

**PUBLIKASI DI JURNAL NASIONAL TIDAK TERAKREDITASI  
PROGRAM STUDI MAGISTER TEKNIK MESIN FTUP**

**TAHUN 2023/2024**

<b>NO</b>	<b>JUDUL</b>	<b>NAMA JURNAL</b>	<b>NAMA DOSEN</b>	<b>URL</b>
1	Analisis Perlakuan Temperatur Pada Limbah Kopi Terhadap Produksi Hidrogen	Kohesi: Jurnal Sains dan Teknologi	Bima Himawan, <b>Abid Fahreza Alphanoda, Agri Suwandi</b>	<a href="https://www.scribd.com/document/826566601/DRAFT-JURNAL-BIMA-HIMAWAN-4320210001-1#google_vignette">https://www.scribd.com/document/826566601/DRAFT-JURNAL-BIMA-HIMAWAN-4320210001-1#google_vignette</a>
2	Penerapan Alat Bantu Pengaduk dan Manajemen Rantai Pasok untuk UMKM Pembuat Rendang	Berdikari: jurnal Pengabdian Masyarakat Indonesia (INPRESS)	<b>Wina Libyawati</b> , Dhidik Mahandika Mahandika, Erlanda Augupta Pane, Yulita Veranda Usman Usman	<a href="http://www.jurnaljpmi.com/index.php/jpmi/article/view/202">http://www.jurnaljpmi.com/index.php/jpmi/article/view/202</a>

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**TAHUN 2025/2026**

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1	Microbial Electrolysis Cell Carbon Anode With Voltage Variation For Hydrogen Gas Production	Teknobiz	<b>Abid Fahreza Alphanoda</b> , Afnaz Nurfalah Ramadhan	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/9415">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/9415</a>
2	Application of Phase Change Material in Cold Storage of Insulin: Thermal Performance Analysis with Perforated Stainless Steel Plate	Jurnal Teknologi	Muhammad Robiansyah Nur Kholik, <b>Ismail, Reza Abdu Rahman</b> , Apri Wiyono, Anwar Ilmar Ramadhan	<a href="https://jurnal.umj.ac.id/index.php/jurtek/article/view/29835">https://jurnal.umj.ac.id/index.php/jurtek/article/view/29835</a>
3	Micro-Progressive Punching ( $\mu$ PP): A New Method for Manufacturing Micro-Plate Implant	Asiimetrik	<b>Yani Kurniawan, Dede Lia Zariatini</b> , Dhatu Allegra Tsumu, Bambang Sulaksono	<a href="https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/9252">https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/9252</a>
4	Teknologi MEB sebagai Solusi Pengelolaan Sampah Organik Menuju Desa Mandiri di Kabupaten Sukabumi	Jurnal Pengabdian Masyarakat: Pemberdayaan, Inovasi dan Perubahan	<b>Abid Alphanoda, Yani Kurniawan</b> , Dyah Rahayu, Ratih Ningsih, Muhammad Shidiq	<a href="https://jurnal.penerbitwidina.com/index.php/JPMWidina/article/view/2376">https://jurnal.penerbitwidina.com/index.php/JPMWidina/article/view/2376</a>

**TAHUN 2024/2025**

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	The Role of Banana Peel Surface Pores through Increasing Temperature for Efficient Hydrogen Production	Journal of Mechanical Engineering Science and Technology	<b>Abid Fahreza Alphanoda</b> , Erlanda Augupta Pane, Agus Riyanto, Avita Ayu Permanasari	<a href="https://journal2.um.ac.id/index.php/jmest/article/view/54961">https://journal2.um.ac.id/index.php/jmest/article/view/54961</a>
2	Analisis Energi Pelet Biomassa Berbahan Baku Ampas Kopi Dengan Perekat Bubur Kertas	Teknobiz	Muhamad Hafiz, <b>Ismail</b> , Erlanda Augupta Pane	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/7839">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/7839</a>
3	Analisis Pengaruh Jarak dan Waktu Terhadap Tingkat Kebisingan di Pemukiman Akibat Sumber dari PLTU dengan Pendekatan Statistik	Teknobiz	Puguh triwinanto, Iqbal Romadona, Mumammad Ibrahim I, Rakha Edria P, Dwi Dian Rahmat M. P, <b>Wina Libyawati</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/7848">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/7848</a>

