

Barbara Lasio

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

397
citations

759233

12
h-index

752698

20
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24
all docs

24
docs citations

24
times ranked

624
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctionalization of wool fabrics through nanoparticles: A chemical route towards smart textiles. <i>Journal of Colloid and Interface Science</i> , 2015, 456, 85-92.	9.4	47
2	A one-step solvothermal route for the synthesis of nanocrystalline anatase TiO ₂ doped with lanthanide ions. <i>Journal of Solid State Chemistry</i> , 2006, 179, 2452-2457.	2.9	35
3	Graphene-mediated surface enhanced Raman scattering in silica mesoporous nanocomposite films. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 25809-25818.	2.8	32
4	Co-precipitation synthesis of neodymium-doped yttrium aluminium oxides nanopowders: Quantitative phase investigation as a function of joint isothermal treatment conditions and neodymium content. <i>Optical Materials</i> , 2007, 29, 1240-1243.	3.6	27
5	Synthesis, structural investigation and luminescence spectroscopy of nanocrystalline Gd ₃ Ga ₅ O ₁₂ doped with lanthanide ions. <i>Journal of Alloys and Compounds</i> , 2008, 451, 553-556.	5.5	27
6	Exfoliated Graphene into Highly Ordered Mesoporous Titania Films: Highly Performing Nanocomposites from Integrated Processing. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 795-802.	8.0	27
7	Sol-gel chemistry for graphene-silica nanocomposite films. <i>New Journal of Chemistry</i> , 2014, 38, 3777-3782.	2.8	27
8	Photodegradation of rhodamine 6G dimers in silica sol-gel films. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 271, 93-98.	3.9	26
9	Molecularly imprinted La-doped mesoporous titania films with hydrolytic properties toward organophosphate pesticides. <i>New Journal of Chemistry</i> , 2013, 37, 2995.	2.8	25
10	Combining Top-Down and Bottom-Up Routes for Fabrication of Mesoporous Titania Films Containing Ceria Nanoparticles for Free Radical Scavenging. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3168-3175.	8.0	22
11	Release of Ceria Nanoparticles Grafted on Hybrid Organic-Inorganic Films for Biomedical Application. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3916-3922.	8.0	20
12	Introducing Ti-GERS: Raman Scattering Enhancement in Graphene-Mesoporous Titania Films. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 3149-3154.	4.6	15
13	In situ growth of Ag nanoparticles in graphene-TiO ₂ mesoporous films induced by hard X-ray. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 79, 295-302.	2.4	11
14	Fabrication of Cu-graphite metal matrix composites by ball milling and spark plasma sintering. <i>Materials Letters</i> , 2018, 230, 199-202.	2.6	9
15	Elemental investigation on Spanish dinosaur bones by x-ray fluorescence. <i>Physica Scripta</i> , 2013, 88, 015802.	2.5	7
16	New data on the presence of celestite into fossil bones from the uppermost Cretaceous Mol ^l -del Bar ³ -1 site (Spain) and an alternative hypothesis on its origin. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2016, 119, 41-49.	2.9	7
17	XRF investigation on skeletal remains from King Peter III of Aragon (1239-1285 A.D.) and Queen Blanche of Anjou (1280-1310 A.D.). <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 647-653.	2.3	6
18	Non-monotonic variation of the grain size in Cu nanopowders subjected to ball milling. <i>Materials Letters</i> , 2018, 212, 171-173.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Thermal behaviour of clay ceramics obtained by Spark Plasma Sintering: Is fractal geometry a new possible road to design porous structures?. <i>Ceramics International</i> , 2018, 44, 21710-21716.	4.8	6
20	Engineering the surface of hybrid organic-inorganic films with orthogonal grafting of oxide nanoparticles. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	4
21	New insights about the presence of celestite into fossil bones from Mol del Bar 1 site (Isona i Conca) Tj ETQq1 1,0.784314 rgBT /C	2.3	4
22	Magnetic core-shell nanoparticles coated with a molecularly imprinted organogel for organophosphate hydrolysis. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 79, 395-404.	2.4	4
23	Indentation strain rate sensitivity of ball-milled spark-plasma sintered Cu-C metal matrix composite. <i>Journal of Alloys and Compounds</i> , 2018, 767, 838-847.	5.5	3
24	3D Spatially Controlled Chemical Functionalization on Alumina Membranes. <i>Science of Advanced Materials</i> , 2014, 6, 1520-1524.	0.7	0