

Name	Johan Andoyo Effendi Noor., Drs., M.Sc., Ph.D.		
Position	Associate Professor		
Scopus ID	57193140477		
Link google scholar	https://scholar.google.com/citations?hl=en&user=PLP9HIQAAAAJ		
Academic Career	Doctoral Degree	University	Year
	Biophysics	The University of New South Wales	2007
	Master degree	University	Year
	Biophysics	The University of New South Wales	1997
	Undergraduate degree	University	Year
	Instrumentation 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
	Pengembangan Prototipe Sistem Perpustakaan Digital Nasional Terintegrasi dengan Pendekatan Berorientasi Layanan (Service-Oriented Approach) (Anggota)	Penelitian “Hibah Profesor Dan Doktor” Fakultas Ilmu Komputer / 25	2020
	Perbandingan Tingkat Kerusakan Organ dari Mencit yang Terpapar Rokok Elektrik dan Rokok Kretek (Anggota)	Penelitian DPP/SPP / 10	2020
	Efek Paparan Hairspray Pada Perubahan Sifat Dielektrik Organ Mencit (Anggota)	Penelitian DPP/SPP / 10	2019
	Studi dan Asesmen Radioaktivitas Alami dalam Tanah Persawahan dan Beberapa Tanaman Pangan di Jawa (Ketua)	Penelitian Unggulan PT / 114	2018
	Identifikasi keberadaan radikal bebas pada organ dari mencit yang terpapar obat nyamuk one push aerosol (Anggota)	Penelitian DPP/SPP / 11	2018
	Studi dampak emisi partikel dari kendaraan bermotor (Tahap 3)	Penelitian Unggulan PT / 395	2017

	(Anggota)		
	Perbandingan kerusakan organ pada mencit yang terpapar asap rokok, hairspray, air freshner, diazinon dan obat nyamuk one push aerosol	Penelitian DPP/SPP / 11	2017
	Studi dampak emisi partikel dari kendaraan bermotor (Tahap 2) (Anggota)	Penelitian Unggulan PT / 225	2016
	Analisis tingkat kerusakan organ dan dampak pemberian Antioksidan pada mencit yang terpapar radiasi gamma (studi kasus pada organ hati, sumsum, kulit, paru dan limpa) (Anggota)	Penelitian DPP/SPP / 11	2016
	Partners, if applicable		
Published Books	Title	Publisher	Year
	Electrical Impedance Tomography: A Low Frequency Approach	Lambert Academic Publisher	2010
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): 22		
	1. (Johan A. E. N., 2020, Correlation Between Exposure to Transfluthrin and the Change in Dielectric Properties and Deformed Cells of Mice, Pol. J. Environ. Stud., 30(1): 663–670, (DOI: https://doi.org/10.15244/pjoes/120771))		
	2. (Johan A. E. N., 2020, The association between the diesel exhaust particle exposure from bus emission and the tubular epithelial cell deformation of rats, Environ. Sci. Poll. Res., 27: 23073–23080, (DOI: https://doi.org/10.1007/s11356-020-08752-x))		
	3. (Johan A. E. N., 2020, Characterizing volcanic ash elements from the 2015 eruptions of Bromo and Raung volcanoes, Indonesia, Pol. J. Environ. Stud., 29(2): 1899–1907, (DOI: https://doi.org/10.15244/pjoes/99101))		
	4. (Johan A. E. N., 2019, How exposure to ultrafine and fine particles of car smoke can alter erythrocyte forms of male mice, Pol. J. Environ. Stud., 28(4); 2901–2910, (DOI: https://doi.org/10.15244/pjoes/94047))		
	5. (Johan A. E. N., 2019, The effects of transfluthrin as the active substance of one push aerosol repellent on organs damage of mice (mus musculus) (case study of lung, liver, bloods, and kidney), International Journal of		

