARTICLE	IF	CITATIONS
19	Salt-assisted thermal desorption of mercury from contaminated dredging sludge. <i>Journal of Hazardous Materials</i> , 2011, 193, 177-182.	6.5	21
20	Analysis of metals and EOX in sludge from municipal wastewater treatment plants: A case study. <i>Waste Management</i> , 2006, 26, 167-175.	3.7	20
21	The photodynamic inactivation of <i>Staphylococcus aureus</i> in water using visible light with a new expanded porphyrin. <i>Journal of Water and Health</i> , 2012, 10, 390-399.	1.1	20
22	Bench-scale tests on ultrasound-assisted acid washing and thermal desorption of mercury from dredging sludge and other solid matrices. <i>Journal of Hazardous Materials</i> , 2009, 171, 647-653.	6.5	19
23	Potential of Ceria-Based Catalysts for the Oxidation of Landfill Leachate by Heterogeneous Fenton Process. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-8.	1.4	19
24	Land application of aerobic sewage sludge does not impair methane oxidation rates of soils. <i>Science of the Total Environment</i> , 2012, 441, 10-18.	3.9	19
25	Ostracoda (Crustacea) as indicators for surface water quality: a case study from the Ledra River basin (NE Italy). <i>Hydrobiologia</i> , 2012, 688, 25-35.	1.0	19
26	COD and AOX abatement in catalytic wet oxidation of halogenated liquid wastes using CeO <sub>2</sub> -based catalysts. <i>Journal of Alloys and Compounds</i> , 2006, 408-412, 1136-1140.	2.8	18
27	Combined ultrasound-ozone treatment for reutilization of primary effluent—a preliminary study. <i>Environmental Science and Pollution Research</i> , 2021, 28, 700-710.	2.7	17
28	Pilot-UASB reactor tests for anaerobic valorisation of high-loaded liquid substrates in friulian mountain area. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103348.	3.3	15
29	MONITORING OF HEAVY METALS, EOX AND LAS IN SEWAGE SLUDGE FOR AGRICULTURAL USE: A CASE STUDY. <i>Detritus</i> , 2020, , 160-168.	0.4	15
30	Removal of Organics from Landfill Leachate by Heterogeneous Fenton-like Oxidation over Copper-Based Catalyst. <i>Catalysts</i> , 2022, 12, 338.	1.6	14
31	Environmental methane emissions from seagrass wrack and evaluation of salinity effect on microbial community composition. <i>Journal of Cleaner Production</i> , 2021, 285, 125426.	4.6	13
32	Respirometry tests in wastewater treatment: Why and how? A critical review. <i>Science of the Total Environment</i> , 2021, 793, 148607.	3.9	13
33	Catalytic Wet-oxidation of a Mixed Liquid Waste: COD and AOX Abatement. <i>Environmental Technology (United Kingdom)</i> , 2004, 25, 1397-1403.	1.2	12
34	Biological evaluation of a Porphyrin-SPION nanoconjugate as an antimicrobial magnetic photosensitizer. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 581-588.	0.4	11
35	(Eco)toxicological maps: A new risk assessment method integrating traditional and in silico tools and its application in the Ledra River (Italy). <i>Environment International</i> , 2018, 119, 275-286.	4.8	11
36	Biomethane Potential of Sludges from a Brackish Water Fish Hatchery. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 552.	1.3	8

#	ARTICLE	IF	CITATIONS
37	Steel Scale Waste as a Heterogeneous Fenton-like Catalyst for the Treatment of Landfill Leachate. <i>Industrial &amp; Engineering Chemistry Research</i> , 2021, 60, 11715-11724.	1.8	8
38	Rheology Measurements for Online Monitoring of Solids in Activated Sludge Reactors of Municipal Wastewater Treatment Plant. <i>Scientific World Journal, The</i> , 2014, 2014, 1-6.	0.8	7
39	Heterogeneous Fenton-like oxidation of ibuprofen over zirconia-supported iron and copper catalysts: effect of process variables. <i>Journal of Water Process Engineering</i> , 2021, 44, 102343.	2.6	7
40	Bimetallic Cu/Fe Catalysts for Ibuprofen Mineralization. <i>Catalysts</i> , 2021, 11, 1383.	1.6	5
41	Sewage sludge quality from small wastewater treatment plants. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 2012, 165, 67-78.	0.9	4
42	Thickening and Storage of Sewage Sludge Contribute to the Degradation of LAS and EOX and the Humification of Organic Matter. <i>Water (Switzerland)</i> , 2021, 13, 933.	1.2	3
43	Synthesis, characterization, and photodynamic activity of new antimicrobial PVC based composite materials. <i>European Polymer Journal</i> , 2021, 160, 110805.	2.6	3
44	Sustainable Alternatives for Tertiary Treatment of Pulp and Paper Wastewater. <i>Sustainability</i> , 2022, 14, 6047.	1.6	3
45	Evaluation of Chlorinated By-Products in Drinking Waters of Central Friuli (Italy). <i>Annali Di Chimica</i> , 2005, 95, 617-627.	0.6	2
46	Ionic exchange desorption of mercury from contaminated dredging sludge (at 393K and ambient) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	1
47	Preliminary bench and pilot plant experiences for On-board wastewater treatment by ozone. <i>Ozone: Science and Engineering</i> , 2003, 25, 177-183.	1.4	0
48	Sustainability of Domestic Sewage Sludge Disposal. , 2016, , 31-45.		0