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4	Exploratory Factor Analysis for Developing Wheelchairs for Children with Cerebral Palsy	Asiimetrik	Dwi Rahmalina, Desinta Rahayu Ningtyas, Nur Yulianti Hidayah, <b>Agri Suwandi, Dede Lia Zariatn</b> , I Gede Eka Lesmana, Dhidik Mahandika, Susanto Sudiro	<a href="https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/7769">https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/7769</a>
5	Modifikasi Pitot Tube Static Dengan Dilengkapi Sensor Suhu Kelembaban, Anemometer Dan Alat Kemiringan Sudut Digital Pada Low Speed Tunnel Wt-400	Teknobiz	Adefersa Widyarto, <b>Dede Lia Zariatn</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8551">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8551</a>
6	Modifikasi Perancangan Sandaran Kaki (Footrest) Yang Fleksibel Pada Kursi Roda Penyandang Disabilitas	Teknobiz	Dhidik Mahandika, <b>Dwi Rahmalina</b> , Susanto Sudiro, Adrian Reynaldi	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8555">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8555</a>
7	Analysis of The Effect of Electric Current Strength in Shield Metal Arc Welding on The Hardness, Impact and Microstructure of Stainless Steel 304	Teknobiz	Haitham Abozaian, <b>Dwi Rahmalina</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8557">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8557</a>
8	Peran Limbah Serbuk Kayu Pada Peningkatan Kalor Briket	Teknobiz	Rahmat Tri Atmojo, <b>Abid Fahreza Alphanoda</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8560">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8560</a>
9	Analysis of Thermal Energy Storage Based on Phase Change of Sugar Alcohol Type Material for Solar Water Heater System	Teknobiz	Basuki Setiawan, Ilham Febriansyah, <b>Ismail</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8607">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8607</a>
10	Pemanfaatan Limbah Kayu dan Kulit Kopi Menjadi Bahan Bakar Refuse Derived Fuel (RDF)	Teknobiz	Wahyudi Wahyudi, <b>La Ode M. Firman</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8667">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8667</a>
11	Optimasi Treatment Pemanasan pada Proses Pengelasan Pipa Penstock	Teknobiz	<b>Yani Kurniawan</b> , Yudi Iswanto, Bambang Sulaksono	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8537">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8537</a>
12	Ketelitian Geometrik dan Unjuk Kerja Mesin Bubut Retrofit PL 1000 G dengan Kendali Numerik	Teknobiz	Mohammad Yunan Setyawan, <b>Budhi M. Suyitno</b> , Susanto Sudiro	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8666">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8666</a>

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
13	Modification of Stiffener Sidewall for 17 m <sup>3</sup> Capacity Dump Truck at PT. ABC	Teknobiz	Dhidik Mahandika, <b>La Ode M Firman</b> , Bambang Sulaksono, Erlanda Augupta Pane, Estu Prayogi, Al Diki Akbar Fitrianto	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8947">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8947</a>
14	Effect of Fins on Charging Performance – Release of a PCM-Based Thermal Energy Operating Simultaneously	Teknobiz	M. Abdul Musthofa, <b>Budhi M. Suyitno</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8668">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/8668</a>
15	Design of a Seaweed Draining and Drying Machine Using Hybrid Energy	Asiimetrik	<b>Agri Suwandi</b> , Alif Fachrudin, Djoko Setyanto	<a href="https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/8636">https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/8636</a>
16	Peningkatan Kemandirian Ekonomi Yayasan Sosial Melalui Teknologi Pengolahan Sampah Dan Ekonomi Digital	Jurnal Masyarakat Mandiri	<b>Agri Suwandi, Dede Lia Zariatn</b> , Susilawati Susilawati, Dhidik Mahandika	<a href="https://journal.ummat.ac.id/index.php/jmm/article/view/27538">https://journal.ummat.ac.id/index.php/jmm/article/view/27538</a>
17	Desiminasi Produk Teknologi Mekanik Pada Sekolah Kejuruan Dalam Proses Pembelajaran	Suluh	Erlanda Pane, <b>Yani Kurniawan, Reza Abdu Rahman</b>	<a href="https://journal.univpancasila.ac.id/index.php/SULUH/article/view/5473">https://journal.univpancasila.ac.id/index.php/SULUH/article/view/5473</a>

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Photocatalytic Scheme with External Magnetic Field on Coffee Waste in Hydrogen Production	Journal of Mechanical Engineering Science and Technology	<b>Abid Fahreza Alphanoda</b> , Eko Prasetyo, Wisnu Broto	<a href="https://journal2.um.ac.id/index.php/jmest/article/view/47485/12178">https://journal2.um.ac.id/index.php/jmest/article/view/47485/12178</a>
2	Analisis CFD Pengaruh Konfigurasi Sudu Rotor Turbin Angin Sumbu Vertikal Tipe Zephyr Dengan 16 Sudu Statis	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	Andra Mawan, <b>Ismail</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5751">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5751</a>
3	Increasing the feasibility and storage property of cellulose-based biomass by forming shape-stabilized briquette with hydrophobic compound	Case Studies in Chemical and Environmental Engineering	<b>La Ode M Firman</b> , Rizky Bayu Adji, <b>Reza Abdu Rahman</b>	<a href="https://www.sciencedirect.com/science/article/pii/S2666016423001482">https://www.sciencedirect.com/science/article/pii/S2666016423001482</a>
4	Peningkatan Pengetahuan Siswa MAN 2 Jepara Tentang Desa Wisata Tempur	Abdi Impelemntasi Pancasila	Dino Rimantho, Vector Anggit P, <b>Agri Suwandi</b>	<a href="https://journal.univpancasila.ac.id/index.php/abdi/article/view/5861">https://journal.univpancasila.ac.id/index.php/abdi/article/view/5861</a>
5	Fixture gono-go insert striker seat lock seabagai alat bantu pengecekan quality control	Abdi Impelemntasi Pancasila	<b>Dede Lia Zariatn</b> , Zam Zam Tijani, <b>Wina Libyawati, Agri Suwandi</b>	<a href="https://journal.univpancasila.ac.id/index.php/abdi/article/view/6102">https://journal.univpancasila.ac.id/index.php/abdi/article/view/6102</a>

