STAFF HANDBOOK

Name	**Prof. Dr. Munasir, S.Si., M.Si.**		
Position	***Lecturer of Material Physics, in Department of physics***		
	Associate Professor in Materials Science of Physics		
	Degree	***University***	***Year***
Academic Career	Doctoral Program at Physics Study Program	Institut Teknologi Sepuluh Nopember (ITS), Surabaya-Indonesia	2015
	Electron Microscopy Workshop: the design and application of electron microscopy for physical and biological materials	Institut Teknologi Sepuluh Nopember Surabaya (ITS), Indonesia	2010
	Master Program at Physics Study Program	Institut Teknologi Bandung (ITB), Bandung-Indonesia	2001
	Pre-Magister Qualification in Physics from Physics Department (non-degree training)	Bandung Institute of Technology (ITB), Bandung, Indonesia	1998
	Bachelor program at Physics Study Program	Institut Teknologi Sepuluh Nopember (ITS), Surabaya-Indonesia	1994
	Guest Researcher	Bundesanstalt fur Materialforschung und-prufung (BAM) Corrosion Laboratory within the German-Indonesia Collaboration on Geothermal Research, Berlin, Germany	2011
	Workshop of *X-ray* Diffraction	Institut Teknologi Sepuluh Nopember Surabaya (ITS), Indonesia	2012
	Nanotechnology Workshop (9th batch MNI): Synthesis and application of titania nanoparticles (TiO2)	Indonesia Society for Nanotechnology (MNI), Indonesia	2012
	Workshop of Characterization Tools for Nano Technology	Indonesia Society for Nanotechnology (MNI), Indonesia	2011
	Workshop of Materials Characterizations (*XRD, SEM-EDX and XRF*)	Institut Teknologi Sepuluh Nopember Surabaya (ITS), Indonesia	2011
	Workshop on Nanotechnology (6th batch MNI): submicron-	Indonesia Society for Nanotechnology (MNI), Indonesia	2010

	nanoparticle synthesis by the high energy milling (HEM) method		
	Government Employer at Ministry of Research, Technology and Higher Education as a Lecturer Institution (now Ministry of Education and Culture)	IKIP Negeri Surabaya, Indonesia	1995-1998
		Universitas Negeri Surabaya (Unesa), Surabaya, east Java, Indonesia	1998-now
Employment	***Position***	***Employer***	***Period***
	Lecturer on Physics Education of Study Program	IKIP Surabaya, Indonesia	1995-1998
	Assistant Professor on Physics Study Program	Universitas Negeri Surabaya, Indonesia	1999-2008
	Associate Professor on Physics Study Program	Universitas Negeri Surabaya, Indonesia	2009-2020
	Professor on Physics Study Program	Universitas Negeri Surabaya, Indonesia	2020-Now
	Head of Material Physics Laboratory	Physics Department, Universitas Negeri Surabaya, Surabaya-Indonesia	2015-now
	Secretary of the Physics Department	Physics Department, Universitas Negeri Surabaya, Surabaya-Indonesia	2016-2019
	Head of Physics Department	Physics Department, Universitas Negeri Surabaya, Surabaya-Indonesia	2019-Now
	Head of Physics Study Program	Physics Department, Universitas Negeri Surabaya, Surabaya-Indonesia	2019-Now
	Assessor for establishment of new study program	Ministry of Research and Technology and higher education (now, Ministry of Education and Culture), Indonesia	2017-Now
	Editor & Reviewer of Journal	JPFA, terindeks: DOAJ, Portal Garuda, Google Scolar, dan Scientific Journal WorldWide e-Librart; p-ISSN:2087-9946; e-ISSN:2477-1775	2017-Now
		Characterization of Materials, Elsivier Publisher	2019

Research and development projects over the last 5 years	**Research focus**	**Grant (IDR)**	**Year**
