

# Giusy Lofrano

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1691997/publications.pdf>

Version: 2024-02-01

65  
papers

4,511  
citations

159525

30  
h-index

128225

60  
g-index

67  
all docs

67  
docs citations

67  
times ranked

6199  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of plant-based coagulants for turbidity and cyanobacteria blooms removal. <i>Environmental Science and Pollution Research</i> , 2022, 29, 42601-42615.	2.7	13
2	Multi-endpoint effects of derelict tubular mussel plastic nets on <i>Tigriopus fulvus</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 83554-83566.	2.7	2
3	Health Risk and Geochemical Assessment of Trace Elements in Surface Sediment along the Hooghly (Ganges) River Estuary (India). <i>Water (Switzerland)</i> , 2021, 13, 110.	1.2	16
4	Comparative toxicity of ionic and nanoparticulate zinc in the species <i>Cymodoce truncata</i> , <i>Gammarus aequicauda</i> and <i>Paracentrotus lividus</i> . <i>Environmental Science and Pollution Research</i> , 2021, 28, 42891-42900.	2.7	11
5	Photocatalytic ZnO-Assisted Degradation of Spiramycin in Urban Wastewater: Degradation Kinetics and Toxicity. <i>Water (Switzerland)</i> , 2021, 13, 1051.	1.2	6
6	Cerium, gadolinium, lanthanum, and neodymium effects in simplified acid mine discharges to <i>Raphidocelis subcapitata</i> , <i>Lepidium sativum</i> , and <i>Vicia faba</i> . <i>Science of the Total Environment</i> , 2021, 787, 147527.	3.9	8
7	Long-term multi-endpoint exposure of the microalga <i>Raphidocelis subcapitata</i> to lanthanum and cerium. <i>Science of the Total Environment</i> , 2021, 790, 148229.	3.9	15
8	Toxicity assessment of wastewater after advanced oxidation processes for emerging contaminants' degradation. , 2020, , 195-211.		3
9	Marine sediment toxicity: A focus on micro- and mesocosms towards remediation. <i>Science of the Total Environment</i> , 2020, 708, 134837.	3.9	14
10	Degradation of anionic azo dyes in aqueous solution using a continuous flow photocatalytic packed-bed reactor: Influence of water matrix and toxicity evaluation. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104549.	3.3	23
11	Fabrication, functionalization and performance of doped photocatalysts for dye degradation and mineralization: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 1825-1903.	8.3	49
12	Assessment of the relative sensitivity of the copepods <i>Acartia tonsa</i> and <i>Acartia clausi</i> exposed to sediment-derived elutriates from the Bagnoli-Coroglio industrial area. <i>Marine Environmental Research</i> , 2020, 155, 104878.	1.1	22
13	A Comparative Assessment of Analytical Fate and Transport Models of Organic Contaminants in Unsaturated Soils. <i>Sustainability</i> , 2020, 12, 2949.	1.6	15
14	Nonylphenol deca-ethoxylate removal from wastewater by UV/H <sub>2</sub> O <sub>2</sub> : Degradation kinetics and toxicity effects. <i>Chemical Engineering Research and Design</i> , 2019, 124, 1-7.	2.7	22
15	Opinion paper about organic trace pollutants in wastewater: Toxicity assessment in a European perspective. <i>Science of the Total Environment</i> , 2019, 651, 3202-3221.	3.9	57
16	A REVIEW ON OCCURRENCE, MEASUREMENT, TOXICITY AND TANNIN REMOVAL PROCESSES FROM WASTEWATERS. <i>Environmental Engineering and Management Journal</i> , 2019, 18, 109-123.	0.2	7
17	Municipal wastewater spiramycin removal by conventional treatments and heterogeneous photocatalysis. <i>Science of the Total Environment</i> , 2018, 624, 461-469.	3.9	47
18	Effects of ZnO nanoparticles in the Caspian roach ( <i>Rutilus rutilus caspicus</i> ). <i>Science of the Total Environment</i> , 2018, 626, 30-41.	3.9	46