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
6	Analisis Bahan Bakar BBM RON 90 dengan Bioaditif Serai Wangi pada Motor Bakar Empat Tak	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	Agung Nugroho, <b>Budhi Muliawan Suyitno</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5750">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5750</a>
7	Pengaruh Variasi Ukuran Celah Katup dengan Bahan Bakar Biodiesel (B35) Terhadap Emisi Gas Buang pada Mesin Diesel Tipe FE71PS 3908 cc	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	<b>Budhi Muliawan Suyitno</b> , Indra Chandra Setiawan	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5754">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5754</a>
8	Analisis Kinerja Pompa Sentrifugal dengan Perlakuan Resurfacing	Teknobiz: Jurnal Ilmiah Program Studi Magister Teknik Mesin	Jabir Said, <b>Dahmir Dahlan</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5753">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/5753</a>
9	Peningkatan Performa Termal Phase Change Material dengan Komposit Berbasis Parafin/High-Density Polyethylene Melalui Penambahan Carbon Nanotube	TURBO : Jurnal Program Studi Teknik Mesin	<b>Dwi Rahmalina</b> , Isnaini Choirul Miftahudin, <b>Ismail</b>	<a href="https://ojs.ummetro.ac.id/index.php/turbo/article/view/2813">https://ojs.ummetro.ac.id/index.php/turbo/article/view/2813</a>
10	Effect of Heat Treatment Temperature on Hardness of Jaw Implant Produced from EDM Die-Sinking Process	Asiimetrik	MFR Suharyanto, <b>Yani Kurniawan</b>	<a href="https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/5784">https://journal.univpancasila.ac.id/index.php/asiimetrik/article/view/5784</a>
11	Perancangan Mesin Pengupas Kulit Kabel Kapasitas 10kg/Jam	Teknobiz	Dhidik mahandika, <b>Dwi Rahmalina</b> , Teddy Setiawan	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6534">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6534</a>
12	Pemanfaatan Gas Buang (Syngas) Pada Proses Pirolysis Plastik Berkapasitas 10 kg	Teknobiz	<b>La Ode M Firman</b> , Angga Panji Satria Pratama	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6532">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6532</a>
13	Optimasi Sudut Kemiringan Plafon Antara Pada Kemiringan Maksimal 15° Serta Penempatan Solar Cell Pada Bangunan Pengereng Kayu Kapasitas 120 m <sup>3</sup>	Teknobiz	Aribima Pratama, <b>La Ode M. Firman</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6533">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6533</a>
14	Pengaruh Penerapan Idle Stop pada Kendaraan Roda 2 Terhadap Konsumsi Bahan Bakar dan Emisi di Kota Tangerang Selatan	Teknobiz	Jafar Wahid, <b>Budhi Muliawan Suyitno</b> , Indra Chandra Setiawan	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6536">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/6536</a>
15	Analisis Pengaruh Gap Medan Magnet dengan Variasi Diameter Penampang dan Lilitan Kumparan Terhadap Performa yang dihasilkan pada Energy Harvesting Linier Elektromagnetik	Teknobiz	Ahmad Faishal Mufadhol, <b>Budhi Muliawan Suyitno</b> , <b>Dwi Rahmalina</b>	<a href="https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/7175">https://journal.univpancasila.ac.id/index.php/teknobiz/article/view/7175</a>

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
16	Analysis Of Non-Destructive Testing In The Metal Stitching Process	Rotor	Ryandi Daffa Saputra, <b>Dede Lia Zariatn</b>	<a href="https://jurnal.unej.ac.id/index.php/RTR/article/view/43300">https://jurnal.unej.ac.id/index.php/RTR/article/view/43300</a>
17	Pirolisis Menggunakan Screw Sebagai Pressure Drop Dan Sirip Pada Kondensor	Jurnal Rekayasa Mesin	Erlanda Augupta Pane, Stevanus Budi Raharjo, <b>Ismail</b>	<a href="https://rekayasamesin.ub.ac.id/index.php/rm/article/view/1591">https://rekayasamesin.ub.ac.id/index.php/rm/article/view/1591</a>
18	Implementasi Teknologi Rumah Pening Hybrid untuk Mendukung Proses Pengeringan Ikan di Desa Terapung, Buton Tengah	Bernas	<b>Reza Abdu Rahman, Dwi Rahmalina, Agri Suwandi, Nia Rachmawati, Aulia Keiko H</b>	<a href="https://ejournal.unma.ac.id/index.php/bernas/article/view/7386">https://ejournal.unma.ac.id/index.php/bernas/article/view/7386</a>

