

Name	Prof. Dr.rer.nat Muhammad Nurhuda		
Position	Professor		
Scopus ID	6602582826		
Link google scholar	https://scholar.google.com/citations?hl=en&user=AMsxmqcAAAAJ		
Academic Career	Doctoral Degree	University	Year
	Physics	Universitas Bielefeld, Jerman	1997
	Master degree	University	Year
	Undergraduate degree	University	Year
	Physics	Universitas Gadjah Mada	1989
Employment	Position	Employer	Period
	Lecturer	FMIPA	1990
Research and development projects over the last 5 years	Name of project or research focus	Funding Sources/amount of financing (in million rupiah)	Period
	Elektrolisis air yang dipercepat melalui integrase photocatalyst	Hibah Rektor / 99.8	2020
	Implementasi algoritma metode filter pada sistem multi elektron	Ristek DIKTI / 100	2019
	Desain dan komputasi material kuantum untuk peningkatan efisiensi sel surya dan termoelektrik	Hibah Rektor / 100	2019
	Pengembangan kompor biomassa vortex	Mandiri / 50	2016
	Partners, if applicable		
Published Books	Title	Publisher	Year
	Mendulang energi gratis dengan teknologi tepat guna	UB Press	2018
Industry collaborations over the last 5 years	Project Titles	Partners	Period
		Primestoves	2017
Patents and proprietary rights	Titles		Year
	Kompor Briket dengan pre-Heating dan pembakaran secara counter flow		2011
	Tungku penghangat anak ayam berbahan bakar briket dengan sistem pemanasan dan counter flow		2011

	Tungku berbahan bakar padat dengan pre-heating, counter flow dan pembakaran terdifusi	2011	
	Formula briket batubara	2011	
	Kompor biomassa dengan gasifikasi terpanaskan dan pembakaran turbulen	2010	
	Kompor biomassa dengan mekanisme gasifikasi terpanaskan dan pengaturan nyala api secara sendiri	2009	
	Kompor biomassa dengan pembakaran dua tingkat	2008	
	Kompor matahari tipe kotak dan alat masaknya	2008	
	Instalator esterifikasi biodiesel metode kontinyu menggunakan gelombang mikro	2007	
	Metode trans-esterifikasi kontinyu berbasis gelombang mikro untuk produksi biodiesel	2007	
Important publications over the last 5 years	Selected recent publications from a total of approx. (give total number): 3		
	1. (M. Nurhuda, 2020, Thermoelectric properties of Mexican-hat band structures, Adv. Nat. Sci.: Nanosci. Nanotechnol, 11: 015012 (DOI:))		
	2. (M. Nurhuda, 2017, Filter method without boundary-value condition for simultaneous calculation of eigenfunction and eigenvalue of a stationary Scrodinger equation on a grid, Phys. Rev. E., 96: 033302 (DOI:))		
	3. (M. Nurhuda, 2016, Revitalization of biomass fuel by implementing UB Earthen furnace to support the society's sustainability of energy : A Case study in subdistrict of Dau, Malang, Journal of Indonesian Applied Economics, 6: 142-154 (DOI:))		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Physics Society of Indonesia	Member	2017 – Now