#	ARTICLE	IF	CITATIONS
19	Simulating the fate of indigenous antibiotic resistant bacteria in a mild slope wastewater polluted stream. <i>Journal of Environmental Sciences</i> , 2018, 69, 95-104.	3.2	16
20	Toxicity assessment within the application of in situ contaminated sediment remediation technologies: A review. <i>Science of the Total Environment</i> , 2018, 621, 85-94.	3.9	48
21	Antibiotic effects on seed germination and root development of tomato ( <i>Solanum lycopersicum</i> L.). <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 135-141.	2.9	30
22	Biomonitoring of nutrient and toxic element concentrations in the Sarno River through aquatic plants. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 520-527.	2.9	29
23	Antibiotic contaminated water treated by photo driven advanced oxidation processes: Ultraviolet/H <sub>2</sub> O <sub>2</sub> vs ultraviolet/peracetic acid. <i>Journal of Cleaner Production</i> , 2018, 205, 67-75.	4.6	63
24	Crystal violet and toxicity removal by adsorption and simultaneous photocatalysis in a continuous flow micro-reactor. <i>Science of the Total Environment</i> , 2018, 644, 430-438.	3.9	49
25	Removal of divalent nickel from aqueous solutions using <i>Carissa carandas</i> and <i>Syzygium aromaticum</i> : isothermal studies and kinetic modelling. <i>Applied Water Science</i> , 2017, 7, 1855-1868.	2.8	5
26	Effects of nanoparticles in species of aquaculture interest. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17326-17346.	2.7	109
27	Ecotoxicological survey of MNEI and Y65R-MNEI proteins as new potential high-intensity sweeteners. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9734-9740.	2.7	7
28	In situ remediation of contaminated marinesediment: an overview. <i>Environmental Science and Pollution Research</i> , 2017, 24, 5189-5206.	2.7	77
29	Nano Based Photocatalytic Degradation of Pharmaceuticals. , 2017, , 221-238.		10
30	Advanced Oxidation Processes for Antibiotics Removal: A Review. <i>Current Organic Chemistry</i> , 2017, 21, 1054-1067.	0.9	75
31	Adsorptive Behaviour, Isothermal and Kinetic Modeling Studies in Removal of Copper, Nickel, Zinc and Lead from Aqueous Solutions using <i>Carissa carandas</i> and <i>Syzygium aromaticum</i> : A Comparative Analysis. <i>Asian Journal of Chemistry</i> , 2016, 28, 1903-1907.	0.1	2
32	Adsorptive behavior, isothermal studies and kinetic modeling involved in removal of divalent lead from aqueous solutions, using <i>Carissa carandas</i> and <i>Syzygium aromaticum</i> . <i>Cogent Environmental Science</i> , 2016, 2, 1218993.	1.6	1
33	A rainfall data analysis for the archeological drawing of the Augustan aqueduct route. <i>Journal of Cultural Heritage</i> , 2016, 19, 395-401.	1.5	3
34	Inactivation of <i>Escherichia coli</i> and <i>Enterococci</i> in urban wastewater by sunlight/PAA and sunlight/H <sub>2</sub> O <sub>2</sub> processes. <i>Chemical Engineering Research and Design</i> , 2016, 104, 178-184.	2.7	37
35	Emerging Concern from Short-Term Textile Leaching: A Preliminary Ecotoxicological Survey. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 646-652.	1.3	12
36	Characteristics and adsorption capacities of low-cost sorbents for wastewater treatment: A review. <i>Sustainable Materials and Technologies</i> , 2016, 9, 10-40.	1.7	932