**PUBLIKASI DI JURNAL INTERNASIONAL BEREPUTASI  
PROGRAM STUDI MAGISTER TEKNIK MESIN FAKULTAS TEKNIK UNIVERSITAS**

**TAHUN 2025/2026**

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Multi discharge assessment of non-eutectic mixture PCM as excellent candidate for medium temperature thermal storage operation	International Journal of Thermofluids	Joko Waluyo, Sugeng Priyanto, Robertus Dhimas Dhewangga Putra, <b>Reza Abdu Rahman</b>	<a href="https://www.sciencedirect.com/science/article/pii/S2666202725003696">https://www.sciencedirect.com/science/article/pii/S2666202725003696</a>
2	Detachable Heat Storage for Nighttime Dehydration in Solar Food Dryers	International Journal of Heat & Technology	<b>Reza Abdu Rahman</b> , Sulisty, Mohamad Said Kartono Tony Suryo Utomo	<a href="https://www.iieta.org/journals/ijht/paper/10.18280/ijht.430526">https://www.iieta.org/journals/ijht/paper/10.18280/ijht.430526</a>
3	Experimental evaluation of hybrid electric-heat operation for reliable residential water heating technology using photo-thermal system	Journal of Thermal Engineering	Ahmad Ilzam Anshori Hasibuan, Ridwan Nurdin, <b>Ismail, Reza Abdu Rahman</b>	<a href="https://jten.yildiz.edu.tr/article/1027">https://jten.yildiz.edu.tr/article/1027</a>
4	Performance assessment of modified organic water-based cold storage material under active discharge operation for advance cold-supply transportation	Journal of Energy Storage	<b>Reza Abdu Rahman</b> , Jusva Agus Muslim, Karyadi, Muhammad Robiansyah Nur Kholik, Muhammad Faesal Febriandyono	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2352152X26007826">https://www.sciencedirect.com/science/article/abs/pii/S2352152X26007826</a>
5	Enhanced Hydrogen Evolution by Deep-Sea Marine Sediment Photocatalysts: Surface Modification with Bismuth Subnitrate	Results in Engineering	Ismunandar, Eko Siswanto, Slamet Wahyudi, Willy Satrio Nugroho, <b>Abid Fahreza Alphanoda</b> , ING. Wardana	<a href="https://www.sciencedirect.com/science/article/pii/S2590123025046699?ssrnid=5374593&amp;dgcid=SSRN_redirect_SD">https://www.sciencedirect.com/science/article/pii/S2590123025046699?ssrnid=5374593&amp;dgcid=SSRN_redirect_SD</a>
6	Enhancing B35 biodiesel compression ignition via hydrogen addition: experimental and quantum analysis	International Journal of Hydrogen Energy	<b>Abid Fahreza Alphanoda</b> , Arief Yulistianto, <b>Ismail</b>	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0360319926009985">https://www.sciencedirect.com/science/article/abs/pii/S0360319926009985</a>
7	Effect of Structural properties on hydrogen adsorption behavior of coconut shell-derived activated carbons at 77 and 298 K	International Journal of Hydrogen Energy	Agung Nugroho, Dhafin Raditya A, Patrick Willem Lasut L, <b>Reza Abdu Rahman</b> , Haryo Satriya O, Hanida Nilasary, Hifni Mukhtar A, Deendarlianto, Robertus Dhimas Dhewangga P	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0360319926011353">https://www.sciencedirect.com/science/article/abs/pii/S0360319926011353</a>

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Charge/discharge Profiling of Organic Latent Heat Material Embedded in Polymer Matrix for Heat Energy System	Materials Science	<b>Reza Abdu Rahman,</b> Sulistyoyo, MSKTS Utomo, I Febriansyah, <b>Ismail</b>	<a href="https://www.matssc.ktu.lt/index.php/MatSc/article/view/36328">https://www.matssc.ktu.lt/index.php/MatSc/article/view/36328</a>
2	Experimental and Finite Element Study of Rollover Protection Structure for a 22-Seat Man Hauler Superstructure Vehicle	Automotive Experiences	M Gozali, Djoko W Karmiadji, <b>Wina Libyawati</b> , B Haryanto, M Masrur, A Setyawan, Wahyu Sulistiyo, Makmuri Nuramin, Anwar, Budi Susilo	<a href="https://journal.unimma.ac.id/index.php/AutomotiveExperiences/article/view/11380">https://journal.unimma.ac.id/index.php/AutomotiveExperiences/article/view/11380</a>
3	The Assessment of Temperature-Energy Interaction for Consecutive Discharge Heat Storage Tank Using Composite Solid-Liquid MHSS	International Journal of Heat & Technology	Yuseva, Danies Seda; Muchammad; Sulistyoyo; Syaiful; <b>Rahman, Reza Abdu</b>	<a href="https://iieta.org/journals/ijht/paper/10.18280/ijht.420626">https://iieta.org/journals/ijht/paper/10.18280/ijht.420626</a>
4	Improving the permeability characteristic of nickle oxide/yttria stabilized zirconia anode through thermal decomposition of organic porous support as sustainable material for green hydrogen ecosystem	Advances in Science and Technology. Research Journal	Muhammad Faesal Febriandyono, Sulistyoyo, Mohammad Tauviqirrahman, Rayhan Calista, <b>Reza Abdu Rahman</b>	<a href="https://www.astrj.com/Improving-the-permeability-characteristic-of-nickle-oxide-yttria-stabilized-zirconia,200716,0,2.html">https://www.astrj.com/Improving-the-permeability-characteristic-of-nickle-oxide-yttria-stabilized-zirconia,200716,0,2.html</a>
5	Characterization Study of Thin Film Coatings on Porous Ceramic Material Prepared by Spin Coating Method	Revue des Composites et des Matériaux Avancés	Sulistyoyo; Rusnaldy; Widyanto, Susilo Adi; Fahmi, Muchammad; <b>Reza Abdu Rahman</b>	<a href="https://www.iieta.org/journals/rcma/paper/10.18280/rcma.350108">https://www.iieta.org/journals/rcma/paper/10.18280/rcma.350108</a>
6	The clearance effect of progressive punching on straight-plate implant quality	Results in Engineering	<b>Yani Kurniawan, Wina Libyawati, Dede Lia Zariatini</b>	<a href="https://www.sciencedirect.com/science/article/pii/S1590123025001513">https://www.sciencedirect.com/science/article/pii/S1590123025001513</a>
7	Assessment The Effect Of Dies Stamping Process Parameters On The Performance Of Spring-Back And Spring-Go Defects In Galvanized Steel Sheet Materials.	Eastern-European Journal of Enterprise Technologies	<b>Dwi Rahmalina,</b> Ahmad Zamzami	<a href="https://www.researchgate.net/publication/391418797_Assessment_the_effect_of_dies_stamping_process_parameters_on_the_performance_of_spring-back_and_spring-go_defects_in_galvanized_steel_sheet_materials">https://www.researchgate.net/publication/391418797_Assessment_the_effect_of_dies_stamping_process_parameters_on_the_performance_of_spring-back_and_spring-go_defects_in_galvanized_steel_sheet_materials</a>

