

Alessandro Buccolieri

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6538633/publications.pdf>

Version: 2024-02-01

68
papers

1,858
citations

393982

19
h-index

276539

41
g-index

70
all docs

70
docs citations

70
times ranked

2784
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy metals in marine sediments of Taranto Gulf (Ionian Sea, Southern Italy). <i>Marine Chemistry</i> , 2006, 99, 227-235.	0.9	329
2	Organic pollutants (PAHs, PCBs) in sediments from the Mar Piccolo in Taranto (Ionian Sea, Southern) <i>Tj ETQq0 0 0 rggBT /Overlock 10 Tf</i>	2.3	178
3	Characterisation of the geographical origin of buffalo milk and mozzarella cheese by means of analytical and spectroscopic determinations. <i>Food Chemistry</i> , 2005, 89, 139-147.	4.2	126
4	Green synthesis of silver nanoparticles with sucrose and maltose: Morphological and structural characterization. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 344-350.	1.5	118
5	Discrimination between Southern Italy and foreign milk samples using spectroscopic and analytical data. <i>Food Chemistry</i> , 2009, 114, 1559-1563.	4.2	88
6	Green synthesis of sucralose-capped silver nanoparticles for fast colorimetric triethylamine detection. <i>Sensors and Actuators B: Chemical</i> , 2013, 178, 1-9.	4.0	88
7	Geographical origin and breed discrimination of Apulian lamb meat samples by means of analytical and spectroscopic determinations. <i>Meat Science</i> , 2005, 71, 542-548.	2.7	64
8	Response of the carotenoidless mutant <i>Rhodobacter sphaeroides</i> growing cells to cobalt and nickel exposure. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 948-957.	1.9	58
9	Non-functionalized silver nanoparticles for a localized surface plasmon resonance-based glucose sensor. <i>Nanotechnology</i> , 2009, 20, 165501.	1.3	56
10	Levels of metals in reared mussels from Taranto Gulf (Ionian Sea, Southern Italy). <i>Food Chemistry</i> , 2008, 107, 890-896.	4.2	45
11	Monitoring of total and bioavailable heavy metals concentration in agricultural soils. <i>Environmental Monitoring and Assessment</i> , 2010, 168, 547-560.	1.3	42
12	Enhanced electrical conductivity of collagen films through long-range aligned iron oxide nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2017, 501, 185-191.	5.0	40
13	Testing the Photosynthetic Bacterium <i>Rhodobacter Sphaeroides</i> as Heavy Metal Removal Tool. <i>Annali Di Chimica</i> , 2006, 96, 195-203.	0.6	39
14	Copper and ceruloplasmin dyshomeostasis in serum and cerebrospinal fluid of multiple sclerosis subjects. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1828-1838.	1.8	30
15	Laser cleaning of a bronze bell. <i>Applied Surface Science</i> , 2013, 272, 55-58.	3.1	28
16	Sub-nanomolar detection of biogenic amines by SERS effect induced by hairy Janus silver nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2018, 267, 265-271.	4.0	25
17	Heavy Metals in Marine Sediments from the Mar Piccolo of Taranto (Ionian Sea, Southern Italy). <i>Annali Di Chimica</i> , 2006, 96, 727-741.	0.6	22
18	Portable EDXRF investigation of the patinas on the Riace Bronzes. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 343, 101-109.	0.6	20

