

Daniel Grando Stroppa

List of Publications by Year in descending order

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papers

1,272
citations

361413

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361022

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41
docs citations

41
times ranked

2422
citing authors

#	ARTICLE	IF	CITATIONS
1	Favoring the Reactivity of TiO ₂ Films with Ideal Arrangement of Anatase and Rutile Crystallites. ACS Applied Energy Materials, 2019, 2, 2579-2584.	5.1	6
2	Synthesis of functionalized magnetite nanoparticles using only oleic acid and iron (III) acetylacetonate. SN Applied Sciences, 2019, 1, 1.	2.9	17
3	Nanoscale analysis of dispersive ferroelectric domains in bulk of hexagonal multiferroic ceramics. Materials Characterization, 2018, 145, 347-352.	4.4	2
4	Growth of BiFeO ₃ thin films by chemical solution deposition: the role of electrodes. Physical Chemistry Chemical Physics, 2017, 19, 14337-14344.	2.8	12
5	Pulsed Hybrid Reactive Magnetron Sputtering for High <i>zT</i> Cu ₂ Se Thermoelectric Films. Advanced Materials Technologies, 2017, 2, 1700012.	5.8	42
6	Evolution of reduced Ti containing phase(s) in MgH ₂ /TiO ₂ system and its effect on the hydrogen storage behavior of MgH ₂ . Journal of Power Sources, 2017, 362, 174-183.	7.8	83
7	A supramolecular strategy based on molecular dipole moments for high-quality covalent organic frameworks. Chemical Communications, 2016, 52, 7986-7989.	4.1	50
8	Sub-Micrometer Magnetic Nanocomposites: Insights into the Effect of Magnetic Nanoparticles Interactions on the Optimization of SAR and MRI Performance. ACS Applied Materials & Interfaces, 2016, 8, 25777-25787.	8.0	38
9	Lattice dynamics and thermoelectric properties of nanocrystalline silicon-germanium alloys. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 515-523.	1.8	8
10	Arsenic entrapment by nanocrystals of Al-magnetite: The role of Al in crystal growth and As retention. Chemosphere, 2016, 158, 91-99.	8.2	16
11	Formation of Mg-Nb-O rock salt structures in a series of mechanochemically activated MgH ₂ +nNb ₂ O ₅ (n=0.083-1.50) mixtures. International Journal of Hydrogen Energy, 2016, 41, 2677-2688.	7.1	31
12	B11-O-03 Quantification of Oxygen Vacancies in Nanostructured Oxides by TEM Techniques: Electron Energy Loss Spectroscopy and Negative Cs Imaging. Microscopy (Oxford, England), 2015, 64, i11.2-i11.1.	1.5	2
13	Straightforward phase-transfer route to colloidal iron oxide nanoparticles for protein immobilization. RSC Advances, 2015, 5, 47954-47958.	3.6	6
14	Pr ₂ O ₂ SO ₄ -La _{0.6} Sr _{0.4} Co _{0.2} Fe _{0.8} O ₂ a new category of composite cathode for intermediate temperature-solid oxide fuel cells. Journal of Materials Chemistry A, 2015, 3, 12636-12641.	10.3	32
15	Amorphous oxygen-rich molybdenum oxysulfide Decorated p-type silicon microwire Arrays for efficient photoelectrochemical water reduction. Nano Energy, 2015, 16, 130-142.	16.0	85
16	Water-Gas Shift and Methane Reactivity on Reducible Perovskite-Type Oxides. Journal of Physical Chemistry C, 2015, 119, 11739-11753.	3.1	19
17	Electrochemically Induced Ostwald Ripening in Au/TiO ₂ Nanocomposite. Journal of Physical Chemistry C, 2015, 119, 10336-10344.	3.1	15
18	Nanotubes from Chalcogenide Misfit Compounds: Sn-S and Nb-Pb-S. Accounts of Chemical Research, 2014, 47, 406-416.	15.6	40

