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List of Publications by Year
in descending order

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18	271	932766 10	887659 17
papers	citations	h-index	g-index

19	19	19	303
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Excess of cations in the sol-gel synthesis of cobalt ferrite (CoFe2O4): A pathway to switching the inversion degree of spinels. Journal of Magnetism and Magnetic Materials, 2019, 482, 1-8.	1.0	57
2	Sol-gel synthesis of substoichiometric cobalt ferrite (CoFe2O4) spinels: Influence of additives on their stoichiometry and magnetic properties. Ceramics International, 2018, 44, 12381-12388.	2.3	49
3	3D CNT macrostructure synthesis catalyzed by MgFe2O4 nanoparticlesâ€"A study of surface area and spinel inversion influence. Applied Surface Science, 2017, 422, 321-330.	3.1	24
4	Conductivity dynamics of metallic-to-insulator transition near room temperature in normal spinel CoFe₂O₄ nanoparticles. Journal of Materials Chemistry C, 2018, 6, 4720-4726.	2.7	19
5	Nanoscale synthesis of single-phase forsterite by reverse strike co-precipitation and its high optical and mechanical properties. Ceramics International, 2017, 43, 16225-16231.	2.3	18
6	Li2O-ZrO2-SiO2/Al2O3 nanostructured composites for microelectronics applications. Journal of the European Ceramic Society, 2019, 39, 491-498.	2.8	18
7	Tunable green/red luminescence by infrared upconversion in biocompatible forsterite nanoparticles with high erbium doping uptake. Optical Materials, 2018, 76, 407-415.	1.7	16
8	Luminescent anti-reflection coatings based on Er3+ doped forsterite for commercial silicon solar cells applications. Solar Energy, 2018, 170, 752-761.	2.9	14
9	Role of the fuel stoichiometry and post-treatment temperature on the spinel inversion and magnetic properties of NiFe2O4 nanoparticles produced by solution combustion synthesis. Materials Research Bulletin, 2021, 138, 111238.	2.7	12
10	The impact of the reaction atmosphere on the additive-free growth of Mg2B2O5 nanorods. Ceramics International, 2019, 45, 6228-6235.	2.3	11
11	CNT sponges with outstanding absorption capacity and electrical properties: Impact of the CVD parameters on the product structure. Ceramics International, 2019, 45, 13761-13771.	2.3	10
12	Correlation of synthesis parameters to the structural and magnetic properties of spinel cobalt ferrites (CoFe2O4) â€“ an experimental and statistical study. Journal of Magnetism and Magnetic Materials, 2022, 550, 169128.	1.0	9
13	Ecofriendly synthesis of MWCNTs by electric arc in aqueous medium: Comparative study of 6B pencil and mineral graphite. International Journal of Applied Ceramic Technology, 2020, 17, 2357-2367.	1.1	4
14	One-step synthesis of carbon nanoflowers by arc discharge in water. Ceramics International, 2020, 46, 26229-26232.	2.3	3
15	Mg2SiO4:Er3+ Coating for Efficiency Increase of Silicon-Based Commercial Solar Cells. Smart Innovation, Systems and Technologies, 2017, , 820-828.	0.5	3
16	Rare-Earth Doped Forsterite: Anti-reflection Coating with Upconversion Properties as Solar Capture Solution. Engineering Materials, 2019, , 103-130.	0.3	2
17	Energy conversion dynamics of novel lanthanide-doped forsterite photoactive devices. Applied Surface Science, 2021, 561, 150059.	3.1	1
18	Carbon Nanotubes for Gas Sensing. Engineering Materials, 2022, , 55-71.	0.3	1