Name	Mauludi Ariesto Pamungkas, Ph.D		
Position	Assistant Professor		
Scopus ID	52464268900		
Link google scholar	https://scholar.google.com/citations?hl=en&user=MypgtWoAAAAJ		
Academic Career	Doctoral Degree	University	Year
	Nanomaterial Science and Engineering	University Science and Technology (Korea)	2012
	Master degree	University	Year
	Physics	Universitas Indonesia	2001
	Undergraduate degree	University	Year
	Physics	Universitas Indonesia	1997
Employment	Position	Employer	Period
	Lecturer	FMIPA	2000
Research and development projects over the last 5 years	Name of project or research focus	Funding Sources/amount of financing (in million rupiah)	Period
	Pengaruh variasi doping Na-Cl terhadap sifat elektronik & magnetik ZnO dengan metode density functional theory	Hibah Doktor / 25	2020
	Implementasi algoritma metode filter pada sistem multi elektron	WCR tahun II / 96	2020
	Implementasi algoritma metode filter pada sistem multi elektron	WCR tahun I / 96	2019
	Perhitungan Teori Kerapatan Fungsional Pengaruh Penyerapan Adatom Alumunium Dan Fosfor Terhadap Elastisitas Silicene	DPP-SPP / 9.9	2018
	Sifat Elektronik dari Bahan Germanium	PUPT / 50	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): 7		
	1. (Mauludi A. Pamungkas, 2020, The Energy Spectrum of Imperfect Kronig-Penney Model, International Journal of Innovative Technology and Exploring Engineering (IJITEE)		
	2. Mauludi A. Pamungkas, 2020, First Principles Research on The Magnetic Properties of Na and Cl doped ZnO, International Journal of Innovative Technology and Exploring Engineering (IJITEE)		
	3. Mauludi A. Pamungkas, 2020, The Electronic Structure of Ga-Doped Hydrogen-Passivated, Germanene: First Principle Study, Key Engineering Materials (DOI: https://doi.org/10.4028/www.scientific.net/KEM.833.157)		
	4. Mauludi A. Pamungkas, 2019, Nitrogenation of Amorphous Silicon: Reactive Molecular Dynamics Simulations, The Journal of Pure and Applied Chemistry Research, Vol 8, No 3, pp. 197-207		
	5. Mauludi A. Pamungkas, 2017, Simulasi Dinamika Molekular Reaktif Proses Amorfisasi Silikon Kristal, Jurnal sains Materi Indonesia (DOI: http://dx.doi.org/10.17146/jsmi.2017.18.3.4120)		
	6. Mauludi A. Pamungkas, 2016, Efek Doping Atom Arsenik pada Pita Energi Material Silicene Berdasarkan Perhitungan Teori Kerapatan Fungsional, Jurnal sains Materi Indonesia (DOI: http://dx.doi.org/10.17146/jsmi.2015.16.4.4221)		
	7. Mauludi A. Pamungkas, 2016, Effect of Hydrogenation Temperature on Distribution of Hydrogen atoms in c-Si and a-Si: Molecular Dynamic Simulations, Key Engineering Materials (DOI: https://doi.org/10.4028/www.scientific.net/KEM.706.55)		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Himpunan Fisika Indonesia	Member	2014-now