Francesco Saliu

List of Publications by Year
in descending order

44 papers	1,080 citations	471509 17 h-index	414414 32 g-index
48 all docs	48 docs citations	48 times ranked	1189 citing authors

#	Article	IF	Citations
1	The release process of microfibers: from surgical face masks into the marine environment. Environmental Advances, 2021, 4, 100042.	4.8	175
2	Microplastic and charred microplastic in the Faafu Atoll, Maldives. Marine Pollution Bulletin, 2018, 136, 464-471.	5.0	103
3	Carbon dioxide colorimetric indicators for food packaging application: Applicability of anthocyanin and poly-lysine mixtures. Sensors and Actuators B: Chemical, 2018, 258, 1117-1124.	7.8	98
4	Microplastics as a threat to coral reef environments: Detection of phthalate esters in neuston and scleractinian corals from the Faafu Atoll, Maldives. Marine Pollution Bulletin, 2019, 142, 234-241.	5.0	73
5	Airborne and marine microplastics from an oceanographic survey at the Baltic Sea: An emerging role of air-sea interaction?. Science of the Total Environment, 2022, 824, 153709.	8.0	44
6	Evidence of microplastic ingestion by cultured European sea bass (Dicentrarchus labrax). Marine Pollution Bulletin, 2021, 168, 112450.	5.0	35
7	HPLCâ€“APCI-MS analysis of triacylglycerols (TAGs) in historical pharmaceutical ointments from the eighteenth century. Analytical and Bioanalytical Chemistry, 2011, 401, 1785-1800.	3.7	34
8	Spatial variability of phthalates contamination in the reef-building corals Porites lutea, Pocillopora verrucosa and Pavona varians. Marine Pollution Bulletin, 2020, 155, 111117.	5.0	34
9	Field Trial for Evaluating the Effects on Honeybees of Corn Sown Using CruiserÂ® and Celest xlÂ® Treated Seeds. Bulletin of Environmental Contamination and Toxicology, 2010, 85, 229-234.	2.7	32
10	Determination of phthalates in fish fillets by liquid chromatography tandem mass spectrometry (LC-MS/MS): A comparison of direct immersion solid phase microextraction (SPME) versus ultrasonic assisted solvent extraction (UASE). Chemosphere, 2020, 255, 127034.	8.2	29
11	Identification of triacylglycerols in archaelogical organic residues by coreâ€“shell reversed phase liquid chromatography coupled to electrospray ionization-quadrupole-time of flight mass spectrometry. Journal of Chromatography A, 2014, 1346, 78-87.	3.7	27
12	Microplastics from miscellaneous plastic wastes: Physico-chemical characterization and impact on fish and amphibian development. Ecotoxicology and Environmental Safety, 2021, 225, 112775.	6.0	26
13	A non-lethal SPME-LC/MS method for the analysis of plastic-associated contaminants in coral reef invertebrates. Analytical Methods, 2020, 12, 1935-1942.	2.7	25
14	Biocompatible solid-phase microextraction coupled to liquid chromatography triple quadrupole mass spectrometry analysis for the determination of phthalates in marine invertebrate. Journal of Chromatography A, 2020, 1618, 460852.	3.7	24
15	Organocatalyzed synthesis of ureas from amines and ethylene carbonate. Tetrahedron Letters, 2010, 51, 6301-6304.	1.4	23
16	Detection of plastic particles in marine sponges by a combined infrared micro-spectroscopy and pyrolysis-gas chromatography-mass spectrometry approach. Science of the Total Environment, 2022, 819, 152965.	8.0	22
17	Extraction of microplastic from marine sediments: A comparison between pressurized solvent extraction and density separation. Marine Pollution Bulletin, 2021, 168, 112436.	5.0	18
18	First detection of microplastics in reef-building corals from a Maldivian atoll. Marine Pollution Bulletin, 2022, 180, 113773.	5.0	18

