

# Suko Bagus Trisnanto

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

163  
citations

1307594

7  
h-index

1125743

13  
g-index

19  
all docs

19  
docs citations

19  
times ranked

143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced specific loss power from Resovist <sup>®</sup> achieved by aligning magnetic easy axes of nanoparticles for hyperthermia. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 473, 148-154.	2.3	39
2	Two-step relaxation process of colloidal magnetic nanoclusters under pulsed fields. <i>Applied Physics Express</i> , 2018, 11, 075001.	2.4	25
3	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.	2.3	17
4	Effective Néel relaxation time constant and intrinsic dipolar magnetism in a multicore magnetic nanoparticle system. <i>Journal of Applied Physics</i> , 2021, 130, .	2.5	10
5	High-Frequency Néel Relaxation Response for Submillimeter Magnetic Particle Imaging Under Low Field Gradient. <i>Physical Review Applied</i> , 2020, 14, .	3.8	10
6	Magnetic particle imaging using linear magnetization response-driven harmonic signal of magnetoresistive sensor. <i>Applied Physics Express</i> , 2021, 14, 095001.	2.4	9
7	High intrinsic loss power of multicore magnetic nanoparticles with blood-pooling property for hyperthermia. <i>AIP Advances</i> , 2019, 9, .	1.3	8
8	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.	2.3	7
9	Complex Magnetization Harmonics of Polydispersive Magnetic Nanoclusters. <i>Nanomaterials</i> , 2018, 8, 424.	4.1	7
10	Modulating relaxation responses of magnetic nanotracers for submillimeter imaging. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	7
11	Dipolar field-induced asymmetric magnetization hysteresis of immobile superparamagnetic nanoclusters. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 480, 132-137.	2.3	5
12	Brownian particle-kinetics in a superparamagnetic ferrofluid subjected to static magnetic-field. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	4
13	Dipolar magnetism and electrostatic repulsion of colloidal interacting nanoparticle system. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 02CC06.	1.5	4
14	Distributive Activation Volumes of Magnetically Interacting Nanostructures. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23732-23737.	3.1	4
15	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.	1.5	2
16	Magnetization Characteristics of Oriented Single-Crystalline NiFe-Cu Nanocubes Precipitated in a Cu-Rich Matrix. <i>Molecules</i> , 2020, 25, 3282.	3.8	2
17	Long-range stray field mapping of statically magnetized nanoparticles using magnetoresistive sensor. <i>Journal of Applied Physics</i> , 2022, 131, 224902.	2.5	2
18	Optimizing coil system for magnetic susceptometer with widely-adjustable field-strength and frequency. <i>Japanese Journal of Applied Physics</i> , 2016, 55, 02BD02.	1.5	1

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