

Ludovica Ruggiero

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/806183/publications.pdf>

Version: 2024-02-01

24
papers

245
citations

1040056

9
h-index

940533

16
g-index

24
all docs

24
docs citations

24
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiparameter approach to quantum phase estimation with limited visibility. <i>Optica</i> , 2018, 5, 1171.	9.3	43
2	Encapsulation of environmentally-friendly biocides in silica nanosystems for multifunctional coatings. <i>Applied Surface Science</i> , 2020, 514, 145908.	6.1	27
3	Incorporation of the zosteric sodium salt in silica nanocapsules: synthesis and characterization of new fillers for antifouling coatings. <i>Applied Surface Science</i> , 2018, 439, 705-711.	6.1	26
4	Silica nanosystems for active antifouling protection: nanocapsules and mesoporous nanoparticles in controlled release applications. <i>Journal of Alloys and Compounds</i> , 2019, 798, 144-148.	5.5	21
5	Characterization and Discrimination of Plastic Materials Using Laser-Induced Fluorescence. <i>Applied Spectroscopy</i> , 2016, 70, 1001-1008.	2.2	20
6	Quantum sensing for dynamical tracking of chemical processes. <i>Physical Review A</i> , 2019, 99, .	2.5	19
7	Synthesis and Characterization of TEOS Coating Added With Innovative Antifouling Silica Nanocontainers and TiO ₂ Nanoparticles. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	16
8	Hydration of monosaccharides studied by Raman scattering. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1066-1075.	2.5	10
9	In situ study of modern synthetic materials and pigments in contemporary paintings by laser-induced fluorescence scanning. <i>Studies in Conservation</i> , 2015, 60, S178-S184.	1.1	9
10	Raman and ATR FT-IR investigations of innovative silica nanocontainers loaded with a biocide for stone conservation treatments. <i>Microchemical Journal</i> , 2020, 155, 104766.	4.5	9
11	Gel substrates and ammonia-EDTA extraction solution: a new non-destructive combined approach for the identification of anthraquinone dyes from wool textiles. <i>Microchemical Journal</i> , 2020, 155, 104780.	4.5	9
12	Effectiveness and Compatibility of Nanoparticle Based Multifunctional Coatings on Natural and Man-Made Stones. <i>Coatings</i> , 2021, 11, 480.	2.6	8
13	One step nanoencapsulation of corrosion inhibitors for gradual release application. <i>Materials Today Chemistry</i> , 2022, 24, 100851.	3.5	8
14	The techniques and materials of a 16th century drawing by Giorgio Vasari: A multi-analytical investigation. <i>Microchemical Journal</i> , 2021, 170, 106757.	4.5	7
15	Assessment of Stone Protective Coatings with a Novel Eco-Friendly Encapsulated Biocide. <i>Coatings</i> , 2021, 11, 1109.	2.6	6
16	Spectroscopic investigation of Cappadocia proto-Bizantine paintings. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 95-108.	2.5	2
17	Magnetic mesoporous silica nanostructures: investigation of magnetic properties. <i>Nanotechnology</i> , 2020, 31, 465707.	2.6	2
18	The Minnesang riddle: A multi-analytical approach to an undated colour woodcut. <i>Microchemical Journal</i> , 2022, 174, 107072.	4.5	2

#	ARTICLE	IF	CITATIONS
19	Dating of a unique six-colour relief print by historical and archaeometric methods. European Physical Journal Plus, 2019, 134, 1.	2.6	1
20	Multiparameter Approach to Dynamic Quantum Phase Estimation. Proceedings (mdpi), 2019, 12, 55.	0.2	0
21	Use of Optical Quantum Sensors to Study Chemical Processes. , 2019, , .		0
22	Methods for synthesis of nanocontainers. , 2020, , 19-48.		0
23	Multiparameter quantum tracking of optical activity. , 2019, , .		0
24	Towards real-time optical quantum sensors. , 2019, , .		0