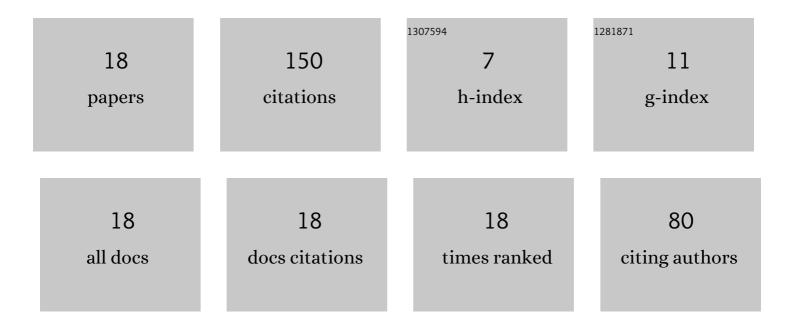
## Rosy Eko Saputro

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/729029/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Synthesis of Fe3O4/Ag nanohybrid ferrofluids and their applications as antimicrobial and antifibrotic agents. Heliyon, 2020, 6, e05813.	3.2	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.	0.6	14
3	Dependence of PEO content in the preparation of Fe3O4/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 <sub>3</sub> O <sub>4</sub> Ferrofluids: The Impact of Dispersion Agent Composition. Journal of Physics: Conference Series, 2018, 1093, 012010.	0.4	13
6	Fabrication of Mn1Zn Fe2O4 ferrofluids from natural sand for magnetic sensors and radar absorbing materials. Heliyon, 2020, 6, e04577.	3.2	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.	0.6	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 <sub>2</sub> MO <sub>4</sub> /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 <i><sub>x</sub></i> Fe <sub>3â^²</sub> <i><sub>x</sub></i> O <sub>4</sub> 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 <sub>3</sub> O <sub>4</sub> /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 TiO2/Fe3O4 Nanocomposites Manufactured from Natural Sand. Nano, 2021, 16, 2150017.	1.0	3
15	Exploring magnetic properties and antimicrobial activities of Co0.4Fe2.6O4 ferrofluids using olive oil as dispersant agent. AIP Conference Proceedings, 2020, , .	0.4	2
16	Facile synthesis of α-Fe2O3/TiO2 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