

# Ramli Ramli

## List of Publications by Year in descending order

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44  
papers

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citations

1307594

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1125743

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Polystyrene/CuO-Fe <sub>2</sub> O <sub>3</sub> Nanocomposites from Natural Materials as Hydrophobic Photocatalytic Coatings. Crystals, 2021, 11, 31.	2.2	8
2	A simple colorimeter based on microcontrollers to detect food dyes. Journal of Physics: Conference Series, 2020, 1528, 012066.	0.4	1
3	The electrical properties of NiFe <sub>2</sub> O <sub>4</sub> -PVDF nanocomposite prepared by sol-gel method. Journal of Physics: Conference Series, 2020, 1481, 012023.	0.4	1
4	Measurements and analysis of crystal structures of activated carbon of empty fruit bunch from oil palm biomass waste. Journal of Physics: Conference Series, 2020, 1528, 012031.	0.4	0
5	Microwave absorbent properties of Fe <sub>3</sub> O <sub>4</sub> nanoparticle from iron sand prepared by high energy milling ellips-3 dimension. Journal of Physics: Conference Series, 2020, 1481, 012026.	0.4	0
6	Microwave absorption properties of Fe <sub>3</sub> O <sub>4</sub> /PANi nanocomposites synthesized by sol-gel methods. Journal of Physics: Conference Series, 2020, 1481, 012006.	0.4	4
7	AN AMMONIA OPTICAL SENSOR SILICA MIROSPHERES DOPED WITH NICKEL(II) ION AND REFLECTANCE TRANSDUCTION. Rasayan Journal of Chemistry, 2020, 13, 860-867.	0.4	0
8	Satellite-based monitoring of forest cover change in indonesia using google earth engine from 2000 to 2016. Journal of Physics: Conference Series, 2019, 1317, 012046.	0.4	7
9	Preparation and characterization of thin film CoFe <sub>2</sub> O <sub>4</sub> /Zn/CoFe <sub>2</sub> O <sub>4</sub> by using spin-coating method. Journal of Physics: Conference Series, 2019, 1317, 012029.	0.4	0
10	Measurement of water polluted quality based on turbidity, pH, magnetic property, and dissolved solid. Journal of Physics: Conference Series, 2019, 1317, 012060.	0.4	3
11	Development of a Digital Dip Coating System Based Microcontroller. EKSAKTA Berkala Ilmiah Bidang MIPA, 2019, 20, 62-69.	0.1	0
12	Analysis of Crystal Structure of Fe <sub>3</sub> O <sub>4</sub> Thin Films Based on Iron Sand Growth by Spin Coating Method. IOP Conference Series: Materials Science and Engineering, 2018, 335, 012012.	0.6	2
13	Optical Properties of Fe <sub>3</sub> O <sub>4</sub> Thin Films Prepared from the Iron Sand by Spin Coating Method. IOP Conference Series: Materials Science and Engineering, 2018, 335, 012010.	0.6	7
14	Effect Of Milling Time on Particle Size of Forsterite (Mg <sub>2</sub> SiO <sub>4</sub> ) from South Solok District. IOP Conference Series: Materials Science and Engineering, 2018, 335, 012004.	0.6	5
15	Glucose Sensing Using Capacitive Biosensor Based on Polyvinylidene Fluoride Thin Film. Biosensors, 2018, 8, 12.	4.7	27
16	The Implementation of Physics Problem Solving Strategy Combined with Concept Map in General Physics Course. IOP Conference Series: Materials Science and Engineering, 2018, 335, 012077.	0.6	3
17	The Use of Tracker Application to Enchance Physics Teachers in Senior High School in Making Laboratory Video. Pelita Eksakta, 2018, 1, 31.	0.0	2
18	ANALISIS STRUKTUR NANO DARI LAPISAN TIPIS COBALT FERRITE YANG DIPREPARASI DENGAN METODE SPUTTERING. EKSAKTA Berkala Ilmiah Bidang MIPA, 2017, 18, 46-53.	0.1	4