#	ARTICLE	IF	CITATIONS
19	Structural and spectroscopic investigations on graphene oxide foils irradiated by ion beams for dosimetry application. <i>Vacuum</i> , 2021, 188, 110185.	1.6	20
20	A silver nanoparticle-poly(methyl methacrylate) based colorimetric sensor for the detection of hydrogen peroxide. <i>Heliyon</i> , 2019, 5, e02887.	1.4	19
21	Methodological approach for metal pollution evaluation in sediments collected from the Taranto Gulf. <i>Toxicological and Environmental Chemistry</i> , 2009, 91, 1273-1290.	0.6	18
22	Distribution and Speciation of Metals in Surface Sediments of Taranto Gulf (Ionian Sea, Southern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	17
23	Particulate matter characterization at a coastal site in south-eastern Italy. <i>Journal of Environmental Monitoring</i> , 2006, 8, 183-190.	2.1	17
24	Colloidal solution of silver nanoparticles for label-free colorimetric sensing of ammonia in aqueous solutions. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 499-507.	1.5	17
25	Distribution and Occurrence of Polycyclic Aromatic Hydrocarbons (PAHs) in Sediments from the Mar Grande and Gulf of Taranto (Ionian Sea, Southern Italy). <i>Annali Di Chimica</i> , 2006, 96, 51-64.	0.6	16
26	SERS based optical sensor to detect prion protein in neurodegenerate living cells. <i>Sensors and Actuators B: Chemical</i> , 2011, 156, 479-485.	4.0	16
27	A simple approach to synthesize folic acid decorated magnetite@SiO ₂ nanostructures for hyperthermia applications. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7547-7556.	2.9	16
28	Synthesis and Characterization of Mixed Iron-Manganese Oxide Nanoparticles and Their Application for Efficient Nickel Ion Removal from Aqueous Samples. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-9.	0.7	15
29	Synthesis and <i>in vitro</i> Cytotoxicity of Glycans-Capped Silver Nanoparticles. <i>Nanomaterials and Nanotechnology</i> , 2011, 1, 10.	1.2	14
30	High ordered biomineralization induced by carbon nanoparticles in the sea urchin <i>Paracentrotus lividus</i> . <i>Nanotechnology</i> , 2012, 23, 495104.	1.3	14
31	Controlled synthesis and chain-like self-assembly of silver nanoparticles through tertiary amine. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 417, 10-17.	2.3	14
32	EDXRF analysis of gold jewelry from the Archaeological Museum of Taranto, Italy. <i>X-Ray Spectrometry</i> , 2017, 46, 421-426.	0.9	14
33	From GO to rGO: An analysis of the progressive rippling induced by energetic ion irradiation. <i>Applied Surface Science</i> , 2022, 586, 152789.	3.1	14
34	Role of the Cellular Prion Protein in the Neuron Adaptation Strategy to Copper Deficiency. <i>Cellular and Molecular Neurobiology</i> , 2012, 32, 989-1001.	1.7	13
35	Silver and carbon nanoparticles toxicity in sea urchin <i>Paracentrotus lividus</i> embryos. <i>BioNanoMaterials</i> , 2013, 14, .	1.4	13
36	Cytotoxicity of ¹²⁵ I-D-glucose coated silver nanoparticles on human lymphocytes. <i>AIP Conference Proceedings</i> , 2014, , .	0.3	13

