

# Santino Orecchio

## List of Publications by Year in descending order

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82  
papers

2,387  
citations

172386

29  
h-index

233338

45  
g-index

85  
all docs

85  
docs citations

85  
times ranked

2852  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polycyclic aromatic hydrocarbons (PAHs) in indoor dust matter of Palermo (Italy) area: Extraction, GC-MS analysis, distribution and sources. <i>Atmospheric Environment</i> , 2008, 42, 1801-1817.	1.9	169
2	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, 819-826.	1.8	104
3	Assessment of polycyclic aromatic hydrocarbons (PAHs) in soil of a Natural Reserve (Isola delle Tj ETQq1 1 0.784314 rgBT /Overlock Materials, 2010, 173, 358-368.	6.5	95
4	Polycyclic aromatic hydrocarbons (PAHs) in indoor emission from decorative candles. <i>Atmospheric Environment</i> , 2011, 45, 1888-1895.	1.9	94
5	The PAH composition of surface sediments from Stagnone coastal lagoon, Marsala (Italy). <i>Marine Chemistry</i> , 2006, 99, 117-127.	0.9	90
6	PAHs associated with the leaves of <i>Quercus ilex</i> L.: Extraction, GC-MS analysis, distribution and sources Assessment of air quality in the Palermo (Italy) area. <i>Atmospheric Environment</i> , 2007, 41, 8669-8680.	1.9	86
7	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, 876-883.	6.5	82
8	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.	2.6	82
9	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.	6.5	61
10	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.	2.0	57
11	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, 720-727.	6.5	48
12	The distribution of phthalate esters in indoor dust of Palermo (Italy). <i>Environmental Geochemistry and Health</i> , 2013, 35, 613-624.	1.8	47
13	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.	1.4	46
14	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.	2.6	45
15	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, 371-379.	3.7	44
16	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.	2.3	44
17	Synthetic, structural and biochemical studies of polynuclear platinum(II) complexes with heterocyclic ligands. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1041-1048.	2.6	39
18	Fractionation of mercury in sediments during draining of Augusta (Italy) coastal area by modified Tessier method. <i>Microchemical Journal</i> , 2013, 110, 452-457.	2.3	39

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19	Facilitated Transport of Gold through a Membrane via Complexation to Thiourea-Based Reagents. Separation Science and Technology, 1996, 31, 1597-1613.	1.3	38
20	Platinum levels in urban soils from Palermo (Italy); Analytical method using voltammetry. Microchemical Journal, 2011, 99, 283-288.	2.3	38
21	Determination of trace elements in gluten-free food for celiac people by ICP-MS. Microchemical Journal, 2014, 116, 163-172.	2.3	38
22	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). Journal of Hazardous Materials, 2010, 181, 647-658.	6.5	37
23	Analytical method, pattern and sources of polycyclic aromatic hydrocarbons (PAHs) in the stone of the Temples of Agrigento (Italy). Journal of Hazardous Materials, 2010, 176, 339-347.	6.5	36
24	Synthesis, properties, antitumor and antibacterial activity of new Pt(II) and Pd(II) complexes with 2,2'-dithiobis(benzothiazole) ligand. Bioorganic and Medicinal Chemistry, 2017, 25, 2378-2386.	1.4	36
25	Photodegradation of selected phthalates on mural painting surfaces under UV light irradiation. Microchemical Journal, 2014, 114, 192-196.	2.3	34
26	Metals distribution in the organic and inorganic fractions of soil: a case study on soils from Sicily. Chemical Speciation and Bioavailability, 2005, 17, 83-93.	2.0	32
27	Mono- and polynuclear complexes of Pt(II) with polypyridyl ligands Synthesis, spectroscopic and structural characterization and cytotoxic activity. Journal of Inorganic Biochemistry, 2007, 101, 1473-1482.	1.5	32
28	Discrimination of almonds ( <i>Prunus dulcis</i> ) geographical origin by minerals and fatty acids profiling. Natural Product Research, 2016, 30, 2107-2110.	1.0	32
29	Volatile Profiles of Emissions from Different Activities Analyzed Using Canister Samplers and Gas Chromatography-Mass Spectrometry (GC/MS) Analysis: A Case Study. International Journal of Environmental Research and Public Health, 2017, 14, 195.	1.2	32
30	Micro-determination of dithiocarbamates in pesticide formulations using voltammetry. Microchemical Journal, 2013, 110, 334-339.	2.3	30
31	Wood pellets for home heating can be considered environmentally friendly fuels? Polycyclic aromatic hydrocarbons (PAHs) in their ashes. Microchemical Journal, 2016, 124, 267-271.	2.3	29
32	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. Polycyclic Aromatic Compounds, 2005, 25, 327-344.	1.4	27
33	Polychlorinated Biphenyls in Sediments from Sicilian Coastal Area (Scoglitti) using Automated Soxhlet, GC-MS, and Principal Component Analysis. Polycyclic Aromatic Compounds, 2014, 34, 237-262.	1.4	27
34	Composition, Distribution, and Sources of Polycyclic Aromatic Hydrocarbons in Sediments of the Gulf of Milazzo (Mediterranean Sea, Italy). Polycyclic Aromatic Compounds, 2014, 34, 397-424.	1.4	27
35	Determination of selected phthalates by gas chromatography-mass spectrometry in mural paintings from Palermo (Italy). Microchemical Journal, 2014, 114, 187-191.	2.3	26
36	Photochemical sample treatment for extracts clean up in PCB analysis from sediments. Talanta, 2013, 103, 349-354.	2.9	23

