

# Francesco Armetta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6069743/publications.pdf>

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	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
2	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
3	Investigation of archaeological amphorae from the Egadi battles. <i>Journal of Physics: Conference Series</i> , 2022, 2204, 012089.	0.4	0
4	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
5	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
6	Newly discovered orichalcum ingots from Mediterranean sea: Further investigation. <i>Journal of Archaeological Science: Reports</i> , 2021, 37, 102901.	0.5	1
7	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
8	Organic-inorganic materials through first simultaneous frontal polymerization and frontal geopolymerization. <i>Materials Letters</i> , 2021, 295, 129808.	2.6	3
9	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
10	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
11	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
12	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
13	Effect of halloysite nanotubes filler on polydopamine properties. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 394-402.	9.4	22
14	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
15	Non-conventional Ce:YAG nanostructures via urea complexes. <i>Scientific Reports</i> , 2019, 9, 3368.	3.3	16
16	Synthesis of yttrium aluminum garnet nanoparticles in confined environment III: Cerium doping effect. <i>Optical Materials</i> , 2018, 85, 275-280.	3.6	8
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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.). Acta IMEKO (2012), 2017, 6, 67.	0.7	17
20	Influence of the Ce:YAG Amount on Structure and Optical Properties of Ce:YAG-PMMA Composites for White LED. Zeitschrift Fur Physikalische Chemie, 2016, 230, 1219-1231.	2.8	11
21	Synthesis of yttrium aluminum garnet nanoparticles in confined environment, and their characterization. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 511, 82-90.	4.7	3
22	Preparation and characterisation of Ce:YAG -polycarbonate composites for white LED. Journal of Alloys and Compounds, 2016, 664, 726-731.	5.5	15
23	Chromium liquid waste inertization in an inorganic alkali activated matrix: Leaching and NMR multinuclear approach. Journal of Hazardous Materials, 2015, 286, 474-483.	12.4	19
24	Silver nanoparticles stabilized by a polyaminocyclodextrin as catalysts for the reduction of nitroaromatic compounds. Journal of Molecular Catalysis A, 2015, 408, 250-261.	4.8	23