

Santino Orecchio

List of Publications by Citations

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81
papers

1,943
citations

26
h-index

39
g-index

85
ext. papers

2,133
ext. citations

4.7
avg, IF

5.33
L-index

#	Paper	IF	Citations
81	Polycyclic aromatic hydrocarbons (PAHs) in indoor dust matter of Palermo (Italy) area: Extraction, GCMS analysis, distribution and sources. <i>Atmospheric Environment</i> , 2008 , 42, 1801-1817	5.3	145
80	Polycyclic aromatic hydrocarbons (PAHs) in coffee brew samples: analytical method by GC-MS, profile, levels and sources. <i>Food and Chemical Toxicology</i> , 2009 , 47, 819-26	4.7	89
79	Assessment of polycyclic aromatic hydrocarbons (PAHs) in soil of a Natural Reserve (Isola delle Femmine) (Italy) located in front of a plant for the production of cement. <i>Journal of Hazardous Materials</i> , 2010 , 173, 358-68	12.8	83
78	The PAH composition of surface sediments from Stagnone coastal lagoon, Marsala (Italy). <i>Marine Chemistry</i> , 2006 , 99, 117-127	3.7	80
77	Polycyclic aromatic hydrocarbons (PAHs) in indoor emission from decorative candles. <i>Atmospheric Environment</i> , 2011 , 45, 1888-1895	5.3	75
76	PAHs associated with the leaves of <i>Quercus ilex</i> L.: Extraction, GCMS analysis, distribution and sources Assessment of air quality in the Palermo (Italy) area. <i>Atmospheric Environment</i> , 2007 , 41, 8669-8680	5.3	75
75	The effect of montmorillonite clay in alginate gel beads for polychlorinated biphenyl adsorption: Isothermal and kinetic studies. <i>Applied Clay Science</i> , 2014 , 99, 220-228	5.2	67
74	Levels, fingerprint and daily intake of polycyclic aromatic hydrocarbons (PAHs) in bread baked using wood as fuel. <i>Journal of Hazardous Materials</i> , 2009 , 164, 876-83	12.8	66
73	Contamination from polycyclic aromatic hydrocarbons (PAHs) in the soil of a botanic garden localized next to a former manufacturing gas plant in Palermo (Italy). <i>Journal of Hazardous Materials</i> , 2010 , 180, 590-601	12.8	48
72	Neutral solar photo-Fenton degradation of 4-nitrophenol on iron-enriched hybrid montmorillonite-alginate beads (Fe-MABs). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014 , 282, 33-40	4.7	46
71	Platinum and rhodium associated with the leaves of <i>Nerium oleander</i> L.; analytical method using voltammetry; assessment of air quality in the Palermo (Italy) area. <i>Journal of Hazardous Materials</i> , 2010 , 174, 720-7	12.8	43
70	The distribution of phthalate esters in indoor dust of Palermo (Italy). <i>Environmental Geochemistry and Health</i> , 2013 , 35, 613-24	4.7	40
69	Enhancement of adsorption ability of calcium alginate gel beads towards Pd(II) ion. A kinetic and equilibrium study on hybrid Laponite and Montmorillonite/alginate gel beads. <i>Applied Clay Science</i> , 2015 , 118, 162-170	5.2	39
68	Absorption of polycyclic aromatic hydrocarbons by Pinus bark: analytical method and use for environmental pollution monitoring in the Palermo area (Sicily, Italy). <i>Environmental Research</i> , 2008 , 107, 371-9	7.9	38
67	Polycyclic Aromatic Hydrocarbons in Sediments of Marine Coastal Lagoons in Messina, Italy: Extraction and GC/MS Analysis, Distribution and Sources. <i>Polycyclic Aromatic Compounds</i> , 2004 , 24, 135-149	1.3	38
66	Determination of selected polyaromatic hydrocarbons by gas chromatography/mass spectrometry for the analysis of wood to establish the cause of sinking of an old vessel (Scauri wreck) by fire. <i>Microchemical Journal</i> , 2014 , 117, 116-121	4.8	37
65	Synthetic, structural and biochemical studies of polynuclear platinum(II) complexes with heterocyclic ligands. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 1041-8	6.8	36