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19	Analysis of Dopant Atom Distribution and Quantification of Oxygen Vacancies on Individual Gd ³⁺ -Doped CeO ₂ Nanocrystals. Chemistry - A European Journal, 2014, 20, 6288-6293.	3.3	15
20	Prediction of dopant atom distribution on nanocrystals using thermodynamic arguments. Physical Chemistry Chemical Physics, 2014, 16, 1089-1094.	2.8	9
21	Nanocrystalline silicon: lattice dynamics and enhanced thermoelectric properties. Physical Chemistry Chemical Physics, 2014, 16, 25701-25709.	2.8	49
22	High Resolution Electron Microscopy Study of Nanocubes and Polyhedral Nanocrystals of Cerium(IV) Oxide. Chemistry of Materials, 2013, 25, 2028-2034.	6.7	35
23	Formation and stability of small well-defined Cu- and Ni oxide particles. Materials Chemistry and Physics, 2013, 143, 184-194.	4.0	3
24	Assessment of a nanocrystal 3-D morphology by the analysis of single HAADF-HRSTEM images. Nanoscale Research Letters, 2013, 8, 475.	5.7	5
25	Investigation of Rhenium ³⁺ -Doped MoS ₂ Nanoparticles with Fullerene ¹ -Like Structure. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 2610-2616.	1.2	21
26	Diffraction from Disordered Stacking Sequences in MoS ₂ and WS ₂ Fullerenes and Nanotubes. Journal of Physical Chemistry C, 2012, 116, 24350-24357.	3.1	49
27	New High-Temperature Pb-Catalyzed Synthesis of Inorganic Nanotubes. Journal of the American Chemical Society, 2012, 134, 16379-16386.	13.7	33
28	High ² -Resolution Scanning Transmission Electron Microscopy (HRSTEM) Techniques: High ² -Resolution Imaging and Spectroscopy Side by Side. ChemPhysChem, 2012, 13, 437-443.	2.1	12
29	Synthesis of recrystallized anatase TiO ₂ mesocrystals with Wulff shape assisted by oriented attachment. Nanoscale, 2011, 3, 1910.	5.6	76
30	A Joint Experimental and Theoretical Study on the Nanomorphology of CaWO ₄ Crystals. Journal of Physical Chemistry C, 2011, 115, 20113-20119.	3.1	73
31	Anomalous oriented attachment growth behavior on SnO ₂ nanocrystals. Chemical Communications, 2011, 47, 3117.	4.1	35
32	MEGACELL: A nanocrystal model construction software for HRTEM multislice simulation. Ultramicroscopy, 2011, 111, 1077-1082.	1.9	9
33	Dopant Segregation Analysis on Sb:SnO ₂ Nanocrystals. Chemistry - A European Journal, 2011, 17, 11515-11519.	3.3	19
34	Stable colloidal suspensions of nanostructured zirconium oxide synthesized by hydrothermal process. Journal of Nanoparticle Research, 2010, 12, 3105-3110.	1.9	38
35	Sn ₃ O ₄ single crystal nanobelts grown by carbothermal reduction process. Journal of Crystal Growth, 2010, 312, 2881-2886.	1.5	18
36	Structure and growth mechanism of CuO plates obtained by microwave-hydrothermal without surfactants. Advanced Powder Technology, 2010, 21, 197-202.	4.1	110

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37	Antimony-Doped Tin Oxide Nanocrystals: Synthesis and Solubility Behavior in Organic Solvents. ChemPhysChem, 2009, 10, 841-846.	2.1	15
38	Unveiling the Chemical and Morphological Features of Sb-SnO ₂ Nanocrystals by the Combined Use of High-Resolution Transmission Electron Microscopy and ab Initio Surface Energy Calculations. Journal of the American Chemical Society, 2009, 131, 14544-14548.	13.7	61
39	Obtenção de filmes finos de TiO ₂ nanoestruturado pelo método dos precursores poliméricos. Química Nova, 2008, 31, 1706-1709.	0.3	5
40	Anisotropic Growth of Oxide Nanocrystals: Insights into the Rutile TiO ₂ Phase. Journal of Physical Chemistry C, 2007, 111, 5871-5875.	3.1	78