

Luigi Dei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3187292/publications.pdf>

Version: 2024-02-01

30
papers

1,306
citations

623734

14
h-index

434195

31
g-index

46
all docs

46
docs citations

46
times ranked

1724
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Colloidal Particles of Ca(OH) ₂ : Properties and Applications to Restoration of Frescoes. <i>Langmuir</i> , 2001, 17, 4251-4255. | 3.5 | 184 |
| 2 | First evidence of microplastic ingestion by fishes from the Amazon River estuary. <i>Marine Pollution Bulletin</i> , 2018, 133, 814-821. | 5.0 | 179 |
| 3 | Nanotechnologies for Conservation of Cultural Heritage: Paper and Canvas Deacidification. <i>Langmuir</i> , 2002, 18, 8198-8203. | 3.5 | 164 |
| 4 | Spectroscopic Techniques in Cultural Heritage Conservation: A Survey. <i>Applied Spectroscopy Reviews</i> , 2005, 40, 187-228. | 6.7 | 132 |
| 5 | Synthesis of Ca(OH) ₂ Nanoparticles from Diols. <i>Langmuir</i> , 2001, 17, 2371-2374. | 3.5 | 131 |
| 6 | Soft matter and art conservation. Rheoreversible gels and beyond. <i>Soft Matter</i> , 2005, 1, 17. | 2.7 | 91 |
| 7 | Micelle, microemulsions, and gels for the conservation of cultural heritage. <i>Advances in Colloid and Interface Science</i> , 2014, 205, 361-371. | 14.7 | 86 |
| 8 | d-Sorbitol, a structurally simple, low molecular-mass gelator. <i>New Journal of Chemistry</i> , 2011, 35, 445-452. | 2.8 | 47 |
| 9 | Organogel formulations for the cleaning of easel paintings. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 121, 857-868. | 2.3 | 43 |
| 10 | Evaluation of Gypsum and Calcium Oxalates in Deteriorated Mural Paintings by Quantitative FTIR Spectroscopy. <i>Spectroscopy Letters</i> , 2003, 36, 501-513. | 1.0 | 31 |
| 11 | Langmuir Films of p-tert-Butylcalix[8]arene. Conformations at the Water-Air Interface and Complexation of Fullerene C ₆₀ . <i>Langmuir</i> , 1998, 14, 4143-4147. | 3.5 | 29 |
| 12 | Structural, rheological and dynamics insights of hydroxypropyl guar gel-like systems. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 168, 178-186. | 5.0 | 21 |
| 13 | Controlled graphene oxide assembly on silver nanocube monolayers for SERS detection: dependence on nanocube packing procedure. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 9-21. | 2.8 | 19 |
| 14 | Peculiar Properties of Water as Solute. <i>Journal of Physical Chemistry B</i> , 2006, 110, 12191-12197. | 2.6 | 18 |
| 15 | Hofmeister effect of anions on calcium translocation by sarcoplasmic reticulum Ca ²⁺ -ATPase. <i>Scientific Reports</i> , 2015, 5, 14282. | 3.3 | 16 |
| 16 | Structure and rheology of gel nanostructures from a vitamin C-based surfactant. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 8865-8873. | 2.8 | 13 |
| 17 | Monitoring of Pictorial Surfaces by mid-FTIR Reflectance Spectroscopy: Evaluation of the Performance of Innovative Colloidal Cleaning Agents. <i>Spectroscopy Letters</i> , 2005, 38, 459-475. | 1.0 | 11 |
| 18 | Synergy of Cobalt and Silver Microparticles Electrodeposited on Glassy Carbon for the Electrocatalysis of the Oxygen Reduction Reaction: An Electrochemical Investigation. <i>Molecules</i> , 2015, 20, 14386-14401. | 3.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Specific anion effects in <i>Artemia salina</i> . <i>Chemosphere</i> , 2015, 135, 335-340. | 8.2 | 11 |
| 20 | Specific Anion Effects on the Kinetics of Iodination of Acetone. <i>ChemPhysChem</i> , 2016, 17, 2567-2571. | 2.1 | 11 |
| 21 | Chelators confined into 80pvac-borax highly viscous dispersions for the removal of gypsum degradation layers. <i>Pure and Applied Chemistry</i> , 2017, 89, 97-109. | 1.9 | 10 |
| 22 | Tunable growth of gold nanostructures at a PDMS surface to obtain plasmon rulers with enhanced optical features. <i>Mikrochimica Acta</i> , 2017, 184, 3093-3102. | 5.0 | 10 |
| 23 | Indoor levels of volatile organic compounds at Florentine museum environments in Italy. <i>Indoor Air</i> , 2020, 30, 900-913. | 4.3 | 9 |
| 24 | Chemically and Physically Induced (Reversible) Gelation of Organic Liquids by Monomeric and Polymeric Gelators. <i>Macromolecular Symposia</i> , 2005, 227, 173-182. | 0.7 | 8 |
| 25 | Gels for the Conservation of Cultural Heritage. <i>Materials Research Society Symposia Proceedings</i> , 2012, 1418, 17. | 0.1 | 7 |
| 26 | The Effect of Temperature and Magnetic Field on the Precipitation of Insoluble Salts of Alkaline Earth Metals. <i>Journal of Solution Chemistry</i> , 2020, 49, 289-305. | 1.2 | 6 |
| 27 | Performance of innovative nanomaterials for bone remains consolidation and effect on 14C dating and on palaeogenetic analysis. <i>Scientific Reports</i> , 2022, 12, 6975. | 3.3 | 3 |
| 28 | Interface of Mixed Micelles Formed of Anionic-Cationic and Ionic-Nonionic Surfactants. <i>ACS Symposium Series</i> , 1992, , 180-193. | 0.5 | 2 |
| 29 | Micro-layers of polystyrene film preventing metal oxidation: implications in cultural heritage conservation. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 117, 2025-2032. | 2.3 | 1 |
| 30 | Creativity in Art, Literature, Music, Science, and Inventions. <i>Substantia</i> , 2022, 6, 13-23. | 0.3 | 1 |