64	How building an underwater pipeline connecting Libya to Sicilian coast is affecting environment: polycyclic aromatic hydrocarbons (PAHs) in sediments; monitoring the evolution of the shore approach area of the Gulf of Gela (Italy). <i>Journal of Hazardous Materials</i> , 2010 , 181, 647-58	12.8	36
63	Platinum levels in urban soils from Palermo (Italy); Analytical method using voltammetry. <i>Microchemical Journal</i> , 2011 , 99, 283-288	4.8	32
62	Facilitated Transport of Gold through a Membrane via Complexation to Thiourea-Based Reagents. <i>Separation Science and Technology</i> , 1996 , 31, 1597-1613	2.5	32
61	Fractionation of mercury in sediments during draining of Augusta (Italy) coastal area by modified Tessier method. <i>Microchemical Journal</i> , 2013 , 110, 452-457	4.8	30
60	Analytical method, pattern and sources of polycyclic aromatic hydrocarbons (PAHs) in the stone of the Temples of Agrigento (Italy). <i>Journal of Hazardous Materials</i> , 2010 , 176, 339-47	12.8	30
59	Mono- and polynuclear complexes of Pt(II) with polypyridyl ligands. Synthesis, spectroscopic and structural characterization and cytotoxic activity. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 1473-82	4.2	30
58	Synthesis, properties, antitumor and antibacterial activity of new Pt(II) and Pd(II) complexes with 2,2Sdithiobis(benzothiazole) ligand. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 2378-2386	3.4	28
57	Determination of trace elements in gluten-free food for celiac people by ICP-MS. <i>Microchemical Journal</i> , 2014 , 116, 163-172	4.8	28
56	Micro-determination of dithiocarbamates in pesticide formulations using voltammetry. <i>Microchemical Journal</i> , 2013 , 110, 334-339	4.8	26
55	Photodegradation of selected phthalates on mural painting surfaces under UV light irradiation. <i>Microchemical Journal</i> , 2014 , 114, 192-196	4.8	24
54	Discrimination of almonds (<i>Prunus dulcis</i>) geographical origin by minerals and fatty acids profiling. <i>Natural Product Research</i> , 2016 , 30, 2107-10	2.3	22
53	Wood pellets for home heating can be considered environmentally friendly fuels? Polycyclic aromatic hydrocarbons (PAHs) in their ashes. <i>Microchemical Journal</i> , 2016 , 124, 267-271	4.8	21
52	LEAVES OF NERIUM OLEANDER L. AS BIOACCUMULATORS OF POLYCYCLIC AROMATIC HYDROCARBONS (PAH) IN THE AIR OF PALERMO (ITALY): EXTRACTION AND GC-MS ANALYSIS, DISTRIBUTION AND SOURCES. <i>Polycyclic Aromatic Compounds</i> , 2005 , 25, 327-344	1.3	21
51	Metals distribution in the organic and inorganic fractions of soil: a case study on soils from Sicily. <i>Chemical Speciation and Bioavailability</i> , 2005 , 17, 83-93		20
50	Comparison of different methods for extraction of polycyclic aromatic hydrocarbons (PAHs) from Sicilian (Italy) coastal area sediments. <i>Environmental Monitoring and Assessment</i> , 2013 , 185, 5551-62	3.1	19
49	Polychlorinated Biphenyls in Sediments from Sicilian Coastal Area (Scoglitti) using Automated Soxhlet, GC-MS, and Principal Component Analysis. <i>Polycyclic Aromatic Compounds</i> , 2014 , 34, 237-262	1.3	19
48	Synthesis, structural characterisation and biological studies of new mononuclear platinum(II) complexes with sterically hindered heterocyclic ligands. <i>Inorganica Chimica Acta</i> , 2011 , 370, 207-214	2.7	19
47	Chemical characterization of ancient potteries from Himera and Pestavecchia necropolis (Sicily, Italy) by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES). <i>Microchemical Journal</i> , 2011 , 97, 165-172	4.8	19