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37	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.	2.3	22
38	Chemical speciation of polycyclic aromatic hydrocarbons in sediments: Partitioning and extraction of humic substances. <i>Marine Pollution Bulletin</i> , 2010, 60, 1175-1181.	2.3	21
39	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.	1.2	21
40	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, 5551-5562.	1.3	21
41	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, 1008-1018.	1.1	21
42	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.	2.3	21
43	THE PAH COMPOSITION IN LIMPETS ( <i>PATELLA VULGATA</i> L.) FROM THE COASTS OF SICILY (ITALY). <i>Polycyclic Aromatic Compounds</i> , 2006, 26, 37-57.	1.4	20
44	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, 206-212.	1.8	20
45	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.	2.3	20
46	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.	2.7	20
47	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.	1.7	19
48	Synthesis, spectroscopic characterization and antiproliferative activity of two platinum(II) complexes containing N-donor heterocycles. <i>Inorganica Chimica Acta</i> , 2014, 418, 112-118.	1.2	19
49	<i>Escherichia coli</i> 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.	3.3	19
50	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.	2.3	17
51	Platinum and rhodium in wine samples by using voltammetric techniques. <i>Microchemical Journal</i> , 2017, 130, 229-235.	2.3	17
52	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.	1.2	17
53	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.	1.8	16
54	The use of leaves of <i>Rosmarinus officinalis</i> 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.	0.6	16

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55	The mapping of stress in the predominant plants in the city of Palermo by lead dosage. <i>Aerobiologia</i> , 2000, 16, 47-54.	0.7	15
56	POLYCYCLIC AROMATIC HYDROCARBONS (PAH) IN VULCANO ISLAND (AEOLIAN ARCHIPELAGO) MUD UTILIZED FOR THERAPEUTIC PURPOSE. <i>Polycyclic Aromatic Compounds</i> , 2007, 27, 281-294.	1.4	12
57	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.	1.4	12
58	Preliminary study on analysis and removal of wax from a Carrara marble statue. <i>Natural Product Research</i> , 2019, 33, 947-955.	1.0	12
59	Cross-Linked Imidazolium Salts as Scavengers for Palladium. <i>ChemPlusChem</i> , 2014, 79, 421-426.	1.3	11
60	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.	1.3	11
61	Fatty Acid Composition of Gluten-Free Food (Bakery Products) for Celiac People. <i>Foods</i> , 2018, 7, 95.	1.9	11
62	Speciation of vanadium in urban, industrial and volcanic soils by a modified Tessier method. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 323-329.	1.7	10
63	Speciation studies of iron in ancient pots from Sicily (Italy). <i>Microchemical Journal</i> , 2011, 99, 132-137.	2.3	9
64	Microanalytical method for studying paintings by use of fluorescence spectroscopy combined with principal component analysis. <i>Microchemical Journal</i> , 2013, 110, 407-416.	2.3	9
65	Platinum in indoor settled dust matter (homes and cars). <i>Microchemical Journal</i> , 2015, 123, 76-83.	2.3	9
66	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.	1.7	8
67	Photochemical sample treatment: A greener approach to chlorobenzene determination in sediments. <i>Talanta</i> , 2014, 129, 263-269.	2.9	8
68	Chemical characterization of ancient liturgical vestment (chasuble) by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES). <i>Microchemical Journal</i> , 2016, 129, 305-309.	2.3	8
69	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, 1891-1905.	2.7	7
70	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.	1.4	7
71	Platinum and Rhodium in Potato Samples by Using Voltammetric Techniques. <i>Foods</i> , 2019, 8, 59.	1.9	7
72	Redox potentials of vanadium-containing couples. Part 3. The formal redox potential of the V <sup>3+</sup> /V <sup>2+</sup> couple. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 799-802.	1.1	5

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73	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.	3.3	5
74	Secondary stress in several edible citrus cultivars caused by heavymetal air pollution. <i>Aerobiologia</i> , 2000, 16, 137-142.	0.7	4
75	Stress-induced cytological and chemical adaptations in <i>Cupressus</i> plants from an urban area of Palermo (Italy). <i>Acta Botanica Gallica</i> , 2004, 151, 265-283.	0.9	4
76	Analysis of Contaminants in Beverages. , 2019, , 225-258.		3
77	Recovery and Reutilization of Waste Matter from Coffee Preparation. An Experiment for Environmental Science Courses. <i>Journal of Chemical Education</i> , 2001, 78, 1669.	1.1	1
78	Mononuclear Perfluoroalkyl-Heterocyclic Complexes of Pd(II): Synthesis, Structural Characterization and Antimicrobial Activity. <i>Molecules</i> , 2020, 25, 4487.	1.7	1
79	Voltammetric Analysis of Platinum in Environmental Matrices. <i>Environmental Science and Engineering</i> , 2015, , 79-96.	0.1	1
80	Protonation and complex formation of 5-sulfosalicylate in NaCl, CaCl <sub>2</sub> and MgCl <sub>2</sub> aqueous media. Speciation in synthetic seawater. <i>Annali Di Chimica</i> , 2002, 92, 551-62.	0.6	1
81	Polycyclic aromatic hydrocarbon (PAHS) degradation by soil microorganisms. <i>Annali Di Chimica</i> , 2002, 92, 931-6.	0.6	1
82	Quantification of Platinum in Edible Mushrooms Using Voltammetric Techniques. <i>Pollutants</i> , 2021, 1, 270-277.	1.0	1