

**DATA PUBLIKASI DI JURNAL INTERNASIONAL
PROGRAM STUDI S1 TEKNIK MESIN FAKULTAS TEKNIK UNIVERSITAS PANCASILA**

TAHUN 2020

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	ISSN	VOL	NO	HAL AWAL	HAL AKHIR	URL
1	Analysis And Testing Of Heat Exchanger For An Environmentally Friendly Rdf Drying Machine	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	Agri Suwandi; Eka Maulana; La Ode M. Firman; Budhi Muliawan Suyitno; Dwi Rahmalina	2249-6890 e-ISSN 2249-8001	10	3	445	456	http://www.tjprc.org/view-archives.php?keyword=&jt ype=2&from_date=01-05-2020&to_date=31-05-2020&journal=67
2	Characteristics of Wind Velocity and Turbulence Intensity at Horizontal Axis Wind Turbines Array	International Journal on Engineering Applications (I.R.E.A.)	Ismail; Erlanda Augupta Pane; Samsul Kamal; Azhim Asyariatul Azmi	2281-2881	8	1	22	31	http://sipeg.univpancasila.ac.id/uploads/repository/lampiran/DokumenLampiran-15022021212107.pdf
3	Computational fluid dynamics simulation of the turbulence models in the tested section on wind tunnel	Ain Shams Engineering Journal	Erlanda Augupta Pane; Agri Suwandi; Gama Harta Nugraha Nur Rahayu; Budhi Muliawan Suyitno; Ismail; Damora Rhakasywi	2090-4479	11	4	1201	1209	https://www.sciencedirect.com/science/article/pii/S2090447920300484
4	Converting ToD Vehicle from Gasoline to LPG in Indonesia: Cost Identification and Investment Analysis	International Journal of Technology (IJTech)	Muhammad Imron Rosyidi; Tuessi Ari Purnomo; Djoko Wahyu Karmiadji; Eko Muh Widodo	2086-9614	11	1	100	110	https://ijtech.eng.ui.ac.id/article/view/2161

5	Effect of Spark Plasma Sintering (SPS) at Temperatures of 900 and 950oc for 5 Minutes on Microstructural Formation of Fe-25Ni-17Cr Austenitic Stainless Steel	International Journal of Emerging Trends in Engineering Research	Parikin; C A Huang; E A Basuki; A Dimyati; A Insani; B Hermanto; Sri Hardjanto; T Sudiro; D R Adhika; Sumaryo; M Dani; S Mustofa; Syahbuddin	2347 - 3983	8	8	4845	4853	https://www.researchgate.net/publication/344546137_Effect_of_Spark_Plasma_Sintering_SPS_at_Temperatures_of_900_and_950oC_for_5_Minutes_on_Microstructural_Formation_of_Fe-25Ni-17Cr_Austenitic_Stainless_Steel
6	Effect of Temperature of Spark Plasma Sintering on the Development of Oxide Compound in Fe-25wt%Ni-17wt%CrAustenitic Stainless Steel	International Journal of Emerging Trends in Engineering Research	Parikin; M Dani; B Hermanto; S Mustofa; Syahbuddin; T Sudiro; C A Huang; D R Adhika	2347 - 3983	8	9	5661	5667	https://www.researchgate.net/profile/Syahbuddin-Syahbuddin/publication/344546334_Effect_of_Temperature_of_Spark_Plasma_Sintering_on_the_Development_of_Oxide_Compound_in_Fe-25wtNi-17wtCr_Austenitic_Stainless_Steel/links/5fddeb37245851553a0ce2604/Effect-of-Temperature-of-Spark-Plasma-Sintering-on-the-Development-of-Oxide-Compound-in-Fe-25wtNi-17wtCr-Austenitic-Stainless-Steel.pdf
7	Evaluation of Operational Loading of the Light-Rail Transit (LRT) in Capital Region; Indonesia	Automotive Experiences	Djoko Wahyu Karmiadji; Anwar Anwar; Muchamad Gozali; Muji Setiyo; Ramli Junid; Hedi Purnomo	2615-6636	3	3	104	114	http://journal.ummg.ac.id/index.php/AutomotiveExperiences/article/view/3882

