

CAPAIAN PENELITIAN DARI TAHUN 2018 – 2023 TENTANG SENSOR SUHU RENDAH

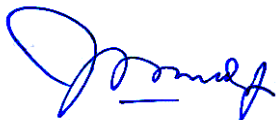
Nomor	Tahun	Penulis	Judul artikel ilmiah	Nama jurnal	Tingkat luaran	link
1	2018	M Toifur , N Agustin, A Khusnani	Performance Of Cu/Ni Thin Film Resulted By Electroplating Technique On The Depositon Time Variation As Low Temperature Sensor	3rd International Conference On Advanced Material For Better Future 2018 (3rd Icambf 2018)	Internasional	https://netapp.uns.ac.id/index.php?conference=icambf&schedConf=icambf2018&page=paper&op=viewPaper&path%5B%5D=4026
2	2018	A Khusnani, M Toifur	Resistivitas keping sensor suhu rendah lapisan tipis (Cu/Ni)/(Cu/Ni) dengan metode elektroplating pada variasi waktu deposisi	Quantum: Seminar Nasional Fisika, dan Pendidikan Fisika, 610-614	Nasional	http://seminar.uad.ac.id/index.php/quantum/article/view/330
3	2018	RD Prasetyo, M Toifur , A Khusnani	Hubungan suhu anil dengan perubahan nilai resistivitas lapisan tipis Cu/Ni Hasil deposisi menggunakan teknik elektroplating	Quantum: Seminar Nasional Fisika, dan Pendidikan Fisika, 597-604	Nasional	http://seminar.uad.ac.id/index.php/quantum/article/view/320
4	2018	M Toifur , Y Yuningsih, A Khusnani	Microstructure, thickness and sheet resistivity of Cu/Ni thin film produced by electroplating technique on the variation of electrolyte temperature	Journal of Physics: Conference Series 997 (1), 012053	Internasional (Scopus)	https://iopscience.iop.org/article/10.1088/1742-6596/997/1/012053/meta
5	2018	R Rismawan, M. Toifur	Signal processing of C-RTD Sensor output as the input to the instrument of low temperature monitoring using Arduino Uno Rev.3.	Indonesian Review of Physics 1 (2), 48-51.	Internasional	http://journal2.uad.ac.id/index.php/irip/article/view/809
6	2019	R Agung, M Toifur , A Khusnani	Pengaruh Suhu Anil Terhadap Ketebalan dan Resistivitas Lapisan Tipis Cu/Ni Hasil Elektroplating Berbantuan Medan Magnet	Prosiding Seminar Nasional Mahasiswa Unimus 2	Nasional	https://prosiding.unimus.ac.id/index.php/mahasiswa/article/view/496

7	2019	M Toifur , A Khusnani	Pengaruh medan magnet terhadap mikrostruktur dan resistivitas keping lapisan tipis Cu/Ni pada variasi konsentrasi larutan elektrolit	Seminar Nasional Fisika 1 (1), 462-467	Nasional	http://proceedings.upi.edu/index.php/sinafi/article/view/840
8	2019	P Nurhidayat, M Toifur , A Khusnani	Efek multilayer Cu (1)/Ni (1)/Cu (2)/Ni (2) terhadap kinerja sensor suhu rendah In2	Seminar Nasional Fisika 1 (1), 378-382	Nasional	http://proceedings.upi.edu/index.php/sinafi/article/view/825
9	2019	A Khusnani, M Toifur , G Maruto, Y Pramudya	The Effect of the Magnetic Field to the Microstructure and Sensitivity of Cu/Ni Film	Universal Journal of Electrical and Electronic Engineering 6, 84-89	Internasional (Scopus)	https://www.hrpub.org/journals/article_info.php?aid=8611
10	2020	ML Khansa, M Toifur , A Khusnani, Y Pramudya	Deposition Time Variation on Thickness and Resistivity of Cu/Ni Thin Film Obtained by Magnetic Field-Assisted Electroplating Process	Journal of Physics: Conference Series 1373 (1), 012013	Internasional (Scopus)	https://iopscience.iop.org/article/10.1088/1742-6596/1373/1/012029/meta
11	2020	J Wustha, M Toifur , A Khusnani	Thickness and Resistivities of Cu/Ni Film Resulted by Electroplating on the Various Electrolyte Temperature	Journal of Physics: Conference Series 1373 (1), 012029	Internasional (Scopus)	
12	2020	M Toifur , ML Khansa, A Khusnani	The Effect of Deposition Time on the Voltage Range and Sensitivity of Cu/Ni as Low-Temperature Sensor Resulted from Electroplating Assisted by a Transverse Magnetic Field	Key Engineering Materials 855, 185-190	Internasional (Scopus)	https://www.scientific.net/KEM.855.185
13	2020	M. Taufiqurrahman, M Toifur *, Ishafit, Okimustava, Azmi Khusnani	Effect of Solution Temperature on Voltage Range and Sensitivity of Low-Temperature Sensor Cu/Ni Results From Electroplating Assisted by Parallel Magnetic Fields	International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 11, Issue 10, October 2020, pp. 333-341	Internasional (Scopus)	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3736740
14	2020	D Setiamukti, A Khusnani, M Toifur	The effect of electrolyte concentration on the sensitivity of low-temperature sensor performance of Cu/Ni film	Science and Technology Indonesia 5 (2), 28-33	Nasional	https://sciencetechindonesia.com/index.php/jsti/article/view/233
15	2020	WA Wijanarka, M Toifur	Effect of Deposition Voltage on Layer Thickness, Microstructure, Cu/Ni Sheet	Indonesian Review of Physics 3 (1), 23-29	Internasional	http://journal2.uad.ac.id/index.php/irip/article/view