46	Chemical speciation of polycyclic aromatic hydrocarbons in sediments: partitioning and extraction of humic substances. <i>Marine Pollution Bulletin</i> , 2010 , 60, 1175-81	6.7	19
45	Speciation of organotin compounds in NaCl aqueous solution: interaction of mono-, di- and tri-organotin(IV) cations with nucleotide 5' monophosphates. <i>Applied Organometallic Chemistry</i> , 2004 , 18, 653-661	3.1	19
44	Escherichia coli inactivation by neutral solar heterogeneous photo-Fenton (HPF) over hybrid iron/montmorillonite/alginate beads. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 317-324	6.8	18
43	Composition, Distribution, and Sources of Polycyclic Aromatic Hydrocarbons in Sediments of the Gulf of Milazzo (Mediterranean Sea, Italy). <i>Polycyclic Aromatic Compounds</i> , 2014 , 34, 397-424	1.3	18
42	Determination of selected phthalates by gas chromatography-mass spectrometry in mural paintings from Palermo (Italy). <i>Microchemical Journal</i> , 2014 , 114, 187-191	4.8	18
41	Microanalytical characterization of decorations in handmade ancient floor tiles using inductively coupled plasma optical emission spectrometry (ICP-OES). <i>Microchemical Journal</i> , 2013 , 108, 137-150	4.8	17
40	Volatile Profiles of Emissions from Different Activities Analyzed Using Canister Samplers and Gas Chromatography-Mass Spectrometry (GC/MS) Analysis: A Case Study. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6	17
39	THE PAH COMPOSITION IN LIMPETS (PATELLA VULGATA L.) FROM THE COASTS OF SICILY (ITALY). <i>Polycyclic Aromatic Compounds</i> , 2006 , 26, 37-57	1.3	17
38	Gas chromatography-mass spectrometry characterization of the varnish and glue of an ancient 18th century double bass. <i>Journal of Chromatography A</i> , 2007 , 1147, 206-12	4.5	16
37	The use of leaves of Rosmarinus officinalis L. as samplers for polycyclic aromatic hydrocarbons. Assessment of air quality in the area of Palermo. <i>Annali Di Chimica</i> , 2002 , 92, 837-45		16
36	Synthesis, structural characterization, anti-proliferative and antimicrobial activity of binuclear and mononuclear Pt(II) complexes with perfluoroalkyl-heterocyclic ligands. <i>Inorganica Chimica Acta</i> , 2018 , 483, 180-190	2.7	15
35	Voltammetric determination of platinum in perfusate and blood: Preliminary data on pharmacokinetic study of arterial infusion with oxaliplatin. <i>Microchemical Journal</i> , 2012 , 100, 72-76	4.8	15
34	Effect of solid waste landfill organic pollutants on groundwater in three areas of Sicily (Italy) characterized by different vulnerability. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 16869-16882	5.1	15
33	Photochemical sample treatment for extracts clean up in PCB analysis from sediments. <i>Talanta</i> , 2013 , 103, 349-54	6.2	15
32	II) Wood pellets for home heating can be considered environmentally friendly fuels? Heavy metals determination by inductively coupled plasma-optical emission spectrometry (ICP-OES) in their ashes and the health risk assessment for the operators. <i>Microchemical Journal</i> , 2016 , 127, 178-183	4.8	14
31	Synthesis, spectroscopic characterization and antiproliferative activity of two platinum(II) complexes containing N-donor heterocycles. <i>Inorganica Chimica Acta</i> , 2014 , 418, 112-118	2.7	14
30	Elemental contamination of an open-pit mining area in the Peruvian Andes. <i>International Journal of Environmental Science and Technology</i> , 2015 , 12, 1065-1074	3.3	13
29	The mapping of stress in the predominant plants in the city of Palermo by lead dosage. <i>Aerobiologia</i> , 2000 , 16, 47-54	2.4	13