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19	Horseradish peroxidase catalyzed oxidative cross-coupling reactions: the synthesis of â€˜unnaturalâ€™ dihydrobenzofuran lignans. Tetrahedron Letters, 2011, 52, 3856-3860.	1.4	17
20	Reaction products and mechanism of the regioselective oxidation of N-phenylmorpholine by ozone. Tetrahedron, 2012, 68, 8267-8275.	1.9	16
21	Lipid classes and fatty acids composition of the roe of wild Silurus glanis from subalpine freshwater. Food Chemistry, 2017, 232, 163-168.	8.2	16
22	Organic bases, carbon dioxide and naphthenic acids interactions. Effect on the stability of petroleum crude oil in water emulsions. Journal of Petroleum Science and Engineering, 2018, 163, 177-184.	4.2	16
23	Synthesis of 3-alkyloxazolidin-2,4-diones using 2-chloroacetamides, carbon dioxide and 1,8-diazabicyclo[5.4.0]undecene (DBU). Tetrahedron Letters, 2009, 50, 5123-5125.	1.4	14
24	In situ alcoholysis of triacylglycerols by application of switchable-polarity solvents. A new derivatization procedure for the gas-chromatographic analysis of vegetable oils. Analytical and Bioanalytical Chemistry, 2013, 405, 8677-8684.	3.7	14
25	A round robin exercise in archaeometry: analysis of a blind sample reproducing a seventeenth century pharmaceutical ointment. Analytical and Bioanalytical Chemistry, 2011, 401, 1847-1860.	3.7	13
26	Sphingoid esters from the molecular distillation of squid oil: A preliminary bioactivity determination. Food Chemistry, 2016, 201, 23-28.	8.2	13
27	Nitrogen-containing organobases as promoters in the cobalt(II)â€“Schiff base catalyzed oxidative carbonylation of amines. Tetrahedron Letters, 2012, 53, 3590-3593.	1.4	12
28	The Synthesis of Phthalic Anhydride via Ozonation of Naphthalene. Ozone: Science and Engineering, 2010, 32, 161-165.	2.5	9
29	N-Aryl Lactams by Regioselective Ozonation of N-Aryl Cyclic Amines. ISRN Organic Chemistry, 2012, 2012, 1-5.	1.0	9
30	Charred honeycombs discovered in Iron Age Northern Italy. A new light on boat beekeeping and bee pollination in pre-modern world. Journal of Archaeological Science, 2017, 83, 26-40.	2.4	9
31	Application of DNA mini-barcoding and infrared spectroscopy for the authentication of the Italian product â€œbottargaâ€: LWT - Food Science and Technology, 2021, 139, 110603.	5.2	9
32	Multiâ€analytical characterization of perigonadal fat in bluefin tuna: from waste to marine lipid source. Journal of the Science of Food and Agriculture, 2019, 99, 4571-4579.	3.5	8
33	Marine Fouling Characteristics of Biocomposites in a Coral Reef Ecosystem. Advanced Sustainable Systems, 2021, 5, 2100089.	5.3	8
34	An annual study on plastic accumulation in surface water and sediment cores from the coastline of Tenerife (Canary Island, Spain). Marine Pollution Bulletin, 2021, 173, 113072.	5.0	8
35	Functionalization of the Unactivated Carbon-Hydrogen Bond Via Ozonation. Ozone: Science and Engineering, 2008, 30, 165-171.	2.5	7
36	Application of a 1,1,3,3-tetramethylguanidine (TMG)/MeOH-CO2 in situ derivatization procedure for the gas chromatographic characterization of the fatty acid profile in olive oil. Analytical and Bioanalytical Chemistry, 2015, 407, 1801-1806.	3.7	7

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37	Evaluation of chitosan aggregates as pickering emulsifier for the remediation of marine sediments. Chemosphere, 2021, 273, 129733.	8.2	7
38	Phthalates bioconcentration in the soft corals: Inter- and intra- species differences and ecological aspects. Chemosphere, 2022, 297, 134247.	8.2	7
39	Facile Synthesis of 3-Alkyl-5-methyloxazolidine-2,4-diones and N-Lactoyl-N,Nâ€²-dialkylureas. Synthetic Communications, 2011, 41, 956-962.	2.1	5
40	Effects of stepped-combustion on fresh pollen grains: Morphoscopic, thermogravimetric, and chemical proxies for the interpretation of archeological charred assemblages. Review of Palaeobotany and Palynology, 2018, 259, 142-158.	1.5	5
41	Omega-3 rich oils from microalgae: A chitosan mediated in situ transesterification method. Food Chemistry, 2021, 337, 127745.	8.2	5
42	Stereoselective Addition of Grignard Reagents and Lithium Alkyls onto 3,5-Disubstituted-1,3-oxazolidine-2,4-diones. Synthetic Communications, 2013, 43, 749-757.	2.1	4
43	Podophyllotoxin and Antitumor Synthetic Aryltetralines. Toward a Biomimetic Preparation. , 2010, , .		1
44	Soft Ionization mass spectrometry of lipid residues in archaeological findings: ESI vs APCI. Journal of Physics: Conference Series, 2022, 2204, 012044.	0.4	0