#	ARTICLE	IF	CITATIONS
19	A comparative study of flat coil and coil sensor for landslide detection. AIP Conference Proceedings, 2016, , .	0.4	1
20	Electric field poling 2G V/m to improve piezoelectricity of PVDF thin film. AIP Conference Proceedings, 2016, , .	0.4	15
21	Development of alternating current transmitter of detection system for magnetic material in soil subsurface. AIP Conference Proceedings, 2016, , .	0.4	0
22	A Novel Ternary CoFe <sub>2</sub> O <sub>4</sub> /CuO/CoFe <sub>2</sub> O <sub>4</sub> as a Giant Magnetoresistance Sensor. Journal of Mathematical and Fundamental Sciences, 2016, 48, 230-240.	0.5	6
23	Effect of mechanical treatment and fabrication temperature on piezoelectric properties of PVDF film. AIP Conference Proceedings, 2015, , .	0.4	3
24	Simulation of the 2-dimensional Drude's model using molecular dynamics method. AIP Conference Proceedings, 2015, , .	0.4	0
25	Fluxgate Based Detection of Magnetic Material in Soil Subsurface. Applied Mechanics and Materials, 2015, 771, 55-58.	0.2	0
26	Development of Giant Magnetoresistance Material Based on Cobalt Ferrite. Acta Physica Polonica A, 2015, 128, B-19-B-23.	0.5	12
27	Effect of roll hot press temperature on crystallite size of PVDF film. , 2014, , .		0
28	Development of Ground Displacement Sensor based on Flat Coil Element for Detection of Landslide. IOSR Journal of Applied Physics, 2014, 6, 01-06.	0.1	2
29	Preparation of PVDF film using deep coating method for biosensor transducer applied. , 2013, , .		0
30	Effect of Mechanical Treatment Temperature on Electrical Properties and Crystallite Size of PVDF Film. Advances in Materials Physics and Chemistry, 2013, 03, 71-76.	0.7	27
31	The low frequency 2D vibration sensor based on flat coil element. , 2012, , .		1
32	Giant Magnetoresistance in (Ni <sub>60</sub> /Co <sub>30</sub> Fe <sub>10</sub> /Cu) Trilayer Growth by Opposed Target Magnetron Sputtering. Advanced Materials Research, 2012, 535-537, 1319-1322.	0.3	3
33	Development of Sensors Based on Giant Magnetoresistance Material. Procedia Engineering, 2012, 32, 60-68.	1.2	33
34	Development of a new giant magnetoresistance material based on organic material. , 2011, , .		0
35	Development of fluxgate sensors and its applications. , 2011, , .		6
36	The Preliminary Study Of Giant Magnetoresistance Sensor For Detection Of Oxygen In Human Blood. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
37	Biosensor Based on Giant Magnetoresistance Material. International Journal of E-Health and Medical Communications, 2010, 1, 1-15.	1.6	4
38	Giant magnetoresistance material and its potential for biosensor applications. , 2009, , .		4
39	GMR Biosensors for Clinical Diagnostics. , 0, , .		9
40	Thin Film of Giant Magnetoresistance (GMR) Material Prepared by Sputtering Method. Advanced Materials Research, 0, 770, 1-9.	0.3	4
41	Giant Magnetoresistance in FeMn/NiCoFe/Cu/NiCoFe Spin Valve Prepared by Opposed Target Magnetron Sputtering. Advanced Materials Research, 0, 979, 85-89.	0.3	4
42	Detection of Magnetic Material in Soil Subsurface Using Electromagnetic Induction Method Based on Fluxgate Sensor. Key Engineering Materials, 0, 675-676, 494-500.	0.4	0
43	Giant Magnetoresistance Sensors Based on Ferrite Material and Its Applications. , 0, , .		8
44	Biosensor Based on Giant Magnetoresistance Material. , 0, , 107-122.		1