#	ARTICLE	IF	CITATIONS
37	A comprehensive approach to winery wastewater treatment: a review of the state-of-the-art. <i>Desalination and Water Treatment</i> , 2016, 57, 3011-3028.	1.0	43
38	Polymer functionalized nanocomposites for metals removal from water and wastewater: An overview. <i>Water Research</i> , 2016, 92, 22-37.	5.3	289
39	Photocatalytic degradation of the antibiotic chloramphenicol and effluent toxicity effects. <i>Ecotoxicology and Environmental Safety</i> , 2016, 123, 65-71.	2.9	112
40	Metals and tributyltin sediment contamination along the Southeastern Tyrrhenian Sea coast. <i>Chemosphere</i> , 2016, 144, 399-407.	4.2	20
41	From the Middle Ages to 19th century: a journey into the water system of Palermo (Italy). <i>International Journal of Global Environmental Issues</i> , 2015, 14, 296.	0.1	0
42	Overview of Wastewater Management through the Ages. , 2015, , .		1
43	Which lesson can be learnt from a historical contamination analysis of the most polluted river in Europe?. <i>Science of the Total Environment</i> , 2015, 524-525, 246-259.	3.9	19
44	Preparation of activated carbon from Alligator weed ( <i>Alternanthera philoxeroids</i> ) and its application for tartrazine removal: Isotherm, kinetics and spectroscopic analysis. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 2560-2568.	3.3	46
45	CHAPTER 12. Heavy Metals in Tannery Wastewater and Sludge: Environmental Concerns and Future Challenges. , 2014, , 249-260.		2
46	An integrated chemical and ecotoxicological assessment for the photocatalytic degradation of vancomycin. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 1234-1242.	1.2	22
47	Biomass-derived biosorbents for metal ions sequestration: Adsorbent modification and activation methods and adsorbent regeneration. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 239-259.	3.3	395
48	Chemical and biological treatment technologies for leather tannery chemicals and wastewaters: A review. <i>Science of the Total Environment</i> , 2013, 461-462, 265-281.	3.9	393
49	Atrazine Removal in Municipal Secondary Effluents by Fenton and Photo-Fenton Treatments. <i>Chemical Engineering and Technology</i> , 2013, 36, 2155-2162.	0.9	26
50	Water Collection and Distribution Systems in the Palermo Plain during the Middle Ages. <i>Water (Switzerland)</i> , 2013, 5, 1662-1676.	1.2	16
51	Water Pathways Through the Ages: From Early Aqueducts to Next Generation of Wastewater Treatment Plants. , 2012, , 37-54.		1
52	Removal of Emerging Contaminants from Water and Wastewater by Adsorption Process. <i>Springer Briefs in Molecular Science</i> , 2012, , 15-37.	0.1	144
53	Wastewater management through the ages: A history of mankind. <i>Science of the Total Environment</i> , 2010, 408, 5254-5264.	3.9	194
54	Olive Mill and Winery Wastewaters Pre-Treatment by Coagulation with Chitosan. <i>Separation Science and Technology</i> , 2010, 45, 2447-2452.	1.3	35

#	ARTICLE	IF	CITATIONS
55	Fenton oxidation treatment of tannery wastewater and tanning agents: synthetic tannin and nonylphenol ethoxylate based degreasing agent. <i>Desalination and Water Treatment</i> , 2010, 23, 173-180.	1.0	35
56	Levels and toxicity of polycyclic aromatic hydrocarbons in marine sediments. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 653-664.	5.8	60
57	Advanced oxidation of catechol: A comparison among photocatalysis, Fenton and photo-Fenton processes. <i>Desalination</i> , 2009, 249, 878-883.	4.0	73
58	Pre-treatment of olive mill wastewater by chitosan coagulation and advanced oxidation processes. <i>Separation and Purification Technology</i> , 2008, 63, 648-653.	3.9	106
59	Characterization, Fluxes and Toxicity of Leather Tanning Bath Chemicals in a Large Tanning District Area (IT). <i>Water, Air and Soil Pollution</i> , 2008, 8, 529-542.	0.8	37
60	Sustainable wastewater management in developing countries: are constructed wetlands a feasible approach for wastewater reuse?. <i>International Journal of Environment and Pollution</i> , 2008, 33, 82.	0.2	7
61	Vegetable and synthetic tannins induce hormesis/toxicity in sea urchin early development and in algal growth. <i>Environmental Pollution</i> , 2007, 146, 46-54.	3.7	57
62	Fenton's oxidation of various-based tanning materials. <i>Desalination</i> , 2007, 211, 10-21.	4.0	46
63	Review on endocrine disrupting-emerging compounds in urban wastewater: occurrence and removal by photocatalysis and ultrasonic irradiation for wastewater reuse. <i>Desalination</i> , 2007, 215, 166-176.	4.0	239
64	Treatment of reactive dyes and textile finishing wastewater using Fenton's oxidation for reuse. <i>International Journal of Environment and Pollution</i> , 2005, 23, 248.	0.2	15
65	Optimization of analytical methods for the determination of DBPs: Application to drinking waters from Greece and Italy. <i>Desalination</i> , 2005, 176, 25-36.	4.0	22