#	ARTICLE	IF	CITATIONS
37	Investigations of byzantine wall paintings in the abbey of Santa Maria di Cerrate (Italy) in view of their restoration. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118557.	2.0	12
38	Assembly of hybrid silver-titania thin films for gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 794-799.	4.0	11
39	Shape-dependent plasmon resonances of Ag nanostructures. <i>Superlattices and Microstructures</i> , 2010, 47, 66-71.	1.4	11
40	Solid-to-solid phase transformations of nanostructured selenium-tin thin films induced by thermal annealing in oxygen atmosphere. , 2014, , .		11
41	Natural Sources and Heavy Metals. <i>Annali Di Chimica</i> , 2006, 96, 167-181.	0.6	10
42	Self-assembling of micro-patterned titanium oxide films for gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2009, 140, 563-567.	4.0	9
43	Nanographite assembled films for sensitive NO ₂ detection. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 359-365.	4.0	9
44	Ethane-Bridged Bisporphyrin Conformational Changes As an Effective Analytical Tool for Nonenzymatic Detection of Urea in the Physiological Range. <i>Analytical Chemistry</i> , 2018, 90, 6952-6958.	3.2	9
45	Copper Dependent Modulation of β -Synuclein Phosphorylation in Differentiated SHSY5Y Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2038.	1.8	9
46	Stress response induced by carbon nanoparticles in <i>Paracentrotus lividus</i> . <i>International Journal of Molecular and Cellular Medicine</i> , 2012, 1, 30-8.	1.1	9
47	PM-10 and Heavy Metals in Particulate Matter of the Province of Lecce (Apulia, Southern Italy). <i>Annali Di Chimica</i> , 2005, 95, 15-25.	0.6	8
48	Laser ablation threshold of cultural heritage metals. <i>Radiation Effects and Defects in Solids</i> , 2008, 163, 325-329.	0.4	8
49	Calcite-forming <i>Bacillus licheniformis</i> Thriving on Underwater Speleothems of a Hydrothermal Cave. <i>Geomicrobiology Journal</i> , 2018, 35, 804-817.	1.0	8
50	Non-invasive in-situ analysis of a wreath of gold leaves from the National Archaeological Museum of Taranto, Italy. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 126, 164-167.	2.5	8
51	Chemotrophic profiling of prokaryotic communities thriving on organic and mineral nutrients in a submerged coastal cave. <i>Science of the Total Environment</i> , 2021, 755, 142514.	3.9	7
52	Experimental results of UV laser cleaning on a silver Carlino coin. <i>Radiation Effects and Defects in Solids</i> , 2010, 165, 643-651.	0.4	5
53	Highly sensitive conformational switching of ethane-bridged mono-zinc bis-porphyrin as an application tool for rapid monitoring of aqueous ammonia and acetone. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 685-691.	4.0	5
54	Selective laser cleaning of chlorine on ancient coins. , 2006, 6346, 966.		4

#	ARTICLE	IF	CITATIONS
55	Analysis of selective laser cleaning of <i>patina</i> on bronze coins. Journal of Physics: Conference Series, 2014, 508, 012032.	0.3	4
56	The tale of Henry VII: a multidisciplinary approach to determining the post-mortem practice. Archaeological and Anthropological Sciences, 2017, 9, 1215-1222.	0.7	3
57	Design and Synthesis of Iron-Doped Nanostructured TiO ₂ and Its Potential Use in the Photodegradation of Hazardous Materials Present in Personal Care Products. ChemistrySelect, 2017, 2, 5095-5099.	0.7	3
58	Photochromic properties in silver-doped titania nanoparticles. Materials Research Express, 2019, 6, 036206.	0.8	3
59	Archaeometric analysis of patinas of the outdoor copper statue Sant'Oronzo (Lecce, Italy) preparatory to the restoration. Microchemical Journal, 2020, 154, 104538.	2.3	3
60	Non-destructive techniques used during the restoration of the relief "Madonna and Child" by Jacopo Sansovino. Applied Physics A: Materials Science and Processing, 2015, 120, 447-453.	1.1	2
61	ED-XRF analysis of the mediaeval copper-based door in Monte Sant'Angelo (Southern Italy). Archaeological and Anthropological Sciences, 2021, 13, 1.	0.7	2
62	Diagnostic investigation to support the restoration of the polychrome terracotta relief "Madonna and Child" in Piove di Sacco (Padova, Italy). Journal of Cultural Heritage, 2022, 53, 80-87.	1.5	2
63	Heavy Metals in PM10 Sampled in the Urban Area of Campi Salentina (Apulia, Southern Italy). Annali Di Chimica, 2006, 96, 147-157.	0.6	1
64	Non-Destructive In Situ Investigation of the Study of a Medieval Copper Alloy Door in Canosa di Puglia (Southern Italy). Heritage, 2022, 5, 145-156.	0.9	1
65	Underground Waters Quality in the Province of Lecce (Apulia, Southern Italy). Annali Di Chimica, 2005, 95, 227-237.	0.6	0
66	Laser ablation threshold of cultural heritage metals. , 2007, , .		0
67	Plasmonic Light Trapping in Titania-Silver Dots Thin Films. Physica Status Solidi (B): Basic Research, 2020, 257, 2070035.	0.7	0
68	Plasmonic Light Trapping in Titania-Silver Dots Thin Films. Physica Status Solidi (B): Basic Research, 2020, 257, 2000124.	0.7	0