8	Machining Parameters Mapping's of Inconel 718 and Aluminum Alloy 1100 in Micro-Milling Process	Key Engineering Materials	Maulana Azmi; Gandjar Kiswanto; Adrian Mandala; Tae Jo Ko; Dr DEDE LIA ZARIATIN S.T; M.T	1662-9795	846	-	99	104	https://www.scientific.net/KEM.846.99
9	Slurry Ice Machine Design Production Capacity of 1.3 Tons	International Journal of Applied Engineering Research	Gunadi Zaenal Abidin; Dendi Haris; Nasirin; Catur Ery Partono; Agus Budihadi; Dahmir Dahlan	0973-4562	15	3	212	215	http://www.ripublication.com/ijaer20/ijaerv15n3_3.pdf
10	The Effect Of Punch Geometry On Punching Process In Titanium Sheet	Jurnal Teknologi	Yani Kurniawan; Muslim Mahardika; Suyitno	2180-3722	82	2	101	111	https://journals.utm.my/jurnalteknologi/article/view/13947
11	The Geometry Of Solar Radiation Energy Equilibrium Distribution On Double-Pass Solar Air Heater With The Addition Of Fin Elements: Case Study In Libya	Journal of Applied Engineering Science	Erlanda Augupta Pane; Budhi Muliawan Suyitno; Abdelhafed Abuzreba; Ismail; La Ode Mohammad Firman	1451-4117	18	2	222	229	http://scindeks.ceon.rs/article.aspx?artid=1451-41172002222M
12	The Improvement Of Electrical Power Generated By Pump As Turbine Using Guide Vane	Journal of Applied Sciences and Advanced Technology	Ismail; Taruna; Dede Lia Zariatina; Danies Seda; Agri Suwandi	2622-6553	3	1	17	20	https://jurnal.umj.ac.id/index.php/JASAT/article/view/7245
13	The recent development on MgH ₂ system by 16 wt% nickel addition and particle size reduction through ball milling: A noticeable hydrogen capacity up to 5 wt% at low temperature and pressure	International Journal of Hydrogen Energy	Agri Suwandi; Reza Abdu Rahman; Dwi Rahmalina; Ismail	0360-3199	45	53	2904	2905	https://www.sciencedirect.com/science/article/abs/pii/S0360319920328366

14	Wind Energy Feasibility Study of Seven Potential Locations in Indonesia	International journal on advanced science engineering information technology	Gama Harta Nugraha Nur Rahayu; Ismail; Asrul Harun Ismail	2088-5334	10	5	1970	1978	http://ijaseit.insightsociety.org/
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TAHUN 2019

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	ISSN	VOL	NO	HAL AWAL	HAL AKHIR	URL
1	The Heat Efficiency Of Residential Buildings In Libya	Journal of Mechanical Engineering Research and Developments (JMERC)	Budhi Muliawan Suyitno; La Ode M. Firman; Nely Toding Bunga; Erlanda Augupta Pane; Ismail; Amar Abobkr Amar Ahmeda	1024-1752	42	1	34	41	http://www.jmerd.org/index.php/jmerd/article/view/286
2	Experimental Of Forced Vibration System Of Single Degree Of Freedom On Tray Type Dryer	International Journal of Mechanical and Production Engineering Research and Development	La Ode Mohammad Firman; I Gede Eka Lesmana; Sorimuda Harahap; Daud Heru	2249-6890; ISSN(E): 2249-8001	9	1	355	364	http://www.tjprc.org/view-paper.php?id=10918
3	The effect of surface roughness of the impeller to the performance of pump as turbine pico power plant	Journal of Mechanical Engineering and Sciences	Dede Lia Zariatun; Dwi Rahmalina; Eko Prasetyo; Agri Suwandi; M. Sumardi	2289-4659 eISSN 2231-8380	13	1	4693	4703	http://journal.ump.edu.my/jmes/article/view/1845
4	Utilization Of The Organic And Inorganic Solid Waste As Acoustic Material	ARNP Journal of Engineering and Applied Sciences	Dino Rimantho; Nur Yulianti Hidayah; Erlanda Augupta Pane	1819-6608	14	8	1502	1506	http://www.arnpjournals.org/jeas/research_papers/rp_2019/jeas_0419_7708.pdf