	Fabrikasi Membran Grafen Termodifikasi SiO2: Untuk Aplikasi Penyerap Limbah Organik (SiO2 Modified Graphene Membrane Fabrication: For Organic Waste Absorbent Applications)	60.000.000	2022
	Efektifitas Nanofiber Polyvynil Alcohol (PVA) sebagai Bahan Antimikroba pada Wound Dressing (Effectiveness of Polyvynil Alcohol (PVA) Nanofiber as Antimicrobial Material in Wound Dressing)	20.000.000	2022
	Pembuatan Free Energi Water Pump untuk Mengatasi Ketersediaan Kebutuhan Air pada Lahan Pertanian Masyarakat Bangil (Making Free Energy Water Pump to Overcome the Availability of Water Needs on Agricultural Land Bangil Society)	10.000.000	2022
	Nanokomposit Berbasis NPS untuk Aplikasi Elektroda Baterai Lithium-Ion (NPS-Based Nanocomposites for Lithium-Ion Battery	35.0000.000	2022

	Electrode Applications Fabrication of Fiber Nanostructured Anode Material for Lithium Ion Battery Application of Nanoparticles TiO2@PDA as an Environmentally Friendly Teeth Whitener)		
	Fabrikasi Material Anoda Berstruktur Nano Fiber untuk Baterai Lithium Ion (Fabrication of Fiber Nanostructured Anode Material for Lithium Ion Battery Application of Nanoparticles TiO2@PDA as an Environmentally Friendly Teeth Whitener)	70.000.000	2021
	Aplikasi Nanopartikel TiO2@PDA sebagai Pemutih Gigi yang Ramah Lingkungan (Application of Nanoparticles TiO2@PDA as an Environmentally Friendly Teeth Whitener)	40.000.000	2021
	Membran Mikropori Barbasis NPS untuk Aplikasi Sparator Baterai Lithium-Ion (NPS Barbasis Microporous Membrane for Lithium-Ion Battery Sparator Applications)	35.000.000	2021
	Graphene Nanocomposite (rGO/Fe_3O_4) as a filter material candidate in seawater desalination process (second year, research chair)	122.182.850	2020
	Pengaruh Proses Double Boiler Pada Pengolahan Daun Sirih (Piper Betle L.) Untuk Menjaga Kandungan Zat Tanin Sebagai Antiseptik Alami Dalam Pembuatan Hand Sanitizer Untuk Mencegah Penyebaran Covid-19	120.000.000	2020
	Transcript Based Lesson Analysis (TBLA) In Mathematic And Science Lesson By Online As An Alternative Learning Improvement At Covid19 Pandemic Era	140.000.000	2020
	Graphene Nanocomposite (rGO/Fe_3O_4) as a filter material candidate in seawater desalination process (first year, research chair)	139.182.850	2019
	Fabrication of Core-shell Fe_3O_4@ SiO_2 Nanoparticles and its Application as a Water Filter (third year, research chair)	222.826.000	2019
	Fabrication of Core-shell Fe_3O_4@ SiO_2 Nanoparticles and its Application as a Water Filter (second year, research chair)	120.000.000	2018
	The effectiveness of science orientation learning models and PBL models to train critical thinking skills of prospective physics teacher students (research member)	60.000.000	2017
	The structure and porosity of silica nanoparticles (SiO_2-NPs) for varying calcination temperatures (research member)	10.000.000	2017
	Core-shell Fe_3O_4@ SiO_2 Nanoparticles Fabrication and its Application as a Water Filter (first year, research chair)	55.321.000	2017
	Characterization of Li_5FeO_4 Materials as Battery Cathode Materials (Members of researchers)	10.000.000	2016
	Study of γ-alumina and γ-Al_2O_3/SiO_2 nano-order porosity and its application prospects (research	10.000.000	2016

	chair)		
	PANi-SiO_2/Acrylic Paint composite fabrication as an anti-corrosion material in a geothermal medium power plant (2nd year, research chair)	70.000.000	2016
	Potential Recipients of Intellectual Property Rights (UBER HKI) 2014, SK No: 2386 / E5.4 / HP.2014 (research member)	10.000.000	2016
