

Christophe Lefevre

List of Publications by Year in descending order

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24
papers

1,084
citations

623734

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docs citations

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times ranked

1909
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Spin Current Transport in Hybrid Pt/Multifunctional Magnetolectric Ga _{0.6} Fe _{1.4} O ₃ Bilayers. ACS Applied Electronic Materials, 2021, 3, 4433-4440. | 4.3 | 4 |
| 2 | Harnessing Composition of Iron Oxide Nanoparticle: Impact of Solvent-Mediated Ligand-Ligand Interaction and Competition between Oxidation and Growth Kinetics. Chemistry of Materials, 2020, 32, 9245-9259. | 6.7 | 15 |
| 3 | Evidence of the Superparamagnetic State in the Zero-Field Microwave Susceptibility Spectra of Ferrimagnetic Nanoparticles. IEEE Magnetics Letters, 2020, 11, 1-5. | 1.1 | 0 |
| 4 | Ultrathin regime growth of atomically flat multiferroic gallium ferrite films with perpendicular magnetic anisotropy. Physical Review Materials, 2019, 3, . | 2.4 | 10 |
| 5 | Unravelling the Thermal Decomposition Parameters for The Synthesis of Anisotropic Iron Oxide Nanoparticles. Nanomaterials, 2018, 8, 881. | 4.1 | 64 |
| 6 | Ultrabright Lanthanide Nanoparticles. ChemPlusChem, 2016, 81, 526-534. | 2.8 | 20 |
| 7 | Determination of the cationic distribution in oxidic thin films by resonant X-ray diffraction: the magnetolectric compound Ga ₂ Fe ₃ O ₇ . Journal of Applied Crystallography, 2016, 49, 1308-1314. | 4.5 | 10 |
| 8 | Ultrabright Lanthanide Nanoparticles. ChemPlusChem, 2016, 81, 497-497. | 2.8 | 2 |
| 9 | Design, synthesis, characterization and properties of magnetic nanoparticle-nanocarbon hybrids. Carbon, 2016, 96, 49-56. | 10.3 | 13 |
| 10 | Systematic Study of Exchange Coupling in Core-Shell Fe ₃ O ₄ @CoO Nanoparticles. Chemistry of Materials, 2015, 27, 4073-4081. | 6.7 | 44 |
| 11 | Stabilization of scandium rich spinel ferrite CoFe _{2-x} Sc _x O ₄ (x%1) in thin films. Journal of Solid State Chemistry, 2015, 232, 118-122. | 2.9 | 7 |
| 12 | Low Oxidation State and Enhanced Magnetic Properties Induced by Raspberry Shaped Nanostructures of Iron Oxide. Journal of Physical Chemistry C, 2015, 119, 24665-24673. | 3.1 | 25 |
| 13 | Mastering the Shape and Composition of Dendronized Iron Oxide Nanoparticles To Tailor Magnetic Resonance Imaging and Hyperthermia. Chemistry of Materials, 2014, 26, 5252-5264. | 6.7 | 105 |
| 14 | One pot synthesis of monodisperse water soluble iron oxide nanocrystals with high values of the specific absorption rate. Journal of Materials Chemistry B, 2014, 2, 4426. | 5.8 | 127 |
| 15 | Magnetic Iron Oxide Nanoparticles: Reproducible Tuning of the Size and Nanosized-Dependent Composition, Defects, and Spin Canting. Journal of Physical Chemistry C, 2014, 118, 3795-3810. | 3.1 | 250 |
| 16 | Magnetic and Polar Properties™ Optimization in the Magnetolectric Ga ₂ Fe ₃ O ₇ Compounds. Journal of Physical Chemistry C, 2013, 117, 14832-14839. | 3.1 | 25 |
| 17 | Study of Ga(2-x)FexO3 solid solution: Optimisation of the ceramic processing. Journal of the European Ceramic Society, 2013, 33, 1029-1035. | 5.7 | 19 |
| 18 | Effects of iron concentration and cationic site disorder on the optical properties of magnetolectric gallium ferrite thin films. RSC Advances, 2013, 3, 3124. | 3.6 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Raman scattering of magnetoelectric gallium ferrite thin films. Journal of Physics Condensed Matter, 2013, 25, 045401. | 1.8 | 6 |
| 20 | High Exchange Bias in Fe ₃ O ₄ @CoO Core Shell Nanoparticles Synthesized by a One-Pot Seed-Mediated Growth Method. Journal of Physical Chemistry C, 2013, 117, 11436-11443. | 3.1 | 66 |
| 21 | Optical transitions in magnetoelectric Ga _{0.6} Fe _{1.4} O ₃ from 0.73 to 6.45 eV. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2012, 30, . | 1.2 | 11 |
| 22 | Co-Ru/SiC impregnated with ethanol as an effective catalyst for the Fischer-Tropsch synthesis. Applied Catalysis A: General, 2012, 419-420, 31-40. | 4.3 | 58 |
| 23 | Microstructural and Magnetic Investigations of W ^{1/4} stite-Spinel Core-Shell Cubic-Shaped Nanoparticles. Chemistry of Materials, 2011, 23, 2886-2900. | 6.7 | 149 |
| 24 | Spin Canting of Maghemite Studied by NMR and In-Field Mössbauer Spectrometry. Journal of Physical Chemistry C, 2010, 114, 8794-8799. | 3.1 | 43 |