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
8	Novel Electric-Charge Thermal (NECT) Storage System for Integrated PV-Grid Liquid-Based Heating Supply Technology	Journal of Asian Energy Studies	Rani Anggrainy, Joko Waluyo, Robertus Dhimas Dhewangga Putra, <b>Reza Abdu Rahman</b>	<a href="https://ejournals.lib.hkbu.edu.hk/index.php/jaes/article/view/2904">https://ejournals.lib.hkbu.edu.hk/index.php/jaes/article/view/2904</a>
9	Preliminary Functionality Assessment on Supercooling Suppression of Binary Polyol Mixture as Energy Material for Thermal System	Eurasian Journal of Physics and Functional Materials	Kuswana, <b>La Ode Mohammad Firman</b> , Robertus Dhimas Dhewangga Putra, <b>Reza Abdu Rahman</b>	<a href="https://www.ephys.kz/journal/vol9/iss2/1/">https://www.ephys.kz/journal/vol9/iss2/1/</a>
10	Parametric operational analysis of hybrid thermo-electric/fluid-active thermal storage for domestic water heating system	Solar Energy Materials and Solar Cells	Joko Waluyo, Robertus Dhimas Dhewangga Putra, Dwi Chandra Adhitya, <b>Reza Abdu Rahman</b>	<a href="https://www.sciencedirect.com/science/article/abs/pii/S092702482500176X">https://www.sciencedirect.com/science/article/abs/pii/S092702482500176X</a>
11	Optimizing bioethanol from sago dregs for Honai burner stoves: A case study in Papua	Journal of Mechatronics, Electrical Power, and Vehicular Technology	Johani Jonatan N, Tiper Korneles Muwarberto U, <b>Agri Suwandi</b> , Januar Parlaungan S, Arifia Ekayuliana, Joni, Pither Palamba, Marthen Liga	<a href="https://mev.brin.go.id/mev/article/view/1053">https://mev.brin.go.id/mev/article/view/1053</a>
12	Employing sugar alcohol-based phase change material for integrated compact thermal battery (ICTB): experimental exploration for future configuration of modern space heating with thermal storage	Applied Thermal Engineering	<b>Reza Abdu Rahman</b> , Dibyo Setiawan, Agung Nugroho, Robertus Dhimas Dhewangga Putra	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1359431125009093">https://www.sciencedirect.com/science/article/abs/pii/S1359431125009093</a>
13	Investigating the Energy Intake/Discharge Behavior of Xylitol-Based PCM with Polymer as Thermal Storage Material	Revue des Composites et des Matériaux Avancés	Danies Seda Yuseva, Muchammad, Sulistyoyo, Syaiful, <b>Reza Abdu Rahman</b>	<a href="https://www.iieta.org/journals/rcma/paper/10.18280/rcma.350417">https://www.iieta.org/journals/rcma/paper/10.18280/rcma.350417</a>

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NO	JUDUL	NAMA JURNAL	NAMA DOSEN	URL
1	Dimensional Accuracy, Surface Roughness and Hardness Properties for Microplate Implants Manufacturing by EDM Die-Sinking Process	International Journal of Automotive and Mechanical Engineering	<b>Yani Kurniawan, Dede Lia Zariatun</b> , Pratik Suko Pangarsono, Bambang Cahyadi, Bambang Sulaksono	<a href="https://journal.ump.edu.my/ijame/article/view/9022">https://journal.ump.edu.my/ijame/article/view/9022</a>

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2	Preliminary characterization and thermal evaluation of a direct contact cascaded immiscible inorganic salt/high-density polyethylene as moderate temperature heat storage material	Results in Materials	<b>Budhi Muliawan Suyitno</b> , Rani Anggrainy, Nicco Plamonia, <b>Reza Abdu Rahman</b>	<a href="https://www.sciencedirect.com/science/article/pii/S2590048X2300081X">https://www.sciencedirect.com/science/article/pii/S2590048X2300081X</a>
3	Increasing the feasibility and storage property of cellulose-based biomass by forming shape-stabilized briquette with hydrophobic compound	Case Studies in Chemical and Environmental Engineering	<b>La Ode Mohammad Firman</b> , Rizky Bayu Adji, <b>Ismail, Reza Abdu Rahman</b>	<a href="https://www.sciencedirect.com/science/article/pii/S2666016423001482">https://www.sciencedirect.com/science/article/pii/S2666016423001482</a>
4	Enhancing Latent Thermal Battery Performance: A Study of Multistage Organic Phase Change Material Systems.	International Journal of Heat & Technology	Sulistyo; Utomo, Mohamad Said Kartono Tony Suryo; Rahman, <b>Reza Abdu Rahman</b>	<a href="https://www.iieta.org/journals/ijht/paper/10.18280/ijht.410620">https://www.iieta.org/journals/ijht/paper/10.18280/ijht.410620</a>
5	Hybrid energy-temperature method (HETM): A low-cost apparatus and reliable method for estimating the thermal capacity of solid-liquid phase change material for heat storage system	HardwareX	La Ode M Firman, Dwi Rahmalina, <b>Reza Abdu Rahman</b>	<a href="https://www.sciencedirect.com/science/article/pii/S2468067223001037">https://www.sciencedirect.com/science/article/pii/S2468067223001037</a>
6	Maintaining high thermal response of carbon nanotubes after melting intensification in solid-liquid heat storage system	Carbon Trends	Dwi Rahmalina, <b>Reza Abdu Rahman</b>	<a href="https://www.sciencedirect.com/science/article/pii/S2667056923000494">https://www.sciencedirect.com/science/article/pii/S2667056923000494</a>
7	Multi-output photoelectrochemical system based on Zn/ZnO using aqueous bismuth tea waste electrolyte to produce hydrogen and electricity	International Journal of Hydrogen Energy	<b>Abid Fahreza Alphanoda</b> , <b>Winarto</b> , Femiana Gapsari, Willy Satrio N, I.N.G. Wardana	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0360319923050164">https://www.sciencedirect.com/science/article/abs/pii/S0360319923050164</a>
8	The Effect of Liquidus Aging on The Performance of Phase-Stabilized Wax with Solid Nano Additives	Metallurgical and Materials Engineering	<b>Dwi Rahmalina</b> , <b>La Ode Mohammad Firman</b> , <b>Ismail, Reza Abdu Rahman</b>	<a href="https://www.metall-mater-eng.com/index.php/home/article/view/1037">https://www.metall-mater-eng.com/index.php/home/article/view/1037</a>

