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Position	Assistant Professor		
Scopus ID	57202772193		
Link google scholar	https://scholar.google.com/citations?hl=en&user=rNcvx28AAAAJ		
Academic Career	Doctoral Degree	University	Year
	Master degree	University	Year
	Material Physics	ITS Surabaya	2013
	Undergraduate degree	University	Year
	Material Physics	ITS Surabaya	2010
Employment	Position	Employer	Period
	Lecturer	FMIPA	2014
Research and development projects over the last 5 years	Name of project or research focus	Funding Sources/amount of financing (in million rupiah)	Period
	Analisis Pengaruh Arus Listrik Keadaan Discharge pada Lead Acid Redox Flow Battery (LARFB) Elektrolit Tunggal 3 Sel dan 6 Sel	HPP (Hibah peneliti pemula) UB / 25	2020
	Modifikasi Permukaan Serat Sabut kelapa Menggunakan Alkalisasi naoh berbantu paparan gelombang mikro	DPP-SPP / 9.9	2020
	Analisis Baterai Dinamis-Statis Asam Timbal 6 sel Dengan Elektrolit Asam Sulfat 30%	DPP/SPP FMIPA / 9.9	2019
	Rancang Bangun Redox Flow Battery (RFB) Asam Timbal Elektrolit Tunggal 3 Sel dan Karakteristiknya	HPP (Hibah peneliti pemula) UB / 22.5	2019
	Variasi temperature permukaan berdasarkan citra land surface temperature sebelum dan sesudah erupsi gunung anak krakatau selat sunda tahun 2018	HPP (Hibah peneliti pemula) UB / 22.5	2019
	Studi karakterisasi redox flow battery (rfb) asam timbal elektrolit tunggal untuk penyimpanan energi	HPP (Hibah peneliti pemula) UB / 27	2018
	Pengaruh luas permukaan elektroda terhadap efisiensi energi flow baterai lead acid	BOPTN MIPA / 20	2017
	Studi pemanfaatan arang sebagai	DPP/SPP FMIPA / 9.9	2017

	sumber karbon untuk pengerasan permukaan baja stainless aisi 316l		
	Flow Battery Elektrolit Tunggal sebagai alternatif penyimpan energi	DPP/SPP FMIPA / 10.5	2016
	Partners, if applicable		
Published Books	Title	Publisher	Year
Industry collaborations over the last 5 years	Project Titles	Partners	Period
Patents and proprietary rights	Titles		Year
Important publications over the last 5 years	Selected recent publications from a total of approx. (give total number): 9		
	1. Muhammad Ghufon, 2019, Electrode size influence on static and dynamic single cell lead-acid battery, TELKOMNIKA, 17(6): 1693-6930, (DOI: http://dx.doi.org/10.12928/telkomnika.v17i6.11913)		
	2. Muhammad Ghufon, 2019, The Study Of Plasma Parameter And The Effect Of Experiment Set Up Modification By Using Modeling Software, Malaysian Journal of Science, 38(3)		
	3. Muhammad Ghufon, 2019, Pengaruh Variasi Arus Pengisian Pengosongan Muatan Pada Model Baterai Lead Acid Terhadap Perubahan Efisiensi Energi, Jurnal Fisika Flux, 16(1): 2541-1713, (DOI: http://dx.doi.org/10.20527/flux.v16i1.5311)		
	4. Muhammad Ghufon, 2018, Optimasi Kapasitas Baterai Dinamis Asam Timbal (Redox Flow Battery), SMARTICS, 4(2), (DOI: https://doi.org/10.21067/smartics.v4i2.2666)		
	5. Muhammad Ghufon, 2018, Karakteristik Kuat Tarik dan Elongasi Bioplastik Berbahan Pati Ubi Jalar Cilembu dengan Variasi Jenis Pemlastis, Natural B, 4(4): 177-182		
	6. Muhammad Ghufon, 2018, Peningkatan Produksi Dan Kualitas Produk Olahan Camilan Keripik Ketela Di Kec. Trawas, Kab. Mojokerto, JIAT, 4(1): 700-703, (DOI: http://dx.doi.org/10.21776/ub.jiat.004.01.12)		
	7. Muhammad Ghufon, 2018, Relationship Between Current Discharge To Static And Dynamic Lead Acid Battery Performance, IJETSI, 3(6), (DOI: https://doi.org/10.1088/1742-6596/1595/1/012012)		
	8. Muhammad Ghufon, 2017, Simulasi 1D Pengaruh Tekanan Terhadap Densitas Elektron pada Plasma Argon DC Bias Discharge, SMARTICS, 2(1): 30-33.		
	9. Muhammad Ghufon, 2017, Analisis Efisiensi Energi Flow Baterai Lead Acid Keadaan Statis Dan Dinamis, ROTOR, 10(2): 42-46, (DOI: https://doi.org/10.1088/1742-6596/1595/1/012012)		

	https://doi.org/10.19184/rotor.v10i2.5912)		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Himpunan Fisika Indonesia	Member	2017-now