	PANi-SiO_2/Acrylic Paint composite fabrication as an anti-corrosion material in a geothermal medium power plant (1st year, research chair)	63.000.000	2015
Patents and proprietary rights	**Patents Title**		**Year**
	Nanocomposite PANi-SiO_2/Acrylic Paint Material ascorrosion protector on Geothermal Media, Patent Number: **S00201909331**		2019
	Core-Shell Fe_3O_4@SiO_2 Nanomaterial: Fabrication Methode and Its Application, Patent Number: **S00201909333**		2019
	Synthesis method of SiO_2 Nanoparticles from Natural Sand (quartz sand) and Utilization as Reinforcement of Al/SiO2 Composite Anti-Corrosion Material, Patent Number: **IDP000432900**		2016
	Classical Mechanics I, Student textbook, Copyright-Number: **EC00201951587**		2019
	The Electrical materials, Student textbook, Copyright-Number: **EC00201951588**		2019
	Material Fabrication Method: Nanoparticles, Student textbook, Copyright-Number: **EC00201951589**		2019
	Thermodynamic: Problems and solving, Student textbook, Copyright-Number: **EC00201951590**		2019
	Fe_3O_4/SiO_2 Nanomaterials and Application, Monograph, Copyright-Number: **EC00201976375**		2019
Important publications over the last 5 years	**Journal**		**Year**
	Utami, Y. P., & **Munasir, M**. (2024). Efektifitas Membran GO-Fe3O4/PSF untuk Filtrasi Zat Warna dan NaCl dalam Air. Jurnal Inovasi Fisika Indonesia (IFI), 13(1), 7–13. https://doi.org/10.26740/ifi.v13n1.p7-13		2024
	Antika, A. D., & **Munasir, M**. (2023). Membran Pva Dengan Subtitusi Nps Disiapkan Dengan Metode Infersi: Sebagai Separator Baterai Li-Ion. Jurnal Inovasi Fisika Indonesia (Ifi), 12(1), 42–49. Https://Doi.Org/10.26740/Ifi.V12n1.P42-49		2023
	Okto, S. H. S., & **Munasir, M**. (2023). Review: Green Synthesis Nanopartikel Tio2 Sebagai Material Fotokatalis. Jurnal Inovasi Fisika Indonesia (Ifi), 12(2), 82–91. Retrieved From https://Ejournal.Unesa.Ac.Id/Index.Php/Inovasi-Fisika-Indonesia/Article/View/53183		2023
	Dwikoranto, D., Madlazim, M., Jatmiko, B., **Munasir, M**., & Deta, U. A. (2022). Pelatihan Produk Olahan Cabe Dimasa Pandemi Covid-19 Bagi Ibu PKK Cerme Gresik. Jurnal Inovasi Penelitian Dan Pengabdian Masyarakat, 2(1), 41-50. https://doi.org/10.53621/jippmas.v2i1.116		2022
	Solichatin, I., Wahono Widodo, & **Munasir, M**. (2022). Development of STEM-Based PjBL Model Science Learning Tools to Train Middle School Students' Creativity Through Flood Detection Alarm Project Taks. IJORER : International Journal of Recent Educational Research, 3(2), 224-238. https://doi.org/10.46245/ijorer.v3i2.209		2022
	Munasir, Ahmad Taufiq, Ambar Teraningsih, Diah Hari Kusumawati, Zainul Imam Supardi. Internat Nanosized Fe3O4/SiO2 core-shells fabricated from natural sands, magnetic properties, and their application for dye adsorption. Engineering and Applied Science Research 2022;49(3):340-352. DOI: 10.14456/easr.2022.35. ***Scopus Index (Q3), Sjr: 2,0.***		2021

	Ahmad Taufiq, ST. Ulfawanti Intan Subadra , Nurul Hidayat, Sunaryono, Arif Hidayat, Erfan Handoko, **Munasir,** Mudrik Alaydrus and Leamthong Chuenchom . Eco-Friendly Fabrication of Fe3O4/MWCNT/ZnO Nanocomposites from Natural Sand for Radar Absorbing Materials. Int. J. Nanosci. Nanotechnol., 17(1), March **2021**, pp. 41-53. *DOI: https://doi.org/10.1590/1980-5373-MR-2020-0010.* ***Scopus Index (Q2), Sjr:0342***	2021
