

Isabella Gandolfi

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,833
citations

257450

24
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

3841
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of long-range transported bioaerosols in the Central Mediterranean. <i>Science of the Total Environment</i> , 2021, 763, 143010.	8.0	17
2	Integrated biological and chemical characterisation of a pair of leonardesque canal lock gates. <i>PLoS ONE</i> , 2021, 16, e0247478.	2.5	1
3	Plant-microorganisms interaction promotes removal of air pollutants in Milan (Italy) urban area. <i>Journal of Hazardous Materials</i> , 2020, 384, 121021.	12.4	29
4	Cloacal microbiomes and ecology of individual barn swallows. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	25
5	Cloacal microbiota of barn swallows from Northern Italy. <i>Ethology Ecology and Evolution</i> , 2018, 30, 362-372.	1.4	7
6	Post-Depositional Biodegradation Processes of Pollutants on Glacier Surfaces. <i>Condensed Matter</i> , 2018, 3, 24.	1.8	11
7	Bacterial communities of cryoconite holes of a temperate alpine glacier show both seasonal trends and year-to-year variability. <i>Annals of Glaciology</i> , 2018, 59, 1-9.	1.4	41
8	Ecological features of feather microbiota in breeding common swifts. <i>Ethology Ecology and Evolution</i> , 2018, 30, 569-581.	1.4	5
9	Airborne bacteria and persistent organic pollutants associated with an intense Saharan dust event in the Central Mediterranean. <i>Science of the Total Environment</i> , 2018, 645, 401-410.	8.0	38
10	Temporal variability of bacterial communities in cryoconite on an alpine glacier. <i>Environmental Microbiology Reports</i> , 2017, 9, 71-78.	2.4	21
11	Influence of seasonality, air mass origin and particulate matter chemical composition on airborne bacterial community structure in the Po Valley, Italy. <i>Science of the Total Environment</i> , 2017, 593-594, 677-687.	8.0	81
12	Diversity and Assembling Processes of Bacterial Communities in Cryoconite Holes of a Karakoram Glacier. <i>Microbial Ecology</i> , 2017, 73, 827-837.	2.8	28
13	Bacteria contribute to pesticide degradation in cryoconite holes in an Alpine glacier. <i>Environmental Pollution</i> , 2017, 230, 919-926.	7.5	29
14	Diversity and hydrocarbon-degrading potential of epiphytic microbial communities on <i>Platanus x acerifolia</i> leaves in an urban area. <i>Environmental Pollution</i> , 2017, 220, 650-658.	7.5	35
15	Potential sources of bacteria colonizing the cryoconite of an Alpine glacier. <i>PLoS ONE</i> , 2017, 12, e0174786.	2.5	41
16	Light-dependent microbial metabolisms drive carbon fluxes on glacier surfaces. <i>ISME Journal</i> , 2016, 10, 2984-2988.	9.8	47
17	Shift in microbial community structure of anaerobic side-stream reactor in response to changes to anaerobic solid retention time and sludge interchange ratio. <i>Bioresource Technology</i> , 2016, 221, 588-597.	9.6	35
18	Hydrocarbon degrading microbial communities in bench scale aerobic biobarriers for gasoline contaminated groundwater treatment. <i>Chemosphere</i> , 2015, 130, 34-39.	8.2	38

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19	Anodic and cathodic microbial communities in single chamber microbial fuel cells. <i>New Biotechnology</i> , 2015, 32, 79-84.	4.4	59
20	Effect of preservation method on the assessment of bacterial community structure in soil and water samples. <i>FEMS Microbiology Letters</i> , 2014, 356, 32-38.	1.8	50
21	Biosurfactant Use in Heavy Metal Removal from Industrial Effluents and Contaminated Sites. , 2014, , 361-370.		28
22	Temporal variability and effect of environmental variables on airborne bacterial communities in an urban area of Northern Italy. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 6561-6570.	3.6	165
23	Unravelling the bacterial diversity in the atmosphere. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4727-4736.	3.6	138
24	Persistence and degrading activity of free and immobilised allochthonous bacteria during bioremediation of hydrocarbon-contaminated soils. <i>Biodegradation</i> , 2013, 24, 1-11.	3.0	27
25	Bacterial DGGE fingerprints of biofilms on electrodes of membraneless microbial fuel cells. <i>International Biodeterioration and Biodegradation</i> , 2013, 84, 211-219.	3.9	55
26	Bacterial community structure on two alpine debris-covered glaciers and biogeography of <i>Polaromonas</i> phylotypes. <i>ISME Journal</i> , 2013, 7, 1483-1492.	9.8	63
27	Environmental fate, toxicity, characteristics and potential applications of novel bioemulsifiers produced by <i>Variovorax paradoxus</i> 7bCT5. <i>Bioresource Technology</i> , 2012, 108, 245-251.	9.6	59
28	Phylogenetic characterization of bioemulsifier-producing bacteria. <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 1095-1099.	3.9	14
29	Seasonal variability of bacteria in fine and coarse urban air particulate matter. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 745-753.	3.6	115
30	Microbial biosurfactants production, applications and future potential. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 427-444.	3.6	1,193
31	Biodegradation of N,N diethylaniline in a contaminated aquifer: laboratory- and field-scale evidences. <i>Biodegradation</i> , 2010, 21, 193-201.	3.0	1
32	Production and applications of trehalose lipid biosurfactants. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 617-627.	1.5	218
33	Influence of compost amendment on microbial community and ecotoxicity of hydrocarbon-contaminated soils. <i>Bioresource Technology</i> , 2010, 101, 568-575.	9.6	81
34	Response of methanotrophic activity and community structure to temperature changes in a diffusive CH ₄ /O ₂ counter gradient in an unsaturated porous medium. <i>FEMS Microbiology Ecology</i> , 2009, 69, 202-212.	2.7	35
35	Fungal communities in European alpine soils are not affected by short-term <i>in situ</i> simulated warming than bacterial communities. <i>Environmental Microbiology</i> , 0, , .	3.8	3