28	Determination of Selected Phthalates by Gas Chromatography-Mass Spectrometry in Personal Perfumes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015 , 78, 1008-18	3.2	12
27	POLYCYCLIC AROMATIC HYDROCARBONS (PAH) IN VULCANO ISLAND (AEOLIAN ARCHIPELAGO) MUD UTILIZED FOR THERAPEUTIC PURPOSE. <i>Polycyclic Aromatic Compounds</i> , 2007 , 27, 281-294	1.3	12
26	Cross-Linked Imidazolium Salts as Scavengers for Palladium. <i>ChemPlusChem</i> , 2014 , 79, 421-426	2.8	10
25	Platinum and rhodium in wine samples by using voltammetric techniques. <i>Microchemical Journal</i> , 2017 , 130, 229-235	4.8	10
24	Microanalytical method for studying paintings by use of fluorescence spectroscopy combined with principal component analysis. <i>Microchemical Journal</i> , 2013 , 110, 407-416	4.8	9
23	Speciation of vanadium in urban, industrial and volcanic soils by a modified Tessier method. <i>Environmental Sciences: Processes and Impacts</i> , 2016 , 18, 323-9	4.3	8
22	Platinum in indoor settled dust matter (homes and cars). <i>Microchemical Journal</i> , 2015 , 123, 76-83	4.8	8
21	An analytical method for monitoring micro-traces of landfill leachate in groundwater using fluorescence excitation-emission matrix spectroscopy. <i>Analytical Methods</i> , 2016 , 8, 3475-3480	3.2	8
20	Preliminary study on analysis and removal of wax from a Carrara marble statue. <i>Natural Product Research</i> , 2019 , 33, 947-955	2.3	8
19	Assessment of quality of air in Palermo by chemical (ICP-OES) and cytological analyses on leaves of <i>Eucalyptus camaldulensis</i> . <i>Environmental Science and Pollution Research</i> , 2015 , 22, 1891-905	5.1	7
18	Speciation studies of iron in ancient pots from Sicily (Italy). <i>Microchemical Journal</i> , 2011 , 99, 132-137	4.8	7
17	D-Glucuronate complexes of mono-, di- and triorgano tin(IV) compounds: potentiometric and Mössbauer spectroscopic investigations. <i>Applied Organometallic Chemistry</i> , 2002 , 16, 294-301	3.1	7
16	Chemical characterization of ancient liturgical vestment (chasuble) by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES). <i>Microchemical Journal</i> , 2016 , 129, 305-309	4.8	6
15	Fatty Acid Composition of Gluten-Free Food (Bakery Products) for Celiac People. <i>Foods</i> , 2018 , 7,	4.9	6
14	Photochemical sample treatment: a greener approach to chlorobenzene determination in sediments. <i>Talanta</i> , 2014 , 129, 263-9	6.2	6
13	Vanadium and molybdenum concentrations in particulate from Palermo (Italy): analytical methods using voltammetry. <i>Frontiers of Environmental Science and Engineering</i> , 2015 , 9, 605-614	5.8	5
12	Platinum and Rhodium in Potato Samples by Using Voltammetric Techniques. <i>Foods</i> , 2019 , 8,	4.9	4
11	A novel thermodynamic approach for the complexation study of toxic metal cations by a landfill leachate. <i>New Journal of Chemistry</i> , 2018 , 42, 7640-7648	3.6	4

10	Profiles and Sources of PAHs in Sediments from an Open-Pit Mining Area in the Peruvian Andes. <i>Polycyclic Aromatic Compounds</i> , 2016 , 36, 429-451	1.3	4
9	Stress-induced cytological and chemical adaptations in Cupressus plants from an urban area of Palermo (Italy). <i>Acta Botanica Gallica</i> , 2004 , 151, 265-283		3
8	Secondary stress in several edible citrus cultivars caused by heavymetal air pollution. <i>Aerobiologia</i> , 2000 , 16, 137-142	2.4	3
7	Redox potentials of vanadium-containing couples. Part 3. The formal redox potential of the V ³⁺ /V ²⁺ couple. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993 , 799-802		3
6	Analysis of Contaminants in Beverages 2019 , 225-258		1
5	Recovery and Reutilization of Waste Matter from Coffee Preparation. An Experiment for Environmental Science Courses. <i>Journal of Chemical Education</i> , 2001 , 78, 1669	2.4	1
4	Polycyclic aromatic hydrocarbon (PAHS) degradation by soil microorganisms. <i>Annali Di Chimica</i> , 2002 , 92, 931-6		1
3	Voltammetric Analysis of Platinum in Environmental Matrices. <i>Environmental Science and Engineering</i> , 2015 , 79-96	0.2	
2	Protonation and complex formation of 5-sulfosalicylate in NaCl, CaCl ₂ and MgCl ₂ aqueous media. Speciation in synthetic seawater. <i>Annali Di Chimica</i> , 2002 , 92, 551-62		
1	Quantification of Platinum in Edible Mushrooms Using Voltammetric Techniques. <i>Pollutants</i> , 2021 , 1, 270-277		