			Resistivity of Deposition Results by Magnetic Field Electroplating Assisted Technique			w/1530
16	2020	M Taufiqurrahman, M Toifur , I Ishafit, A Khusnani	Investigation on Effect of Solution Temperature on The Structure of Cu/Ni Layer in The Electroplating Assisted with Parallel Magnetic Field	Journal of Aceh Physics Society 9 (3), 59-64	Nasional	https://jurnal.usk.ac.id/JAcPS/article/view/16351
17	2020	M Toifur , N Agustin, A Khusnani	Investigation on Performance of Cu/Ni Film as Low Temperature Sensor	IOP Conference Series: Materials Science and Engineering 924 (1), 012024	Internasional (Scopus)	https://iopscience.iop.org/article/10.1088/1757-899X/924/1/012024/meta
18	2020	S Singgih, M Toifur , S Suryandari	Experimental Design in Constructing Low Temperature Sensor Based on Resistance Temperature Detector (RTD)	Indonesian Journal of Science and Education 4 (2), 99-110	Internasional (Scopus)	https://garuda.kemdikbud.go.id/documents/detail/2380785
19	2020	M. Ansarudin, M Toifur *, Okimustafa, Az14mi Khusnani	Microstructure And Resistivity Of The Electroplated Ni Aided By The Magnetic Field Parallel To The Electric Field On The Deposition Voltage Variation	International Journal of Advanced Research in Engineering and Technology (IJARET) Volume 11, Issue 10, October 2020, pp. 357-365	Internasional (Scopus)	file:///C:/Users/USER/Downloads/SSRN-id3736766%20(7).pdf
20	2021	WN Santi, M Toifur	Analysis of micro structure and the resistivity of Cu/Ni thin coat as a low temperature sensor using electroplating method assisted with magnetic field outside of the ion flow	Key Engineering Materials 885, 141-147	Internasional (Scopus)	https://www.scientific.net/KEM.885.141
21	2021	MI Aminudin, M Toifur , D Sulisworo	Determining the current profile along the anode-cathode line in Cu/Ni electrolyte by logger pro	Journal of Physics: Conference Series 2104 (1), 012002	Internasional (Scopus)	https://iopscience.iop.org/article/10.1088/1742-6596/2104/1/012002/meta

22	2021	M Ihsan, M Toifur , A Khusnani	Effect of Temperature of Electrolyte Solution On Cu/Ni Layer On Low-Temperature Voltage Range Measurement Performance	Indonesian Journal of Science and Education 5 (2), 106-110	Nasional	https://garuda.kemdikbud.go.id/documents/detail/2380773
23	2022	M Toifur , EA Jaladri, E Kurniasari, Y Latifah, M Taufiqurrahman	Magnetodeposited Nickel on Cu Substrate with the Angle Variation of Magnetic Field	Indonesian Review of Physics 5 (1), 1-7	Internasional	http://www.journal2.uad.ac.id/index.php/irip/article/view/5816
24	2022	M Toifur , Z Dina	Pembuatan Sensor Suhu Berbahan Kawat Kumparan dengan Indikator Intensitas Cahaya	JIPFRI (Jurnal Inovasi Pendidikan Fisika dan Riset Ilmiah) 6 (2), 72-78	Nasional	https://journal.unuha.ac.id/index.php/JIPFRI/article/view/1707
25	2023	ZA Rahmatika, M Toifur	Determining the Particle Size of Cu and Ni in Thin Cu/Ni Films using the Williamson-Hall Method	Journal of Novel Engineering Science and Technology 2 (01), 26-33	Nasional	https://journal.iistr.org/index.php/JNEST/article/view/311
26	2023	RN Islamiyati, M Toifur	Penentuan Ukuran Butir (Particle Size) Cu dan Ni pada Lapisan Cu/Ni Menggunakan Metode Scherrer Termodifikasi	JIPFRI (Jurnal Inovasi Pendidikan Fisika dan Riset Ilmiah) 7 (2), 56-62	Nasional	https://journal.unuha.ac.id/index.php/JIPFRI/article/view/2294

Yogyakarta, 23 Maret 2024



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