	Ahmad Taufiq, Anggra D. Iswatin, Rosy E. Saputro, Chusnana I. Yogihati, Nurul Hidayat, Markus Diantoro, Sunaryono, Munasir. Fabrication of New Fe3O4 /PVA/(C6H7O6Na) n Nanohybrid Ferrogels for Antibacterial Applications. *Materials Research: ibero-american journal of materials Science.24 (2), **2021**:* e20200232*, pp: 1-8. DOI:* DOI: ***Scopus Index (Q2), Sjr:0,42***. https://doi.org/10.1590/1980-5373-MR-2020-0232	2021
	D H Kusumawati, N P Putri, Asnawi, T S Dewi and Munasir. 2020. Porosity Characteristics and Electrochemical Performance of rGO Coconut Shell as Supercapacitor Electrodes. Journal of Physics: Conference Series Vol 1491. https://iopscience.iop.org/article/10.1088/1742-6596/1491/1/012058	2020
	Moch. Saifur Rijal, Antony Mahendra , Kusuma Dwi Lestari, Aprillia Nurcahya Putri, Munasir Munasir, Diah Hari Kusumawati, Nugrahani Primary Putri, Zainul Arifin Imam, Nurul Hidayat , Ahmad Taufiq, and Sunaryono Sunaryono. 2020. Graphene from glucose coated silica sand for water purification applications. AIP Conf. Proc. 2251, 040010-1–040010-6. https://doi.org/10.1063/5.0015680	2020
	Munasir Munasir , Nurul Hidayat , Diah Hari Kusumawati , Nugrahi Primary Putri , Ahmad Taufiq , and Sunaryono Sunaryono. 2020. Amorphous-SiO2 nanoparticles for water treatment materials. AIP Conf. Proc. 2251, 040030-1–040030-7. https://doi.org/10.1063/5.0015673	2020
	Sunaryono Sunaryono, Nadiya Miftachul Chusna, Nandang Mufti, Munasir Munasir, Juniastel Rajagukguk, and Ahmad Taufiq. 2020. Investigation of magnetic properties and anti-microbial activity of Mn0.25Fe2.75O4 /Ag composites. AIP Conf. Proc. 2251, 040001-1–040001-8. https://doi.org/10.1063/5.0015666	2020
	Desi Kurnia Yunedi , Ahmad Taufiq , Arif Hidayat, Ainun Nikmah , Sunaryono , and Munasir. 2020. Preparation of black iron oxide nanoparticles covered by Zingiber officinale extract. AIP Conf. Proc. 2251, 040016-1–040016-6. https://doi.org/10.1063/5.0015628	2020
	Munasir, Mahdalysa Dayu. 2020. Graphene/SiO2 Nanocomposite From Natural Material. MSCEIS 2019, October 12, Bandung, Indonesia Copyright © 2020 EAI. DOI 10.4108/eai.12-10-2019.2296373	2020
	Munasir, R.P. Kusumawati, D.H. Kusumawati. 2020. Magnetic Properties of Fe3O4@Graphene: Preparation from Natural Material. Journal of Physics: Conference Series 1569 (2020) 042087 IOP Publishing. doi:10.1088/1742-6596/1569/4/042087	2020
	Munasir, N., Kusumawati, R.P., Kusumawati, D.H., Supardi, Z.A.I., Taufiq, A., Darminto. 2020. Characterization of Fe3O4/rGO composites from natural sources: Application for dyes color degradation in aqueous solution. International Journal of Engineering, Transactions A: Basics,Volume 33, Issue 1, 2020, Pages 18-27. http://www.ije.ir/article_101143.html	2020
	Munasir , Lydia Rohmawati, Ahmad Taufiq, and Darminto. 2020. Amorphous SiO2 Nanoparticles from Natural Sands: Structure and Porosity. Chiang Mai University Journal of Natural Sciences Vol. 19 (3), 563-579. http://DOI:10.12982/CMUJNS.2020.0073	2020
	Dwikoranto, Munasir, Rahyu Setiani, Suyitno, Wuwuh Asrining Surasmi Sri Tresnaningsih, Pramonoadi. 2020. Increasing the Potential of Student Science Process Skills Through Project Based Laboratory. Journal of Physics: Conference Series Vol 1569. https://iopscience.iop.org/article/10.1088/1742-6596/1569/4/042066	2020

	Dwikoranto, Munasir, R Setiani, Suyidno, W A Surasmi, S Tresnaningsih and Pramonoadi. 2020. Effectiveness of Project Based Laboratory Learning to Increase Student's Science Process Skills and Creativity. Journal of Physics: Conference Series Vol 1491. https://iopscience.iop.org/article/10.1088/1742-6596/1491/1/012006	2020
