

Name	Dr. Istiroyah, S.Si., M.T.		
Position	Asisstant Professor		
Scopus ID	56012485100		
Link google scholar	https://scholar.google.com/citations?hl=en&user=LkG8pJ8AAAAJ		
Academic Career	Doctoral Degree	University	Year
	Material Engineering	Universitas Brawijaya	2016
	Master degree	University	Year
	Material Engineering	ITB Bandung	2002
	Undergraduate degree	University	Year
	Physics	Universitas Brawijaya	1998
Employment	Position	Employer	Period
	Lecturer	FMIPA	1999
Research and development projects over the last 5 years	Name of project or research focus	Funding Sources/ amount of financing (million rupiah)	Period
	Flowbattery 6 sel	DPP-SPP / 9.9	2019
	Pengaruh doping ion Na-Cl pada graphene	DPP-SPP / 9.9	2018
	Modifikasi permukaan baja austenitic stainless menggunakan karbon padat	BOPTN / 30	2017
	Low temperature plasma nitriding	JSPS / 30	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): 6		
	1. Istiroyah, 2019, Nitrogenation of Amorphous Silicone: Reactive Molecular Dynamics Simulation, J.Pure App. Chem.Res, 8: 197-207		
	2. Istiroyah, 2018, Characteristics of nitrided austenitic and martensitic stainless steels by RF-DC Plasma Nitriding, AIP Conference Proceedings, 1983: 050001 (DOI: https://doi.org/10.1063/1.5046274)		
	3. Istiroyah, 2018, Low Temperature Plasma Nitriding of Austenitic Stainless Steel, AIP Conference Proceedings, 1983: 050013 (DOI: https://doi.org/10.1063/1.5046274)		

	https://doi.org/10.1063/1.5046286)		
	4. Istiroyah, 2017, Effect of Sodium and Chlorine Doping on Optical Properties of Germanene: Density of Functional Theory Calculation, IOP Conference Series, 299: 012045 (DOI: https://doi.org/10.1088/1757-899X/299/1/012045)		
	5. Istiroyah, 2017, Characteristics of Low Temperature Carburized Austenitic Stainless Steels, IOP Conference Series, 299: 012048 (DOI: https://doi.org/10.1088/1757-899X/299/1/012048)		
	6. Istiroyah, 2016, Effect of Hydrogen Addition on the Characteristics of Nitrided Martensitic Stainless Steel AISI 420, Applied Mechanics and Materials, 836: 214-218 (DOI: https://doi.org/10.4028/www.scientific.net/AMM.836.214)		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Physics Society of Indonesia	Member	2017 - Now