

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
g-index

24
all docs

24
docs citations

24
times ranked

624
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	New data on the presence of celestite into fossil bones from the uppermost Cretaceous Mol ^{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
8	New insights about the presence of celestite into fossil bones from Mol ^{del} Bar ³ 1 site (Isona i Conca Tj ETQq0 0,0 rgBT /Qverlock 10	2.8	4
9	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
10	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
11	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
12	Graphene-mediated surface enhanced Raman scattering in silica mesoporous nanocomposite films. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 25809-25818.	2.8	32
13	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
14	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
15	Sol-gel chemistry for graphene-silica nanocomposite films. <i>New Journal of Chemistry</i> , 2014, 38, 3777-3782.	2.8	27
16	3D Spatially Controlled Chemical Functionalization on Alumina Membranes. <i>Science of Advanced Materials</i> , 2014, 6, 1520-1524.	0.7	0
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Combining Top-Down and Bottom-Up Routes for Fabrication of Mesoporous Titania Films Containing Ceria Nanoparticles for Free Radical Scavenging. ACS Applied Materials & Interfaces, 2013, 5, 3168-3175.	8.0	22
20	Elemental investigation on Spanish dinosaur bones by x-ray fluorescence. Physica Scripta, 2013, 88, 015802.	2.5	7
21	Release of Ceria Nanoparticles Grafted on Hybrid Organic-Inorganic Films for Biomedical Application. ACS Applied Materials & Interfaces, 2012, 4, 3916-3922.	8.0	20
22	Synthesis, structural investigation and luminescence spectroscopy of nanocrystalline Gd ₃ Ga ₅ O ₁₂ doped with lanthanide ions. Journal of Alloys and Compounds, 2008, 451, 553-556.	5.5	27
23	Co-precipitation synthesis of neodymium-doped yttrium aluminium oxides nanopowders: Quantitative phase investigation as a function of joint isothermal treatment conditions and neodymium content. Optical Materials, 2007, 29, 1240-1243.	3.6	27
24	A one-step solvothermal route for the synthesis of nanocrystalline anatase TiO ₂ doped with lanthanide ions. Journal of Solid State Chemistry, 2006, 179, 2452-2457.	2.9	35