	Ahmad Taufiq, Sunaryono Sunaryono, Markus Diantoro, Arif Hidayat, Nurul Hidayat, **Munasir**, (2020). Fabrication of New Fe_3O_4/PVA/$(C6H7O6Na)_n$ Nanohybrid Ferrogels for Antibacterial Applications" which you submitted to the Materials Research, has been reviewed, Materials Research, *23(5),* ***2020****: e20200010, pp: 1-12. DOI:*	2020
	Ahmad Taufiq, Rosy Eko Saputro, Defi Yuliantika, Sunaryono Sunaryono, Markus Diantoro, Arif Hidayat, Nurul Hidayat, **Munasir Munasir**. (2020). Excellent Antimicrobial Performance of Co-Doped Magnetite Double-Layered Ferrofluids Fabricated from Natural Sand, *Journal of King Saud University-Science, 32(6),* ***2020****, pp:1-16 https://doi.org/10.1016/j.jksus.2020.08.009*	2020
	Munasir, A. Teraningtyas, N. Setyaningsih, Z.A.I. Supardi. (2020). Preparation, Characterization, and Application of Fe_3O_4/SiO_2 Core-Shell from Natural Sand for Adsorption of Methylene Blue in Water, *International Journal of Engineering (IJE) Belgrade University,*	2020
	Munasir, Lydia Rohmawati, Ahmad Taufiq, Darminto. (2020). Amorphous SiO_2 Nanoparticles from Natural Sands: Structure and Porosity, CMU J. Nat. Sci. (2020) 19 (3), pp: 563-579. DOI:*10.12982/CMUJNS.2020.0073*	2020
	Munasir, P.R Rahmawati, D.H Kusumawati, ZA Supardi, L. Rohmawati. *Characterization of Fe_3O_4@rGO Composite from Natural Materials: Study for Dyes Color (Methylene-Blue) Degradation in Aqueous Solution*, IJE Transaction-A (Basics), Belgrade University, WoS, Scopus Index (Q1), Vol 33(1), pp.12-22	2019
	Munasir, Triwikantoro, M.Zainuri, Ralp Baessler, Darminto. *Electrochemical and Microstructural Study on Corrosion of Al/SiO_2 Composites in 1 M NaCl Medium*, IJE Transaction-A (Basics), Belgrade University, WoS, Scopus Index (Q1), Vol 32(7), pp.982-990.	2019
	Munasir, Triwikantoro, M.Zainuri, Ralp Baessler, Darminto. *Mechanical strength and corrosion rate of Al/SiO_2 composites: prepared by active mixing medium and nanoparticle silica as reinforcement*, Journal of Physical Science (JPS). USM-Malaysia, Scopus Index, Q3, Vol 30(1), 2019, pp. 81–97	2019
	Munasir, A. J. Hairin Pribadi, Z. A. Imam Supardi, Moch. Zainuri, Triwikantoro, and Darminto, (2017). *Synthesis of Nano SiO2 Powders from Lusi with Continuous Method*, Advanced Science Letters,Scopus (Q4), 23(12), pp.12002-12006.	2018
	Budi Jatmiko, Binar Kurnia Prahani, **Munasir**, Z. A. Imam Supardi, Iwan Wicaksono, Nia Erlina, Paken Pandiangan, Rosyid Althaf, Zainuddin. (2018). *The comparison of or IPA teaching model and problem based learning model effectiveness to improve critical thinking skills of pre-service physics teachers*, Journal of Baltic Science Education, Scopus Q3, WoS, Vol 17, No 2, 2018, pp:300-319	2017
	Munasir, Triwikantoro, Mochamad Zainuri, Darminto: *Synthesis of SiO_2 Nanopowders Containing Quartz And Crystobalite Phases from Silica Sands*, Material Science of Poland (MSP) (De Gruyter), Q3, WoS, IF, *Vol.33(1),2015, pp:47-54*,	2015
	International Pocceding	
	N Hidayati, **Munasir.** Study of Electrical and Thermal Properties of PVANanosilica as A Candidate for Supercapacitor Separators. *J.Phys.: Conf.Ser.* **2110** 012012 (***2021***). Doi:10.1088/1742-6596/2110/1/012012	2021

	Munasir, Irna Indah Safitri. Hydrophobic Nanoparticles-Silica from Natural Sands with TMCS as Media. *IOP Conf. Ser.: Mater. Sci. Eng.* **1125** 012005 (***2021***). Doi:10.1088/1757-899X/1125/1/012005	2021
