Ramli Ramli

List of Publications by Year
in descending order

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44 papers	219 citations	1307594 7 h-index	1125743 13 g-index
44 all docs	44 docs citations	44 times ranked	272 citing authors

#	Article	IF	Citations
1	Development of Sensors Based on Giant Magnetoresistance Material. Procedia Engineering, 2012, 32, 60-68.	1.2	33
2	Glucose Sensing Using Capacitive Biosensor Based on Polyvinylidene Fluoride Thin Film. Biosensors, 2018, 8, 12.	4.7	27
3	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
4	Electric field poling 2G V/m to improve piezoelectricity of PVDF thin film. AIP Conference Proceedings, 2016, , .	0.4	15
5	Development of Giant Magnetoresistance Material Based on Cobalt Ferrite. Acta Physica Polonica A, 2015, 128, B-19-B-23.	0.5	12
6	GMR Biosensors for Clinical Diagnostics. , 0, , .		9
7	Giant Magnetoresistance Sensors Based on Ferrite Material and Its Applications. , 0, , .		8
8	Synthesis and Characterization of Polystyrene/CuO-Fe2O3 Nanocomposites from Natural Materials as Hydrophobic Photocatalytic Coatings. Crystals, 2021, 11, 31.	2.2	8
9	Optical Properties of Fe3O4Thin Films Prepared from the Iron Sand by Spin Coating Method. IOP Conference Series: Materials Science and Engineering, 2018, 335, 012010.	0.6	7
10	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
11	Development of fluxgate sensors and its applications. , 2011, , .		6
12	A Novel Ternary CoFe2O4/CuO/CoFe2O4 as a Giant Magnetoresistance Sensor. Journal of Mathematical and Fundamental Sciences, 2016, 48, 230-240.	0.5	6
13	Effect Of Milling Time on Particle Size of Forsterite (Mg2SiO4) from South Solok District. IOP Conference Series: Materials Science and Engineering, 2018, 335, 012004.	0.6	5
14	Giant magnetoresistance material and its potential for biosensor applications. , 2009, , .		4
15	Thin Film of Giant Magnetoresistance (GMR) Material Prepared by Sputtering Method. Advanced Materials Research, 0, 770, 1-9.	0.3	4
16	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
17	Microwave absorption properties of Fe₃O₄/PANi nanocomposites synthesized by sol-gel methods. Journal of Physics: Conference Series, 2020, 1481, 012006.	0.4	4
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

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19	Biosensor Based on Giant Magnetoresistance Material. International Journal of E-Health and Medical Communications, 2010, 1, 1-15.	1.6	4
20	Giant Magnetoresistance in (Ni₆₀Co₃₀Fe₁₀/Cu) Trilayer Growth by Opposed Target Magnetron Sputtering. Advanced Materials Research, 2012, 535-537, 1319-1322.	0.3	3
21	Effect of mechanical treatment and fabrication temperature on piezoelectric properties of PVDF film. AIP Conference Proceedings, 2015, , .	0.4	3
22	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
23	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
24	The Preliminary Study Of Giant Magnetoresistance Sensor For Detection Of Oxygen In Human Blood. , 2010, , .		2
25	Analysis of Crystal Structure of Fe3O4Thin Films Based on Iron Sand Growth by Spin Coating Method. IOP Conference Series: Materials Science and Engineering, 2018, 335, 012012.	0.6	2
26	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
27	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
28	The low frequency 2D vibration sensor based on flat coil element. , 2012, , .		1
29	A comparative study of flat coil and coil sensor for landslide detection. AIP Conference Proceedings, 2016, , .	0.4	1
30	A simple colorimeter based on microcontrollers to detect food dyes. Journal of Physics: Conference Series, 2020, 1528, 012066.	0.4	1
31	The electrical properties of NiFe2O4-PVDF nanocomposite prepared by sol-gel method. Journal of Physics: Conference Series, 2020, 1481, 012023.	0.4	1
32	Biosensor Based on Giant Magnetoresistance Material. , 0, , 107-122.		1
33	Development of a new giant magnetoresistance material based on organic material. , 2011, , .		0
34	Preparation of PVDF film using deep coating method for biosensor transducer applied. , 2013, , .		0
35	Effect of roll hot press temperature on crystallite size of PVDF film. , 2014, , .		0
36	Simulation of the 2-dimensional Drudeâ€™s model using molecular dynamics method. AIP Conference Proceedings, 2015, , .	0.4	0

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37	Fluxgate Based Detection of Magnetic Material in Soil Subsurface. Applied Mechanics and Materials, 2015, 771, 55-58.	0.2	0
38	Development of alternating current transmitter of detection system for magnetic material in soil subsurface. AIP Conference Proceedings, 2016, , .	0.4	0
39	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
40	Preparation and characterization of thin film CoFe2O4/Zn/CoFe2O4 by using spin-coating method. Journal of Physics: Conference Series, 2019, 1317, 012029.	0.4	0
41	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
42	Microwave absorbent properties of Fe₃O₄ nanoparticle from iron sand prepared by high energy milling ellips-3 dimension. Journal of Physics: Conference Series, 2020, 1481, 012026.	0.4	0
43	Development of a Digital Dip Coating System Based Microcontroller. EKSAKTA Berkala Ilmiah Bidang MIPA, 2019, 20, 62-69.	0.1	0
44	AN AMMONIA OPTICAL SENSOR SILCA MIROSPHERES DOPED WITH NICKEL(II) ION AND REFLECTANCE TRANSDUCTION. Rasayan Journal of Chemistry, 2020, 13, 860-867.	0.4	0