

# Rosy Eko Saputro

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

150  
citations

1306789

7  
h-index

1281420

11  
g-index

18  
all docs

18  
docs citations

18  
times ranked

80  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Fe <sub>3</sub> O <sub>4</sub> /Ag nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. Heliyon, 2020, 6, e05813.	1.4	30
2	Antibacterial Performance of Fe <sub>3</sub> O <sub>4</sub> /PEG-4000 Prepared by Co-precipitation Route. IOP Conference Series: Materials Science and Engineering, 0, 515, 012085.	0.3	14
3	Dependence of PEO content in the preparation of Fe <sub>3</sub> O <sub>4</sub> /PEO/TMAH ferrofluids and their antibacterial activity. Journal of Polymer Research, 2020, 27, 1.	1.2	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.	0.3	13
5	Functional Group and Magnetic Properties of Fe <sub>3</sub> O <sub>4</sub> Ferrofluids: The Impact of Dispersion Agent Composition. Journal of Physics: Conference Series, 2018, 1093, 012010.	0.3	13
6	Fabrication of Mn <sub>1</sub> Zn <sub>1</sub> Fe <sub>2</sub> O <sub>4</sub> ferrofluids from natural sand for magnetic sensors and radar absorbing materials. Heliyon, 2020, 6, e04577.	1.4	12
7	Preparation of Fe <sub>3</sub> O <sub>4</sub> /OA/DMSO Ferrofluids using a Double Surfactant System as Antifungal Materials Candidate. IOP Conference Series: Materials Science and Engineering, 0, 515, 012029.	0.3	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.	1.6	8
9	Nanostructure, Band Gap, and Antibacterial Activity of Spinel Fe <sub>2</sub> MO <sub>4</sub> /OO Magnetic Fluids. IOP Conference Series: Earth and Environmental Science, 2019, 276, 012064.	0.2	7
10	Investigation of structural, magnetic and antibacterial activities of Cr <sub>x</sub> Fe <sub>3-3x</sub> O <sub>4</sub> ferrofluids. Molecular Crystals and Liquid Crystals, 2019, 694, 60-72.	0.4	7
11	Effects of DMSO Content on the Optical Properties, Liquid Stability, and Antimicrobial Activity of Fe <sub>3</sub> O <sub>4</sub> /OA/DMSO Ferrofluids. Nano, 2020, 15, 2050067.	0.5	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, , .	0.3	3
14	Effects of the Annealing Temperature on the Structure Evolution and Antifungal Performance of TiO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> Nanocomposites Manufactured from Natural Sand. Nano, 2021, 16, 2150017.	0.5	3
15	Exploring magnetic properties and antimicrobial activities of Co <sub>0.4</sub> Fe <sub>2.6</sub> O <sub>4</sub> ferrofluids using olive oil as dispersant agent. AIP Conference Proceedings, 2020, , .	0.3	2
16	Facile synthesis of $\hat{\pm}$ -Fe <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> multiphase nanohybrid particles from local iron sand as antifungal agent. AIP Conference Proceedings, 2020, , .	0.3	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.	0.3	2
18	Crystal Structure Evolution of Magnetite Ferrofluids: Effect of Heating Treatment. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012004.	0.3	0