

Mohammad El-Hilo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1224643/publications.pdf>

Version: 2024-02-01

20
papers

1,556
citations

361413

20
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1539
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic interactions in Co ²⁺ doped ZnO synthesised by co-precipitation method: Efficient effect of hydrogenation on the long-range ferromagnetic order. Journal of Magnetism and Magnetic Materials, 2019, 482, 125-134.	2.3	26
2	Revealing a room temperature ferromagnetism in cadmium oxide nanoparticles: an experimental and first-principles study. RSC Advances, 2015, 5, 33233-33238.	3.6	39
3	Structural and magnetic properties of Mn-doped ZnO nanocrystals. Physica E: Low-Dimensional Systems and Nanostructures, 2014, 56, 107-112.	2.7	52
4	Structural, optical and magnetic characterizations of Mn-doped MgO nanoparticles. Materials Chemistry and Physics, 2014, 143, 1500-1507.	4.0	54
5	Structural and magnetic properties of Mn-doped ZnO powders. Journal of Magnetism and Magnetic Materials, 2011, 323, 2202-2205.	2.3	73
6	Ferromagnetic nanocrystalline Gd-doped ZnO powder synthesized by coprecipitation. Journal of Applied Physics, 2010, 107, .	2.5	111
7	Room temperature ferromagnetism in nanocrystalline Ni-doped ZnO synthesized by co-precipitation. Journal of Magnetism and Magnetic Materials, 2009, 321, 2279-2283.	2.3	104
8	A model of interaction effects in granular magnetic solids. Journal of Applied Physics, 1998, 84, 5114-5122.	2.5	161
9	The observation of multi-axial anisotropy in ultrafine cobalt ferrite particles used in magnetic fluids. Journal of Magnetism and Magnetic Materials, 1995, 149, 14-18.	2.3	100
10	The effect of interactions on GMR in granular solids. Journal of Applied Physics, 1994, 76, 6811-6813.	2.5	40
11	Models of slow relaxation in particulate and thin film materials (invited). Journal of Applied Physics, 1994, 76, 6407-6412.	2.5	58
12	Magnetic properties of barium hexaferrite powders. Journal of Magnetism and Magnetic Materials, 1994, 129, 339-347.	2.3	38
13	Determination of f_0 for fine magnetic particles. Journal of Magnetism and Magnetic Materials, 1993, 125, 345-350.	2.3	132
14	Superparamagnetism in fine particle dispersions. Journal of Magnetism and Magnetic Materials, 1993, 122, 129-133.	2.3	47
15	The characterisation of interaction effects in fine particle systems. IEEE Transactions on Magnetics, 1993, 29, 2608-2613.	2.1	94
16	The sweep rate dependence of coercivity in recording media. Journal of Magnetism and Magnetic Materials, 1992, 117, L307-L310.	2.3	67
17	Susceptibility phenomena in a fine particle system. Journal of Magnetism and Magnetic Materials, 1992, 114, 295-306.	2.3	161
18	Susceptibility phenomena in a fine particle system. Journal of Magnetism and Magnetic Materials, 1992, 114, 307-313.	2.3	79

#	ARTICLE	IF	CITATIONS
19	The ordering temperature in fine particle systems. Journal of Magnetism and Magnetic Materials, 1992, 117, 21-28.	2.3	67
20	The origin of non-linear $\ln(t)$ behaviour in the time dependence of magnetisation. Journal of Magnetism and Magnetic Materials, 1992, 109, L164-L168.	2.3	53