

Ilaria Carlomagno

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

151
citations

1307594

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1199594

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g-index

20
all docs

20
docs citations

20
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Zn enrichment induced by excimer laser annealing in ZnO nanorods. Applied Surface Science, 2022, 587, 152313.	6.1	4
2	Structure of the Surface Region of Stainless Steel: Bulk and Thin Films. Physica Status Solidi (B): Basic Research, 2022, 259, .	1.5	5
3	Evidence of a thermally-induced microstructural anisotropy in Gr/Co/Ir(111) systems. Applied Surface Science, 2021, 535, 146365.	6.1	1
4	Structural Profile of a MgO/Co/MgO Trilayer Using Soft X-ray Resonant Magnetic Reflectivity. Springer Proceedings in Physics, 2021, , 155-167.	0.2	2
5	Zn Distribution and Chemical Speciation in Marine Biominerals: An Example on Bivalve and Foraminifera Shells from Polluted Sites. Springer Proceedings in Physics, 2021, , 125-140.	0.2	0
6	Associating High Oxide-Ion Conductivity and Conduction Mechanisms with Local Atomic Environments in $\text{Na}_{0.5}\text{Bi}_{0.5}\text{Ti}_2\text{MgO}_3$. Journal of Physical Chemistry C, 2021, 125, 19621-19630.	3.1	4
7	Studying the onset of galvanic steel corrosion in situ using thin films: film preparation, characterization and application to pitting. Journal of Physics Condensed Matter, 2021, 33, 125001.	1.8	2
8	Trace-element XAFS sensitivity: a stress test for a new XRF multi-detector. Journal of Synchrotron Radiation, 2021, 28, 1811-1819.	2.4	5
9	Coagulating and flocculating ferrihydrite: application of zinc acetate salt. Environmental Science: Water Research and Technology, 2020, 6, 2057-2064.	2.4	4
10	Mineralogy and Zn Chemical Speciation in a Soil-Plant System from a Metal-Extreme Environment: A Study on Helichrysum microphyllum subsp. tyrrhenicum (Campo Pisano Mine, SW Sardinia, Italy). Minerals (Basel, Switzerland), 2020, 10, 259.	2.0	17
11	Swelling of Steel Film by Hydrogen Absorption at Cathodic Potential in Electrolyte. Physica Status Solidi (B): Basic Research, 2020, 257, 2000055.	1.5	3
12	Evolution of electronic and magnetic properties in a series of iridate double perovskites $\langle \text{mml:math} \rangle$		

#	ARTICLE	IF	CITATIONS
19	Influence of the substrate on structure and magnetic properties of Co ²⁺ N thin films. Journal of Alloys and Compounds, 2015, 633, 470-478.	5.5	16
20	Surface alloying upon Co intercalation between graphene and Ir(111). Carbon, 2015, 94, 554-559.	10.3	27