

# Francesco Armetta

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

272  
citations

840776

11  
h-index

940533

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle size-related limitations of persistent phosphors based on the doped Y <sub>3</sub> Al <sub>2</sub> Ga <sub>3</sub> O <sub>12</sub> system. <i>Scientific Reports</i> , 2021, 11, 141.	3.3	28
2	Silver nanoparticles stabilized by a polyaminocyclodextrin as catalysts for the reduction of nitroaromatic compounds. <i>Journal of Molecular Catalysis A</i> , 2015, 408, 250-261.	4.8	23
3	Effect of halloysite nanotubes filler on polydopamine properties. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 394-402.	9.4	22
4	Catalytic and photocatalytic epoxidation of limonene: Using mesoporous silica nanoparticles as functional support for a Janus-like approach. <i>Journal of Catalysis</i> , 2020, 391, 202-211.	6.2	22
5	Formulation of Mesoporous Silica Nanoparticles for Controlled Release of Antimicrobials for Stone Preventive Conservation. <i>Frontiers in Chemistry</i> , 2020, 8, 699.	3.6	21
6	A multivariate approach to the study of orichalcum ingots from the underwater Gela's archaeological site. <i>Microchemical Journal</i> , 2017, 135, 163-170.	4.5	20
7	Chromium liquid waste inertization in an inorganic alkali activated matrix: Leaching and NMR multinuclear approach. <i>Journal of Hazardous Materials</i> , 2015, 286, 474-483.	12.4	19
8	Application of Gas Chromatography coupled with Mass Spectroscopy (GC/MS) to the analysis of archeological ceramic amphorae belonging to the Carthaginian fleet that was defeated in the Egadi battle (241 B.C.). <i>Acta IMEKO</i> (2012), 2017, 6, 67.	0.7	17
9	Non-conventional Ce:YAG nanostructures via urea complexes. <i>Scientific Reports</i> , 2019, 9, 3368.	3.3	16
10	Preparation and characterisation of Ce:YAG -polycarbonate composites for white LED. <i>Journal of Alloys and Compounds</i> , 2016, 664, 726-731.	5.5	15
11	Influence of the Ce:YAG Amount on Structure and Optical Properties of Ce:YAG-PMMA Composites for White LED. <i>Zeitschrift Fur Physikalische Chemie</i> , 2016, 230, 1219-1231.	2.8	11
12	Synthesis of yttrium aluminum garnet nanoparticles in confined environment II: Role of the thermal treatment on the composition and microstructural evolution. <i>Journal of Alloys and Compounds</i> , 2017, 719, 264-270.	5.5	11
13	Microstructure and phase composition of bronze Montefortino helmets discovered Mediterranean seabed to explain an unusual corrosion. <i>Scientific Reports</i> , 2021, 11, 23022.	3.3	9
14	Functionalization of mesoporous silica nanoparticles through one-pot co-condensation in w/o emulsion. <i>Microporous and Mesoporous Materials</i> , 2022, 335, 111833.	4.4	9
15	Synthesis of yttrium aluminum garnet nanoparticles in confined environment III: Cerium doping effect. <i>Optical Materials</i> , 2018, 85, 275-280.	3.6	8
16	Conservation state of two paintings in the Santa Margherita cliff cave: role of the environment and of the microbial community. <i>Environmental Science and Pollution Research</i> , 2022, 29, 29510-29523.	5.3	6
17	Synthesis of yttrium aluminum garnet nanoparticles in confined environment, and their characterization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 511, 82-90.	4.7	3
18	Effectiveness of some protective and self-cleaning treatments: a challenge for the conservation of temple G stone in Selinunte. <i>Progress in Organic Coatings</i> , 2021, 151, 106020.	3.9	3

#	ARTICLE	IF	CITATIONS
19	Organic-inorganic materials through first simultaneous frontal polymerization and frontal geopolymerization. <i>Materials Letters</i> , 2021, 295, 129808.	2.6	3
20	Influence of cerium content and heat treatment on Ce:YAG@glass wool nanostructures. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	2
21	Sicilian Byzantine Icons through the Use of Non-Invasive Imaging Techniques and Optical Spectroscopy: The Case of the Madonna dell'Elemosina. <i>Molecules</i> , 2021, 26, 7595.	3.8	2
22	Newly discovered orichalcum ingots from Mediterranean sea: Further investigation. <i>Journal of Archaeological Science: Reports</i> , 2021, 37, 102901.	0.5	1
23	A New Methodological Approach to Correlate Protective and Microscopic Properties by Soft X-ray Microscopy and Solid State NMR Spectroscopy: The Case of Cusa's Stone. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5767.	2.5	1
24	Investigation of archaeological amphorae from the Egadi battles. <i>Journal of Physics: Conference Series</i> , 2022, 2204, 012089.	0.4	0