

Federico Locardi

List of Publications by Year in descending order

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32
papers

1,500
citations

430874

18
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

2205
citing authors

#	ARTICLE	IF	CITATIONS
1	Colloidal Synthesis of Double Perovskite Cs ₂ AgInCl ₆ and Mn-Doped Cs ₂ AgInCl ₆ Nanocrystals. <i>Journal of the American Chemical Society</i> , 2018, 140, 12989-12995.	13.7	397
2	Emissive Bi-Doped Double Perovskite Cs ₂ Ag _{1-x} Na _x InCl ₆ Nanocrystals. <i>ACS Energy Letters</i> , 2019, 4, 1976-1982.	17.4	198
3	Postsynthesis Transformation of Insulating Cs ₄ PbBr ₆ Nanocrystals into Bright Perovskite CsPbBr ₃ through Physical and Chemical Extraction of CsBr. <i>ACS Energy Letters</i> , 2017, 2, 2445-2448.	17.4	177
4	From CsPbBr ₃ Nano-Inks to Sintered CsPbBr ₃ –CsPb ₂ Br ₅ Films via Thermal Annealing: Implications on Optoelectronic Properties. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11956-11961.	3.1	96
5	Functionalization of Fe ₃ O ₄ NPs by Silanization: Use of Amine (APTES) and Thiol (MPTMS) Silanes and Their Physical Characterization. <i>Materials</i> , 2016, 9, 826.	2.9	90
6	NIR Persistent Luminescence of Lanthanide Ion-Doped Rare-Earth Oxycarbonates: The Effect of Dopants. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17346-17351.	8.0	59
7	Boosting the Er ³⁺ 1.5 μ m Luminescence in CsPbCl ₃ Perovskite Nanocrystals for Photonic Devices Operating at Telecommunication Wavelengths. <i>ACS Applied Nano Materials</i> , 2020, 3, 4699-4707.	5.0	48
8	Strontium, a new marker of the origin of gypsum in cultural heritage?. <i>Journal of Cultural Heritage</i> , 2014, 15, 522-527.	3.3	40
9	Mechanochemical Synthesis of Sn(II) and Sn(IV) Iodide Perovskites and Study of Their Structural, Chemical, Thermal, Optical, and Electrical Properties. <i>Energy Technology</i> , 2020, 8, 1900788.	3.8	34
10	Cyan Emission in Two-Dimensional Colloidal Cs ₂ CdCl ₄ :Sb ³⁺ Ruddlesden–Popper Phase Nanoplatelets. <i>ACS Nano</i> , 2021, 15, 17729-17737.	14.6	34
11	Tuning the Magnetic Properties of Hard–Soft SrFe ₁₂ O ₁₉ /CoFe ₂ O ₄ Nanostructures via Composition/Interphase Coupling. <i>Journal of Physical Chemistry C</i> , 2021, 125, 5927-5936.	3.1	33
12	Cesium Manganese Bromide Nanocrystal Sensitizers for Broadband Vis-to-NIR Downshifting. <i>ACS Energy Letters</i> , 2022, 7, 1850-1858.	17.4	30
13	Different sol–gel preparations of iron-doped TiO ₂ nanoparticles: characterization, photocatalytic activity and cytotoxicity. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 80, 152-159.	2.4	25
14	Tunable single-phase magnetic behavior in chemically synthesized AFeO ₃ –MFe ₂ O ₄ (A = Bi or La, M = Co or Ni) nanocomposites. <i>Nanoscale</i> , 2018, 10, 22990-23000.	5.6	25
15	Switching on near-infrared light in lanthanide-doped CsPbCl ₃ perovskite nanocrystals. <i>Nanoscale</i> , 2021, 13, 8118-8125.	5.6	23
16	Symbiotic, low-temperature, and scalable synthesis of bi-magnetic complex oxide nanocomposites. <i>Nanoscale Advances</i> , 2020, 2, 851-859.	4.6	22
17	Controlling magnetic coupling in bi-magnetic nanocomposites. <i>Nanoscale</i> , 2019, 11, 14256-14265.	5.6	21
18	Enhancement of TiO ₂ NPs Activity by Fe ₃ O ₄ Nano-Seeds for Removal of Organic Pollutants in Water. <i>Materials</i> , 2016, 9, 771.	2.9	20

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19	Photocatalytic activity of TiO ₂ nanopowders supported on a new persistent luminescence phosphor. <i>Catalysis Communications</i> , 2016, 74, 24-27.	3.3	16
20	Multidoped Ln ³⁺ gadolinium dioxycarbonates as tunable white light emitting phosphors. <i>Dalton Transactions</i> , 2017, 46, 2785-2792.	3.3	14
21	Impact of local structure on halogen ion migration in layered methylammonium copper halide memory devices. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17516-17526.	10.3	14
22	Yb-doped Gd ₂ O ₂ CO ₃ : Structure, microstructure, thermal and magnetic behaviour. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 103, 59-66.	4.0	12
23	Thermal decomposition of Ce-Sm and Ce-Lu mixed oxalates: Influence of the Sm- and Lu-doped ceria structure. <i>Thermochimica Acta</i> , 2017, 651, 100-107.	2.7	9
24	Structural studies on copper and nitrogen doped nanosized anatase. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018, 233, 867-876.	0.8	9
25	Phase stability study of the pseudobinary system Gd ₂ O ₂ CO ₃ –Nd ₂ O ₂ CO ₃ (420–850 °C, P _{CO₂} = 1 atm). <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 112, 499-503.	3.6	8
26	Facile synthesis of NIR and Visible luminescent Sm ³⁺ doped lutetium oxide nanoparticles. <i>Materials Research Bulletin</i> , 2017, 86, 220-227.	5.2	8
27	Practical application of visible-induced luminescence and use of parasitic IR reflectance as relative spatial reference in Egyptian artifacts. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 5001-5008.	1.8	7
28	Characterization of the Caput Mortuum purple hematite pigment and synthesis of a modern analogue. <i>Dyes and Pigments</i> , 2021, 185, 108881.	3.7	7
29	High-Moment FeCo Magnetic Nanoparticles Obtained by Topochemical H ₂ Reduction of Co-Ferrites. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1899.	2.5	7
30	Thermogravimetry and evolved gas analysis for the investigation of ligand-exchange reaction in thiol-functionalized gold nanoparticles. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 132, 11-18.	5.5	6
31	Red-emissive nanocrystals of Cs ₄ Mn _x Cd _{1-x} Sb ₂ Cl ₁₂ layered perovskites. <i>Nanoscale</i> , 2022, 14, 305-311.	5.6	6
32	Photocatalysis in Darkness: Optimization of Sol-Gel Synthesis of NP-TiO ₂ Supported on a Persistent Luminescence Material and its Application for the Removal of Ofloxacin from Water. <i>Journal of Nanomedicine & Nanotechnology</i> , 2018, 09, .	1.1	5