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9	Charge Assessment for Nitrate-Based Salt as a Phase Change Material for a Medium-Temperature Latent Storage Tank	Latvian Journal of Physics and Technical Sciences	<b>Ismail, Y. I. Widodo, R. A. Rahman</b>	<a href="https://sciendo.com/article/10.2478/lpts-2024-0006">https://sciendo.com/article/10.2478/lpts-2024-0006</a>
10	Evaluation Of The Operational Curve For Heat Storage Technology Using N-Octacosane/Lowdensity As A Binding Material	Eastern-European Journal of Enterprise Technologies	<b>Rahman, Reza Abdu;</b> Sulistyoy; Kartono Tony Suryo Utomo, Mohamad Said; Dhewangga Putra, Robertus Dhimas	<a href="https://openurl.ebsco.com/EPDB%3Aagcd%3A9%3A29628249/detailv2?sid=ebsco%3Aplink%3A scholar&amp;id=ebsco%3Aagcd%3A177128064&amp;cr=c">https://openurl.ebsco.com/EPDB%3Aagcd%3A9%3A29628249/detailv2?sid=ebsco%3Aplink%3A scholar&amp;id=ebsco%3Aagcd%3A177128064&amp;cr=c</a>
11	Impact of Top Mold Slope on Defect Formation in Gravity Casting of Aluminum Alloy	Annales de Chimie Science des Matériaux	Hidayat, Ahya; <b>Rahmalina, Dwi; Rahman, Reza Abdu</b>	<a href="https://openurl.ebsco.com/EPDB%3Aagcd%3A2%3A14013762/detailv2?sid=ebsco%3Aplink%3A scholar&amp;id=ebsco%3Aagcd%3A175889592&amp;cr=c">https://openurl.ebsco.com/EPDB%3Aagcd%3A2%3A14013762/detailv2?sid=ebsco%3Aplink%3A scholar&amp;id=ebsco%3Aagcd%3A175889592&amp;cr=c</a>
12	The optional approach in recycling plastic waste for energy storage application: A detailed evaluation of stabilized-hexadecanoic acid/plastic	Science Direct	<b>Reza Abdu Rahman,</b> Sulistyoy, M.S.K.Tony Suryo Utomo, Robertus Dhimas Dhewangga Putra	<a href="https://www.sciencedirect.com/science/article/pii/S2666016424001452">https://www.sciencedirect.com/science/article/pii/S2666016424001452</a>
13	Investigation of Vertical Axis Wind Turbine Performance with Savonius Rotor on Air Ejector Dimensions using Computational Fluid Dynamics	CFD Letters	<b>Ismail,</b> Rinawati, Imam Muzaki	<a href="https://semarakilmu.com.my/journals/index.php/CFD_Letters/article/view/3433">https://semarakilmu.com.my/journals/index.php/CFD_Letters/article/view/3433</a>
14	Experimental Study on the Effect of Different HTF Discharges to Increase Efficiency of a Latent Heat Storage System Using a Spiral Coil Heat Exchanger with Different Fins	International Journal of Thermophysics	M. Syukur L. Syahbana, Yoga Kurniawan, <b>Ismail</b>	<a href="https://link.springer.com/article/10.1007/s10765-024-03373-9">https://link.springer.com/article/10.1007/s10765-024-03373-9</a>
15	The Impact of Modified Atmosphere Storage Treatment on Glucose Levels and Mass Transfer Coefficients: A Study Based on Fruit Skin Thickness	Journal of Applied Engineering and Technological Science	<b>Agri Suwandi,</b> Wina Libyawati, Esti Mulatsari	<a href="https://journal.yrpiaku.com/index.php/jaets/article/view/3481">https://journal.yrpiaku.com/index.php/jaets/article/view/3481</a>

