

Rosy Eko Saputro

List of Publications by Year in descending order

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18
papers

150
citations

1307594

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h-index

1281871

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all docs

18
docs citations

18
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Fe ₃ O ₄ /Ag nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. Heliyon, 2020, 6, e05813.	3.2	30
2	Antibacterial Performance of Fe ₃ O ₄ /PEG-4000 Prepared by Co-precipitation Route. IOP Conference Series: Materials Science and Engineering, 0, 515, 012085.	0.6	14
3	Dependence of PEO content in the preparation of Fe ₃ O ₄ /PEO/TMAH ferrofluids and their antibacterial activity. Journal of Polymer Research, 2020, 27, 1.	2.4	14
4	Fabrication of Magnetite Nanoparticles Dispersed in Olive Oil and Their Structural and Magnetic Investigations. IOP Conference Series: Materials Science and Engineering, 2017, 202, 012008.	0.6	13
5	Functional Group and Magnetic Properties of Fe ₃ O ₄ Ferrofluids: The Impact of Dispersion Agent Composition. Journal of Physics: Conference Series, 2018, 1093, 012010.	0.4	13
6	Fabrication of Mn ₁ Zn ₁ Fe ₂ O ₄ ferrofluids from natural sand for magnetic sensors and radar absorbing materials. Heliyon, 2020, 6, e04577.	3.2	12
7	Preparation of Fe ₃ O ₄ /OA/DMSO Ferrofluids using a Double Surfactant System as Antifungal Materials Candidate. IOP Conference Series: Materials Science and Engineering, 0, 515, 012029.	0.6	10
8	Excellent antimicrobial performance of co-doped magnetite double-layered ferrofluids fabricated from natural sand. Journal of King Saud University - Science, 2020, 32, 3032-3038.	3.5	8
9	Nanostructure, Band Gap, and Antibacterial Activity of Spinel Fe ₂ MO ₄ /OO Magnetic Fluids. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012064.	0.3	7
10	Investigation of structural, magnetic and antibacterial activities of Cr _x Fe _{3-3x} O ₄ ferrofluids. Molecular Crystals and Liquid Crystals, 2019, 694, 60-72.	0.9	7
11	Effects of DMSO Content on the Optical Properties, Liquid Stability, and Antimicrobial Activity of Fe ₃ O ₄ /OA/DMSO Ferrofluids. Nano, 2020, 15, 2050067.	1.0	7
12	Investigation of Structural and Antifungal Behaviors of Nano-Sized Anatase Titanium Dioxide Synthesized by Co-Precipitation Route. Materials Science Forum, 2019, 966, 181-188.	0.3	3
13	Temperature effect on crystal structures, morphological shapes, and functional groups of zinc oxide. AIP Conference Proceedings, 2020, , .	0.4	3
14	Effects of the Annealing Temperature on the Structure Evolution and Antifungal Performance of TiO ₂ /Fe ₃ O ₄ Nanocomposites Manufactured from Natural Sand. Nano, 2021, 16, 2150017.	1.0	3
15	Exploring magnetic properties and antimicrobial activities of Co _{0.4} Fe _{2.6} O ₄ ferrofluids using olive oil as dispersant agent. AIP Conference Proceedings, 2020, , .	0.4	2
16	Facile synthesis of γ -Fe ₂ O ₃ /TiO ₂ multiphase nanohybrid particles from local iron sand as antifungal agent. AIP Conference Proceedings, 2020, , .	0.4	2
17	Hierarchical Structure and Magnetic Behavior of Zn-Doped Magnetite Aqueous Ferrofluids Prepared from Natural Sand for Antibacterial Agents. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200774.	0.8	2
18	Crystal Structure Evolution of Magnetite Ferrofluids: Effect of Heating Treatment. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012004.	0.6	0