	Z A I Supardi, **Munasir,** A I Najihah , S Priyono and B Prihandoko. Electrochemical performances of lithium-ion coin cell based on Li4 Ti5 O12 anode. *IOP Conf. Series: Mater. Sci. Eng.* **1125** 012007(***2021***). Doi:10.1088/1757-899X/1125/1/012007	2021
	FU Ermawati, R. Sari , NP Putri , L Rohmawati , DH Kusumawati, **Munasir** and ZAI Supardi. Antimicrobial activity analysis of Piper betle Linn leaves extract from Nganjuk, Sidoarjo and Batu against Escherichia coli, Salmonella sp., Staphylococcus aureus and Pseudomonas aeruginosa. *J.Phys.:Conf.Ser.* **1951** 012004 (***2021***). Doi:10.1088/1742-6596/1951/1/012004	2021
	Dwikoranto, **Munasir,** Rahyu Setiani, Suyidno, A Rohman, Suprianto, Zainudin. Characteristics and practicality of problem-based project learning to improve process and product performances of prospective physics teachers*. J. Phys.: Conf. Ser.* **1899** 012173 (*2021*). Doi:10.1088/1742-6596/1899/1/012173	2021
	Istiqomah, L Rohmawati, W Setyarsih, A Hefdea, E Wulan Cahayani, **Munasir.** (2021) Application Titanium Dioxide Nanotube from Natural Source as Tooth Whitening. *J. Phys.: Conf. Ser.* **1805,** 012012 *(**2021**);* https://doi.org/10.1088/1742-6596/1805/1/012012	2021
	T P Pratiwi, **Munasir** and N Suprapto. (2021). Enhancing Students' Science Communication Skill: Validation of Learning Tools Based MORE Learning Model. *J. Phys.: Conf. Ser.* **1805,** 012014 *(**2021**);* https://doi.org/10.1088/1742-6596/1805/1/012014	2021
	Moch. Saifur Rijal, **Munasir*),** Diah Hari Kusumawati, Nugrahani Primary Putri,Zainul Arifin Imam, Nurul Hidayat, Ahmad Taufiq, and Sunaryono Sunaryono. (2020) Graphene from Glucose Coated Silica Sand for Water Purification Applications, AIP Conference, ***2251**, 040010 (**2020**).*	2020
	Munasir*), Nurul Hidayat, Diah Hari Kusumawati, Nugrahi Primary Putri, Ahmad Taufiq, and Sunaryono. (2020). Amorphous-SiO_2 Nanoparticles for Water Treatment Materials, AIP Conference, ***2251**, 040030 (**2020**).*	2020
	Sunaryono, Nadiya Miftachul Chusna, Nandang Mufti, **Munasir**, Juniastel Rajagukguk,and Ahmad Taufiq. (2020). Investigation of magnetic properties and anti-microbial activity of Mn0.25Fe2.75O4/Ag composites, AIP Conference, ***2251**, 040001 (**2020**)*	2020
	Desi Kurnia Yunedi, Ahmad Taufiq, Arif Hidayat, Ainun Nikmah, Sunaryono, and **Munasir**. (2020). Preparation of black iron oxide nanoparticles covered by Zingiber officinale extract, AIP Conference, ***2251**, 040016 (**2020**)*	2020
	D H Kusumawati, N P Putri, Asnawi, T S Dewi, and **Munasir, (2020).** Porosity Characteristics and Electrochemical Performance of rGO Coconut Shell as Supercapacitor Electrodes, *J. Phys.: Conf. Ser. 1491, 012058 (2020)*	2020
	Munasir, R.P. Kusumawati, D.H. Kusumawati**.** (2020). Magnetic Properties of Fe_3O_4@ Graphene: Preparation from Natural Material, *J. Phys.: Conf. Ser., **1569** (2020) 042087*	2020
	Dwikoranto, **Munasir,** R Setiani, Suyitno, W A Surasmi, S Tresnaningsih, and Pramonoadi,(2020). Effectiveness of Project Based Laboratory Learning to Increase Student's Science Process Skills and Creativity, *J. Phys.: Conf. Ser., 1491 (**2020**) 012006*	2020
	Dwikoranto, **Munasir,** R Setiani, Suyitno, W A Surasmi, S Tresnaningsih, and Pramonoadi,(2020). Increasing the Potential of Student Science Process Skills Through Project Based Laboratory, *J. Phys.: Conf. Ser., 1569 (2020) 042066.*	2020
	Munasir, Mahdalisa Dayu. (2020). Graphene/SiO2 Nanocomposite From Natural Material, *EAI-Procceding,(2020): MSCEIS-2019*	2020