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16	Study on the influence of rating charge on temperature and phase behavior of stabilized matrix wax-based thermal storage	Eurasian Physical Technical Journal	<b>Reza Abdu Rahman,</b> Sulistyoy, M.S.K.Tony Suryo Utomo, Febriansyah I	<a href="https://phtj.buketov.edu.kz/index.php/EPTJ/article/view/981/315">https://phtj.buketov.edu.kz/index.php/EPTJ/article/view/981/315</a>
17	Mechanical and Vibrational Characterization of Reinforced Composite Rubber/Calcium Carbonate for Compressive Optical Sensor Housing.	Annales de Chimie Science des Matériaux	Hari Pratomo, Sulistyoy, Andi Setiono, Bambang Widiyatmoko, <b>Reza Abdu Rahman</b>	<a href="https://www.iieta.org/journals/acsm/paper/10.18280/acsm.480309">https://www.iieta.org/journals/acsm/paper/10.18280/acsm.480309</a>
18	Optimization of pulse on time to improve quality of microplate implants produced by EDM die-sinking	Journal of the Brazilian Society of Mechanical Sciences and Engineering	<b>Yani Kurniawan,</b> Dzacky Ariyatmoko, Shafira Murdiwati Putri, <b>Ismail</b>	<a href="https://link.springer.com/article/10.1007/s40430-024-05080-w">https://link.springer.com/article/10.1007/s40430-024-05080-w</a>
19	Investigation on the effect of operation of solar dryer technology according to the drying characteristic of dried product	EUREKA: Physics and Engineering	<b>Reza Abdu Rahman,</b> Sulistyoy, M.S.K.Tony Suryo Utomo, Kaprian Rizki Gunawan, <b>Ismail</b>	<a href="https://www.journal.eur.eu/engineering/article/view/3291">https://www.journal.eur.eu/engineering/article/view/3291</a>
20	Experimental evaluation on the power characteristic of direct-photovoltaic charging for thermal storage equipment	Mechanical Engineering for Society and Industry	<b>Reza Abdu Rahman,</b> Sulistyoy, Mohamad Said Kartono Tony Suryo Utomo, Dimas Ragil, <b>Budhi Muliawan Suyitno</b>	<a href="https://journal.unimma.ac.id/index.php/mesi/article/view/11493">https://journal.unimma.ac.id/index.php/mesi/article/view/11493</a>
21	Improving the Drying Mechanism for Seaweed Through the Utilization of Closed-Drying with Modified Solar Air Heaters	Journal of Asian Energy Studies	<b>Reza Abdu Rahman,</b> Sulistyoy, M. S. K. Tony Suryo Utomo, Kaprian Rizki Gunawan	<a href="https://ejournals.lib.hkbu.edu.hk/index.php/jaes/article/view/2743">https://ejournals.lib.hkbu.edu.hk/index.php/jaes/article/view/2743</a>
22	Preliminary Work for Preparation and Characterization of Anode Supported SOFC Based on Nio-YSZ Material Using Pore-Former	Revue des Composites et des Matériaux Avances	Febriandyono, Muhammad Faesal; Sulistyoy, Sulistyoy; Ajie, Muhamad Hertriyanto; Setyawan, Mohammad David; <b>Reza Abdu Rahman</b>	<a href="https://www.proquest.com/openview/348ff63b3b8ab3e7a6ca2a3641ac9bf4/1?cbl=2069445&amp;pq-origsite=gscholar&amp;parentSessionId=y7QHxuv6Hf%2FudlLsynOsah4BQLsS0rYI02modaT923g%3D">https://www.proquest.com/openview/348ff63b3b8ab3e7a6ca2a3641ac9bf4/1?cbl=2069445&amp;pq-origsite=gscholar&amp;parentSessionId=y7QHxuv6Hf%2FudlLsynOsah4BQLsS0rYI02modaT923g%3D</a>
23	Performance evaluation of enhanced clustered latent heat system for air heater using modified organic material	International Journal of Thermofluids	<b>Reza Abdu Rahman,</b> Sulistyoy, M.S.K. Tony Suryo Utomo, M Bagus Priyo Hutomo, <b>La Ode Mohammad Firman</b>	<a href="https://www.sciencedirect.com/science/article/pii/S2666202724002489">https://www.sciencedirect.com/science/article/pii/S2666202724002489</a>

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24	Performance evaluation of combined passive/active thermal charge/discharge latent heat tank with stabilized-solid-liquid storage material for intermediate thermal storage system	International Journal of Thermofluids	Danies Seda Yuseva, Rani Angrainy, Robertus Dhimas Dhewangga Putra, <b>Reza Abdu Rahman</b>	<a href="https://www.sciencedirect.com/science/article/pii/S2666202724001745">https://www.sciencedirect.com/science/article/pii/S2666202724001745</a>
25	The development of bend clamp of carbon-based fiber offshore gas lift pipelines: A primary experimental approach	Heliyon	Michael Oktavianes Pamula, <b>Dwi Rahmalina</b>	<a href="https://www.sciencedirect.com/science/article/pii/S240584402410847X">https://www.sciencedirect.com/science/article/pii/S240584402410847X</a>