	GEOMATE, Special Issue on Science, Engineering & Environment, 16(55): 113 – 118, (DOI: https://doi.org/10.21660/2019.55.8260))
	6. (Johan A. E. N., 2019, Transfer factors analysis of 210Pb and 40K natural radionuclides from paddy fields to rice plants in Malang Raya, East Java, Int. Res. J. Adv. Eng. Sci., 4(2): 343-347, (DOI:))
	7. (Johan A. E. N., 2019, Pengaruh penambahan putih telur untuk meningkatkan kuat tarik pita tanam organik, Natural B, 5(1): 1-6, (DOI:))
	8. (Johan A. E. N., 2018, Comparison of lung damages due to petrol and diesel car smoke exposures: histological study, International Journal of GEOMATE, Special Issue on Science, Engineering & Environment, 15(49): 124 -129, (DOI: https://doi.org/10.21660/2018.49.3718))
	9. (Johan A. E. N., 2018, Varied dose exposures to ultrafine particles in the motorcycle smoke cause kidney cell damages in male mice, Toxicology Reports, 5: 383-389, (DOI: https://doi.org/10.1016/j.toxrep.2018.02.014))
	10. (Johan A. E. N., 2018, The automatic transmission motorcycle ultrafine particles PM 0.1 effects in the alveolar enlargement, depleted of septum alveolus, and lung inflammation, Jurnal Berkala Penelitian Hayati, 24(1): 37-42, (DOI:))
	11. (Johan A. E. N., 2018, Evaluation of entrance surface dose and quality of radiograph in thorax radiological examination, Journal of Global Pharma Technology, 10(10), (DOI:))
	12. (Johan A. E. N., 2018, Association of diesel exhaust particle exposure with erythrocytes deformation of male mice, Applied Ecology and Environmental Research, 16(5): 5583-5593, (DOI:))
	13. (Johan A. E. N., 2017, A study of the correlation between ultrafine particle emissions in motorcycle smoke and mice erythrocyte damages, Experimental and Toxicologic Pathology, 69(8): 649-655, (DOI: https://doi.org/10.1016/j.etp.2017.06.003))
	14. "(Johan A. E. N., 2017, An observation of histological evidence on internal organ damages in mice caused by repeated exposures to motorcycle emissions, AIP Conference Proceedings, (1844): 020007, (DOI: https://doi.org/10.1063/1.4983418))"
	15. (Johan A. E. N., 2017, Study on Physicians Request for Computed Tomography Examinations for Patients with Head Injury in Hospital's Emergency Departments in East Java, Indonesia, International Referred Journal of Engineering and Science, 6(3):80-85, (DOI: 10.183x/K6328085))
	16. (Johan A. E. N., 2016, Measurements of PM2.5 motor emission concentrations and the lung damages from the exposure mice, ISSIMM 2016, 99-103, (DOI: https://doi.org/10.1109/ISSIMM.2016.7803731))
	17. (Johan A. E. N., 2016, Assessment the Awareness and Knowledge Level about Radiation Protection: An Empirical Study on the Radiology Professionals of the Radiology Departments, East Java Indonesia, International Referred Journal of Engineering and Science, 5(9):34-40,

	(DOI: 10.183x/E593440))		
	18. (Johan A. E. N., 2016, Efek ekstrak Sterculia quadrifida R. Br Terhadap potensial membran sel telur Oreochromis niloticus akibat pencemaran Pb, Natural B, 3(34): 235-240, (DOI:))		
	19. (Johan A. E. N., 2016, Estimasi dosis efektif out of field dalam radioterapi LINAC Varian iX pada kanker serviks, Natural B, 3(3): 235-240, (DOI:))		
	20. (Johan A. E. N., 2016, Tanggapan Dosimeter Lensa Mata Personal Menggunakan TLD-900 (CaSO ₄ :Dy) pada Medan Radiasi Beta dan Foton, Natural B, 3(3): 241-246, (DOI:))		
	21. (Johan A. E. N., 2016, Evaluasi Akurasi Aktivitas dan Dosis Internal Tc-99m Menggunakan Kamera Gamma Mediso Anyscan-S Dual Head dan Fantom Antropomorfik, Natural B, 3(3): 247-252, (DOI:))		
	22. (Johan A. E. N., 2016, Identifikasi Pengaruh Penambahan Ekstrak Buah Duwet (Syzygium cumini) pada Filter Rokok terhadap Karakter Magnetik Asap Rokok, Natural B, 3(3): 260-265, (DOI:))		
Activities in specialist bodies over the last 5 years	Organization	Role	Period
	Physics Society of Indonesia	Member	2017 - Now