

Suko Bagus Trisnanto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4042922/publications.pdf>

Version: 2024-02-01

19
papers

163
citations

1307366

7
h-index

1125617

13
g-index

19
all docs

19
docs citations

19
times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-range stray field mapping of statically magnetized nanoparticles using magnetoresistive sensor. <i>Journal of Applied Physics</i> , 2022, 131, 224902.	1.1	2
2	Power dissipation in magnetic nanoparticles evaluated using the AC susceptibility of their linear and nonlinear responses. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 517, 167401.	1.0	17
3	Magnetic particle imaging using linear magnetization response-driven harmonic signal of magnetoresistive sensor. <i>Applied Physics Express</i> , 2021, 14, 095001.	1.1	9
4	Effective Néel relaxation time constant and intrinsic dipolar magnetism in a multicore magnetic nanoparticle system. <i>Journal of Applied Physics</i> , 2021, 130, .	1.1	10
5	Magnetization Characteristics of Oriented Single-Crystalline NiFe-Cu Nanocubes Precipitated in a Cu-Rich Matrix. <i>Molecules</i> , 2020, 25, 3282.	1.7	2
6	High-Frequency Néel Relaxation Response for Submillimeter Magnetic Particle Imaging Under Low Field Gradient. <i>Physical Review Applied</i> , 2020, 14, .	1.5	10
7	Distributive Activation Volumes of Magnetically Interacting Nanostructures. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23732-23737.	1.5	4
8	Modulating relaxation responses of magnetic nanotracers for submillimeter imaging. <i>Applied Physics Letters</i> , 2019, 115, .	1.5	7
9	High intrinsic loss power of multicore magnetic nanoparticles with blood-pooling property for hyperthermia. <i>AIP Advances</i> , 2019, 9, .	0.6	8
10	Dipolar field-induced asymmetric magnetization hysteresis of immobile superparamagnetic nanoclusters. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 480, 132-137.	1.0	5
11	Enhanced specific loss power from Resovist [®] achieved by aligning magnetic easy axes of nanoparticles for hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 473, 148-154.	1.0	39
12	Influence of behaviors of magnetic particles in ferrofluids under alternating magnetic fields on harmonic responses. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 02CB17.	0.8	2
13	Dipolar magnetism and electrostatic repulsion of colloidal interacting nanoparticle system. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 02CC06.	0.8	4
14	Two-step relaxation process of colloidal magnetic nanoclusters under pulsed fields. <i>Applied Physics Express</i> , 2018, 11, 075001.	1.1	25
15	Complex Magnetization Harmonics of Polydispersive Magnetic Nanoclusters. <i>Nanomaterials</i> , 2018, 8, 424.	1.9	7
16	Brownian particle-kinetics in a superparamagnetic ferrofluid subjected to static magnetic-field. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	4
17	Optimizing coil system for magnetic susceptometer with widely-adjustable field-strength and frequency. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 02BD02.	0.8	1
18	Nonlinearity of dynamic magnetization in a superparamagnetic clustered-particle suspension with regard to particle rotatability under oscillatory field. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 400, 361-364.	1.0	7

#	ARTICLE	IF	CITATIONS
19	Magnetic sensor for sentinel lymph node biopsy using superparamagnetic beads. , 2012, , .		0