	Munasir, N. Setyaningsih, S. Yanasin, Z.A.I. Supardi, A. Taufiq and Sunaryono (2019). Phase and Magnetic Properties of Fe_3O_4/SiO_2 Natural Materials-Based Using Polyethylene Glycol Media, IOP*:* Conf. Series.: *Mater. Sci. Eng.* **515(2019)** 012017.	2019
	Ahmad Taufiq, Maqfiratun Ainun Jannah, Arif Hidayat, Nurul Hidayat, Nandang Mufti, **Munasir** and Hendra Susanto (2019). Structural and Magnetic Behaviours of Magnetite/Polyvinyl Alcohol Composite Nanofibers, IOP*:* Conf. Series.: *Mater. Sci. Eng.* **515(2019)** 012081.	2019
	Munasir and R P Kusumawati (2019). Synthesis and Characterization of Fe3O4@rGO Composite with Wet-Mixing (ex-situ) Process, *J. Phys.: Conf. Ser.* **1171** 012048/ 2019	2019
	Munasir and A Terraningtyas (2019). Synthesis and characterization of Fe3O4/SiO2 composite with in-situ method: TEOS as SiO2 NPs precursor, *J. Phys.: Conf. Ser.* **1171** 012050/ 2019.	2019
	N P Putri, D H Kusumawati, L Agustina and **Munasir (2019)**. Effect of calcination temperature on characteristics of reduced Graphene Oxide (rGO) made from old coconut shell, *J. Phys.: Conf. Ser.* **1171** 012042/ 2019.	2019
	A Taufiq, M. Muzammil, A. Fuad, N. Hidayat, S. Sunaryono, N. Mufti, A. Hidayat, M. Diantoro and M. **Munasir (2019).** Preparation, Structural and Dielectric Behaviors of CoxMn1-xMn2O4 ($0 \leq x \leq 1$) Nanoparticles, IOP*:* Conf. Series.: *Mater. Sci. Eng.* **367(2018)** 012050.	2019
	A S D Sari, B K Prahani, **Munasir** and B Jatmiko (2018). The improvement of students physics problem solving skills through the implementation of PO2E2W learning model assisted PhET media, *J. Phys.: Conf. Ser.* **1108** 012024. 2018.	2018
	Fiona Setyo Resmawati, Prabowo Prabowo, **Munasir.** The Discovery Learning Model with A Scientific Approach to Increase Science Learning Achievement of Students**,** Atlantis Press: Advances in Intelligent Systems Research (AISR), volume 157, indexed WoS; Juli 2018.	2018
	Arinta Rezty Wijayaningputri, Wahono Widodo, **Munasir** (2018). Effectiveness of Guided-Inquiry Model to Train Science Process Skills of Senior High School Students, Atlantis Press: Advances in Intelligent Systems Research (AISR), volume 157, indexed WoS; Juli 2018.	2018
	Munasir, ZA. Imam Supardi (2018). Morphology and Porosity of Fe3O4@SiO2 Core-Shell: Adsorption for Heavy Metal Pb(II), Atlantis Press: Series:Atlantis Highlights in Engineering, Volume 1, indexid WoS; Desember 2018.	2018
	Sunaryono, M. F. Hidayat, C. Insjaf, A. Taufiq, N. Mufti, and **Munasir** (2018). .Investigation of Magnetic Properties and Mechanical Responses on Hydrogel-TMAH-Magnetite, IOP*:* Conf. Series.: *Mater. Sci. Eng.* **367(2018)** 012025 .	2018
	Sunaryono, M. N. Kholifah, Yudyanto, A. Taufiq, N . Mufti, R. Wulandari, **Munasir**, and M. Diantoro. Deformation of Ferrogel Based on *Carboxyl Methyl Cellulose* (CMC)/*Polyvinyl Alcohol* (PVA) Hydrogel, IOP*:* Conf. Series.: *Mater. Sci. Eng.* **367 (2018)** 012016.	2018
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Profesional Organization	***Organization***	***Position***	***Period***
	Physics Society of Indonesia	Member & Ketua Komisariat PSI-Universitas Negeri Surabaya	2019 - Now
	Indonesia Society for Nanotechnology (MNI)	Member	2010 – Now
	Perkumpulan Pendidik IPA Indonesia (PPII)	Member	2012 – Now
	Indonesia Magnetic Society (IMS)	Member	2020-Now
	Himpunan Masyarakat Nuklir Indonesia (HIMNI)	Member	2020-Now
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