Federico Locardi

List of Publications by Year
in descending order

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	Red-emissive nanocrystals of Cs₄Mn_xCd_{1â^'x}Sb₂Cl₁₂ layered perovskites. Nanoscale, 2022, 14, 305-311.	5.6	6
2	High-Moment FeCo Magnetic Nanoparticles Obtained by Topochemical H2 Reduction of Co-Ferrites. Applied Sciences (Switzerland), 2022, 12, 1899.	2.5	7
3	Cesium Manganese Bromide Nanocrystal Sensitizers for Broadband Vis-to-NIR Downshifting. ACS Energy Letters, 2022, 7, 1850-1858.	17.4	30
4	Characterization of the Caput Mortuum purple hematite pigment and synthesis of a modern analogue. Dyes and Pigments, 2021, 185, 108881.	3.7	7
5	Switching on near-infrared light in lanthanide-doped CsPbCl₃ perovskite nanocrystals. Nanoscale, 2021, 13, 8118-8125.	5.6	23
6	Tuning the Magnetic Properties of Hardâ€"Soft SrFe₁₂O₁₉/CoFe₂O₄ Nanostructures via Composition/Interphase Coupling. Journal of Physical Chemistry C, 2021, 125, 5927-5936.	3.1	33
7	Cyan Emission in Two-Dimensional Colloidal Cs₂CdCl₄:Sb³⁺Ruddlesdenâ€"Popper Phase Nanoplatelets. ACS Nano, 2021, 15, 17729-17737.	14.6	34
8	Mechanochemical Synthesis of Sn(II) and Sn(IV) Iodide Perovskites and Study of Their Structural, Chemical, Thermal, Optical, and Electrical Properties. Energy Technology, 2020, 8, 1900788.	3.8	34
9	Impact of local structure on halogen ion migration in layered methylammonium copper halide memory devices. Journal of Materials Chemistry A, 2020, 8, 17516-17526.	10.3	14
10	Symbiotic, low-temperature, and scalable synthesis of bi-magnetic complex oxide nanocomposites. Nanoscale Advances, 2020, 2, 851-859.	4.6	22
11	Boosting the Er³⁺ 1.5 Î¼m Luminescence in CsPbCl₃ Perovskite Nanocrystals for Photonic Devices Operating at Telecommunication Wavelengths. ACS Applied Nano Materials, 2020, 3, 4699-4707.	5.0	48
12	Controlling magnetic coupling in bi-magnetic nanocomposites. Nanoscale, 2019, 11, 14256-14265.	5.6	21
13	Emissive Bi-Doped Double Perovskite Cs₂Ag_{1â€"x}Na_xInCl₆ Nanocrystals. ACS Energy Letters, 2019, 4, 1976-1982.	17.4	198
14	Practical application of visible-induced luminescence and use of parasitic IR reflectance as relative spatial reference in Egyptian artifacts. Archaeological and Anthropological Sciences, 2019, 11, 5001-5008.	1.8	7
15	Thermogravimetry and evolved gas analysis for the investigation of ligand-exchange reaction in thiol-functionalized gold nanoparticles. Journal of Analytical and Applied Pyrolysis, 2018, 132, 11-18.	5.5	6
16	Photocatalysis in Darkness: Optimization of Sol-Gel Synthesis of NP-TiO2 Supported on a Persistent Luminescence Material and its Application for the Removal of Ofloxacin from Water. Journal of Nanomedicine & Nanotechnology, 2018, 09, .	1.1	5
17	Tunable single-phase magnetic behavior in chemically synthesized AFeO₃â€"MFe₂O₄ (A = Bi or La, M = Co or Ni) nanocomposites. Nanoscale, 2018, 10, 22990-23000.	5.6	25
18	Colloidal Synthesis of Double Perovskite Cs₂AgInCl₆ and Mn-Doped Cs₂AgInCl₆ Nanocrystals. Journal of the American Chemical Society, 2018, 140, 12989-12995.	13.7	397

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19	Structural studies on copper and nitrogen doped nanosized anatase. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 867-876.	0.8	9
20	Multidoped Ln3+ gadolinium dioxycarbonates as tunable white light emitting phosphors. Dalton Transactions, 2017, 46, 2785-2792.	3.3	14
21	From CsPbBr₃ Nano-Inks to Sintered CsPbBr₃â€“CsPb₂Br₅ Films via Thermal Annealing: Implications on Optoelectronic Properties. Journal of Physical Chemistry C, 2017, 121, 11956-11961.	3.1	96
22	Thermal decomposition of Ce-Sm and Ce-Lu mixed oxalates: Influence of the Sm- and Lu-doped ceria structure. Thermochimica Acta, 2017, 651, 100-107.	2.7	9
23	Yb-doped Gd 2 O 2 CO 3 : Structure, microstructure, thermal and magnetic behaviour. Journal of Physics and Chemistry of Solids, 2017, 103, 59-66.	4.0	12
24	Postsynthesis Transformation of Insulating Cs₄PbBr₆ Nanocrystals into Bright Perovskite CsPbBr₃ through Physical and Chemical Extraction of CsBr. ACS Energy Letters, 2017, 2, 2445-2448.	17.4	177
25	Facile synthesis of NIR and Visible luminescent Sm 3+ doped lutetium oxide nanoparticles. Materials Research Bulletin, 2017, 86, 220-227.	5.2	8
26	Enhancement of TiO2 NPs Activity by Fe3O4 Nano-Seeds for Removal of Organic Pollutants in Water. Materials, 2016, 9, 771.	2.9	20
27	Functionalization of Fe3O4 NPs by Silanization: Use of Amine (APTES) and Thiol (MPTMS) Silanes and Their Physical Characterization. Materials, 2016, 9, 826.	2.9	90
28	Different solâ€“gel preparations of iron-doped TiO2 nanoparticles: characterization, photocatalytic activity and cytotoxicity. Journal of Sol-Gel Science and Technology, 2016, 80, 152-159.	2.4	25
29	Photocatalytic activity of TiO2 nanopowders supported on a new persistent luminescence phosphor. Catalysis Communications, 2016, 74, 24-27.	3.3	16
30	NIR Persistent Luminescence of Lanthanide Ion-Doped Rare-Earth Oxycarbonates: The Effect of Dopants. ACS Applied Materials & Interfaces, 2014, 6, 17346-17351.	8.0	59
31	Strontium, a new marker of the origin of gypsum in cultural heritage?. Journal of Cultural Heritage, 2014, 15, 522-527.	3.3	40
32	Phase stability study of the pseudobinary system Gd2O2CO3â€“Nd2O2CO3 (420ÂÂ°CÂâ‰ÂTÂâ‰Â850ÂÂ°C, PÂ=Â1Âatm. CO2). Journal of Thermal Analysis and Calorimetry, 2013, 112, 499-503.	3.6	8