**DATA PUBLIKASI DI SEMINAR NASIONAL  
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No	Nama	Judul	Nama Forum	Url
1	<b>Wina Libyawati,</b> Agus Riyanto, Faishal Erfian Nurhadi	Analisis Perbandingan Mekanisme Pembuat Gelombang Buatan Menggunakan Piston Datar dan Piston Lengkung pada Sistem Pneumatik Simulator Kapal Laut	Semrestek 2025	<a href="https://conference.univpancasila.ac.id/index.php/semrestek/article/view/392">https://conference.univpancasila.ac.id/index.php/semrestek/article/view/392</a>
2	Adnan Fathur Rizki, Dhidik Mahandika, <b>Dede Lia Zariatn,</b> Arie Ramdhan Mahardhika, Saiful Anwar	Analisis Kekuatan Rangka Chassis Motor Roda Empat Untuk Kendaraan Angkut Tandan Buah Segar	Semrestek 2025	<a href="https://conference.univpancasila.ac.id/index.php/semrestek/article/view/390">https://conference.univpancasila.ac.id/index.php/semrestek/article/view/390</a>
3	Nurmutia Kharisha Mustika, <b>Wina Libyawati</b>	Analisis Pembebanan Statis dan Dinamis dari Komponen Kursi Roda bagi Penyandang Cerebral Palsy Berdasarkan ISO 7176- 8:2014	Semrestek 2025	<a href="https://conference.univpancasila.ac.id/index.php/semrestek/article/view/382">https://conference.univpancasila.ac.id/index.php/semrestek/article/view/382</a>
4	Tungki Yufa Pradana, <b>Megara Munandar</b>	Analisa Pengaruh Viskositas Terhadap Performa Pompa Perpindahan Positif Pada Produksi SKM (Susu Kental Manis)	Semrestek 2025	<a href="https://conference.univpancasila.ac.id/index.php/semrestek/article/view/383">https://conference.univpancasila.ac.id/index.php/semrestek/article/view/383</a>

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1	Dwi Wicaksono, <b>Dede Lia Zariatn, Yani Kurniawan</b>	Perancangan Dan Proses Manufaktur Cetakan Material Komposit Serat Bambu Sesuai Dengan ASTM D3039 Dan ASTM D638	Semrestek 2023	<a href="https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/500">https://teknik.univpancasila.ac.id/semrestek/prosiding/index.php/12345/article/view/500</a>

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PROGRAM STUDI MAGISTER TEKNIK MESIN FTUP**

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No	Nama Dosen	Judul	Nama Forum	URL
1	<b>Abid Fahreza Alphanoda;</b> Winarto; Femiana Gapsari; ING Wardana; Eko Prasetyo; Wisnu Broto	Production potential from basic bismuth nitrate with organic waste conjugation on irradiation	THE 4TH INTERNATIONAL SEMINAR ON SCIENCE AND TECHNOLOGY (ISSTEC)	<a href="https://pubs.aip.org/aip/acp/article-abstract/3248/1/020010/3331997/Production-potential-from-basic-bismuth-nitrate">https://pubs.aip.org/aip/acp/article-abstract/3248/1/020010/3331997/Production-potential-from-basic-bismuth-nitrate</a>

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No	Nama Dosen	Judul	Nama Forum	URL
1	<b>Reza Abdu Rahman;</b> Jalalludin Asyafii; Hendri Sukma; <b>Budhi Muliawan Suyitno;</b> <b>Dwi Rahmalina</b>	Surface degradation on the solid-state and sheet-based reflector for concentrated solar power application under Indonesia climate	2Nd International Conference On Technology, Informatics, And Engineering	<a href="https://pubs.aip.org/aip/acp/article-abstract/2927/1/040004/3279175/Surface-degradation-on-the-solid-state-and-sheet?redirectedFrom=fulltext">https://pubs.aip.org/aip/acp/article-abstract/2927/1/040004/3279175/Surface-degradation-on-the-solid-state-and-sheet?redirectedFrom=fulltext</a>
2	<b>Dwi Rahmalina;</b> Mohamad Abi Aufa; Adhifa Zhikri Audia; <b>Ismail; Reza Abdu Rahman;</b> Hendri Sukma	The effect of high-density polyethylene (HDPE) ratio on the supercooling degree of composite paraffin/HDPE	International Conference On Design, Energy, Materials And Manufacture	<a href="https://pubs.aip.org/aip/acp/article-abstract/3053/1/020011/3286657/The-effect-of-high-density-polyethylene-HDPE-ratio">https://pubs.aip.org/aip/acp/article-abstract/3053/1/020011/3286657/The-effect-of-high-density-polyethylene-HDPE-ratio</a>
3	<b>Dede Lia Zariatn,</b> Rovida C. Hartantrie, Karyadi Karyadi, M.Alief Herlambang, Dwi Antoro	Development of laboratory-scale crossflow turbine power plant	International Conference on Engineering, Construction, Renewable Energy, and Advanced Materials	<a href="https://jurnal.umj.ac.id/index.php/icecream/article/view/22810">https://jurnal.umj.ac.id/index.php/icecream/article/view/22810</a>
4	Firmansyah Azharul; M. Dwi Trisno; <b>Dahmir Dahlan;</b> Wilarso Wilarso	Optimization of the type-L savonius wind turbine design	5Th International Conference On Engineering And Applied Technology	<a href="https://pubs.aip.org/aip/acp/article-abstract/2702/1/040013/2925137/Optimization-of-the-type-L-savonius-wind-turbine?redirectedFrom=fulltext">https://pubs.aip.org/aip/acp/article-abstract/2702/1/040013/2925137/Optimization-of-the-type-L-savonius-wind-turbine?redirectedFrom=fulltext</a>
5	<b>Agri Suwandi, Budhi Muliawan Suyitno,</b> Eka Maulana, Lutfi Gangsar Prayogo, <b>Dahmir Dahlan</b>	Analysis of Magnetic Pattern Distribution in a Mini-Permanent Magnetic Power Plant to Produce Optimal Electricity	The 4th Borobudur International Symposium on Science and Technology	<a href="https://www.atlantispress.com/proceedings/bis-ste-22/125994041">https://www.atlantispress.com/proceedings/bis-ste-22/125994041</a>