

C N Marin

List of Publications by Year in descending order

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23
papers

184
citations

1162367

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1125271

13
g-index

23
all docs

23
docs citations

23
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	Dielectric Behavior of Some Ferrofluids in Low-Frequency Fields. Journal of Colloid and Interface Science, 2002, 251, 73-77.	5.0	27
2	The influence of particle concentration and polarizing field on the resonant behaviour of magnetic fluids. Journal of Physics Condensed Matter, 2003, 15, 4739-4750.	0.7	24
3	Microwave dielectric properties of magnetite colloidal particles in magnetic fluids. Journal of Physics Condensed Matter, 2007, 19, 036104.	0.7	20
4	The effect of colloidal stabilization upon ferrimagnetic resonance in magnetic fluids in the presence of a polarizing magnetic field. Journal Physics D: Applied Physics, 2003, 36, 1227-1235.	1.3	16
5	The concept of ferrofluid preheating in the treatment of cancer by magnetic hyperthermia of tissues. Medical Hypotheses, 2018, 110, 76-79.	0.8	13
6	Effect of the concentration of precursors on the microwave absorbent properties of Zn/Fe oxide nanopowders. Journal of Nanoparticle Research, 2011, 13, 311-319.	0.8	11
7	Microwave propagation parameters in magnetic fluids. European Physical Journal E, 2009, 29, 299-303.	0.7	10
8	Absorbing materials with applications in radiotherapy and radioprotection. Radiation Protection Dosimetry, 2014, 162, 167-170.	0.4	9
9	Temperature dependence of the dynamic electrical properties of $Cu_{1-x}Mn_xO_2$ ($x \in [0, 0.06]$) cerdnerite materials. Ceramics International, 2018, 44, 11610-11616.	2.3	9
10	Theoretical evaluation of the heating rate of ferrofluids. Journal of Thermal Analysis and Calorimetry, 2015, 119, 1199-1203.	2.0	8
11	The dependence of the effective anisotropy constant on particle concentration within ferrofluids, measured by magnetic resonance. Journal Physics D: Applied Physics, 2001, 34, 1466-1469.	1.3	6
12	Microwave specific loss power of magnetic fluids subjected to a static magnetic field. European Physical Journal E, 2008, 27, 145-8.	0.7	5
13	Local arrangement of particles in magnetic fluids due to the measurement alternating field. Journal of Magnetism and Magnetic Materials, 2017, 438, 116-120.	1.0	5
14	Magneto-dielectric spectroscopy of magnetic fluids. Magnetohydrodynamics, 2013, 49, 270-276.	0.5	5
15	Magnetically tuning microwave propagation parameters in ferrofluids. European Physical Journal E, 2021, 44, 83.	0.7	4
16	On the significance of the area under the after-effect function curve of a magnetic fluid. Journal of Physics Condensed Matter, 2008, 20, 204108.	0.7	3
17	On the determination of the dynamic properties of a transformer oil based ferrofluid in the frequency range 0.1-20 GHz. Journal of Magnetism and Magnetic Materials, 2017, 423, 61-65.	1.0	3
18	Ferrofluid Microwave Devices With Magnetically Controlled Impedances. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
19	Complex Impedance of Manganese Ferrite Powders Obtained by Two Different Methods. Annals of West University of Timisoara: Physics, 2015, 58, 14-26.	0.2	2
20	The Effect of Particle Concentration on the Heating Rate of Ferrofluids for Magnetic Hyperthermia. Annals of West University of Timisoara: Physics, 2015, 58, 81-88.	0.2	1
21	The effect of a polarizing magnetic field on the dynamic properties and the specific absorption rate of a ferrofluid in the microwave range. Soft Materials, 2022, 20, S19-S29.	0.8	1
22	Magnetic Properties of the WC-Co Cermet Powders. , 2010, , .		0
23	Influence of the size of particles on the magnetic heating of a mixed ferrite. AIP Conference Proceedings, 2019, , .	0.3	0