



Evi Yufita, S.Si, M.Si

Position	Nuclear Physics, Fundamental Physics (Bachelor Degree of Physics Study Programme)
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Academic Career	<p>Magister Course: Institut Teknologi Bandung (ITB), Indonesia - Physics Department (1999 - 2001)</p> <p>Bachelor Course: Universitas Syiah Kuala (USK), Indonesia - Physics Department (1990- 1994)</p>
Employment	Assistant Professor of Physics Dept., FMIPA, USK (2002 – present)
Research and development projects (last 5 years)	<ol style="list-style-type: none"> Pengembangan Material Penyimpan Hidrogen MgH₂ Menggunakan Silika Alami Berbasis Sekam Padi dan Nikel Sebagai Katalis, 35.000.000/2020. Sintesis dan Karakterisasi Mikrosfer Polimer Berbasis Metakrilat untuk Aplikasi Matrik Biosensor, 24.000.000/2023. <p>Pengukuran dan Identifikasi aktivitas gelombang otak pada berbagai objek dan perlakuan naracoba menggunakan electroencephalogram (EEG), 44.800.000/2024</p>
Collaborations (last 5 years)	Rumah sakit umum daerah dr. Zainal Abidin banda aceh - internship prograde
Patents and proprietary rights	-
Selective Publications (last 5 years)	<ol style="list-style-type: none"> Evi Yufita, Teuku Muhammad Shadiq Maula, Gunawati Gunawati, Peter Lloyd Woodfield, Elin Yusibani (2025) Physical and Chemical Properties of Gayo Coffee Brewed by Boiling Method with Variation of Particle Coffee Ground, <i>Jurnal Ilmu Fisika</i>, 17, 1, 1979-4657. Evi Yufita, Fitriani, Fasbir, Rini Safitri (2024) ANALISA PENGARUH FUNGSI JARAK PESAWAT SINAR-X TERHADAP SEBARAN DOSISI RADIASI DI RUANG LABORATORIUM KLINIK, <i>Relativitas</i>, 7, 94-101, 2654-4172. Ismail, Agus Marni, Evi Yufita, Adi Rahwanto, Siti Hajar Sheikh Md Fadzullah (2024) Effect of Composition on Physical, Mechanical, and Thermal Properties of Oil Palm Empty Fruit Bunch Epoxy Resin Biocomposite of Oil Palm Empty Fruit Bunch Epoxy Resin Biocomposite, <i>Key Engineering Materials</i>, 1001, 99-109, 1662-9795. F.M. Djuned, M. Faisal, R.F. Adinda, A. Gani and E. Yufita (2024) EDIBLE COATING FROM CHITOSAN-MODIFIED YOUNG COCONUT SHELL LIQUID SMOKE AS A PHYTOPRESERVATIVE FOR SAUSAGE, <i>Rasayan Journal of Chemistry (RJC)</i>, 17, 146 sd 153, 0974-1496. Gunawati; U. Mahera; Zakaria; E. Yufita; Zulfalina; Adi Setiawan (2024) Thermal conductivity measurement of NaCl produced traditionally in Aceh as raw material for energy storage application, <i>Journal of Physics</i>, 3082, 040032-1 sd 040032-8 , 1551-7616. Evi Yufita, Sri Intan Bascin, Zulfalina, Irhamni, Malahayati, Mursal , Rini Safitri (2023) ANALISA PENGARUH FAKTOR EKSPOSI PESAWAT SINAR-X TERHADAP DENSITAS OPTIK FILM RADIOGRAFI, <i>Hadron Jurnal Fisika dan Terapan</i>, No.01., 9-14, E-ISSN: 2715-9469. Edwar Iswardy, Munzir, Evi Yufita (2022) Improvements to conventional methods for determining lung cancer areas from CT scan images using ImageJ - software, <i>Journal of Physics: Theories and Applications</i>, No.2, , 97-105, E-ISSN: 2549-7324 / P-ISSN: 2549-7316. Evi Yufita, Zulfalina, Muhammad Ilham Nur, Fatriah dan Zulkarnain Jalil (2022) PENGARUH EKSTRAK KULIT BUAH NAGA MERAH DAN DAUN TREMBESI SEBAGAI PENGHAMBAT KOROSI PADA BAJA A36 DALAM LARUTAN HCL 3%, <i>Indonesian Journal of Applied Physics (IJAP)</i>, 1: 99, p-ISSN 2089 – 0133 e-ISSN 2477-6416. Malahayati, Evi Yufita, Ismail Ismail, Mursal Mursal, Rinaldi Idroes, Zulkarnain Jalil (2021) The Effect of Natural Silica from Rice Husk Ash and Nickel as a Catalyst on the Hydrogen Storage Properties of MgH₂, <i>Journal of Ecological Engineering</i>, 22 (11), 79–85, 2299-8993. M. Malahayati, Evi Yufita, I. Ismail, M. Mursal, Rinaldi Idroes, Zulkarnain Jalil (2021) Hydrogen Desorption Properties of MgH₂ + 10 wt% SiO₂ + 5 wt% Ni Prepared by Planetary Ball Milling, <i>Bulletin of Chemical Reaction Engineering & Catalysis (BCREC)</i>, 16 (2), 280-285, 1978-2993. Evi Yufita, Muhammad Isa dan Aztarina Ermy Vijaya (2020) Kajian Senyawa Kimia Air pada Kawasan Panas Bumi: Studi Kasus Fluida Panas Bumi Jaboi, Pulau Weh, <i>J. Aceh Phys.Soc. (JAcPS)</i>, 9: 20-25, 2355-289.
Membership	Physical Society of Indonesia (PSI) (2024/2025)
External Link	https://fisika.usk.ac.id/evi-yufita-s-sim-si/