5	Flow Separation Delay on NACA 4415 Airfoil Using Plasma Actuator Effect	International Review of Aerospace Engineering	Nely Toding Bunga; Harinaldi Harinaldi; Budiarmo Budiarmo; Fadli Cahya Megawanto; Riza Farrash Karim; James Julian	2533-2279	12	4	180	186	https://www.praiseworthyprize.org/jsm/index.php?journal=irease&page=article&op=view&path%5B%5D=23054
6	Microstructure And Deformation Of 57Fe17Cr25NiSi Austenitic Super Alloy After Arc Plasma Sintering	International Journal of Technology	Syahbuddin; Mohammad Dani; Arbi Dimiyati; Parikin; Aziz Khan Jahja; Andon Insani; Damar Rastri Adhika; Ching An Huang	2086-9614 e-ISSN : 2087-2100	10	5	988	998	https://ijtech.eng.ui.ac.id/article/view/2991
7	Effect of Preheating on Punch Force; Sheared Surface and Work Hardening in Cold Punching Process of Commercially Pure Titanium Sheet	International Review of Mechanical Engineering	Yani Kurniawan; Muslim Mahardika; Suyitno; Muhammad Hanitsah Amrullah	1970 - 8734	13	9	504	512	https://www.praiseworthyprize.org/jsm/?journal=ireme
8	The Effect of Mesh Size on Mechanical and Thermal Properties of Bamboo Composites	JEMMME (Journal of Energy, Mechanical, Material, and Manufacturing Engineering)	Dede Lia Zariatini; Ziani Adriant; Yulianto; Ralf Förster	2541-6332 e-ISSN 2548-4281	4	2	63	72	http://ejournal.umm.ac.id/index.php/JEMMME/article/view/9698
9	Microstructural characteristic of the 24Cr2SiMn super ferritic stainless steel synthesized using local Indonesian materials	Malaysian Journal of Fundamental and Applied Sciences	Syahbuddin; Mohammad Dani; Arbi Dimiyati; Parikin; Aziz Khan Jahja; Andon Insani; Fadli Rohman; Riza Iskandar; Ching An Huang	2289-5981 eISSN 2289-599X	15	6	831	836	https://mjfas.utm.my/index.php/mjfas/article/view/1519/pdf

TAHUN 2018

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1	The influence of the excitation frequency of the cavity changes of synthetic jet actuator to the formation of vortex ring	International Journal of Mechanical Engineering and Robotics Research	Ramon Trisno; Harinaldi; Engkos Achmad Kosasih	-	7	3	279	284	https://scholar.ui.ac.id/en/publications/the-influence-of-the-excitation-frequency-of-the-cavity-changes-o
2	Analysis And Innovation On Rdf Dryer Machine	Journal of Mechanical Engineering Research and Developments (JMERC)	La Ode Mohammad Firman; Ismail; Erlanda Augupta Pane; M.Si; I Gede Eka Lesmana	1024-1752	41	3	102	105	https://jmerd.org.my/jmerd-03-2018-102-105/
3	CFD Simulation of Sawdust Gasification on Open Top Throatless Downdraft Gasifier	Journal of Mechanical ENgineering Research and Developments (JMERC)	Ismail; Rachmat Dwi Sampurno; Fajri Vidian	1024-1752	2	2	106	110	https://jmerd.org.my/index.php/01-2018-106-110/
4	Critical Success and Moderating Factors Effect in Indonesian Public Universities' Business Incubators	International Journal of Technology	Dahmir Dahlan; Lina Gozali; Maslin Masrom; Teuku Yuri M. Zagloel; Habibah Norehan Haron; Frans Jusuf Daywin; Mohammad Agung Saryatmo; Docki Saraswati; Asril Fitri Syamas; Eko Harry Susanto	2086-9614	9	5	1049	1060	http://ijtech.eng.ui.ac.id/article/view/1363
5	The Effect Of Ethanol On Fuel Tank Corrosion Rate	Jurnal Teknologi (Universiti Teknologi Malaysia)	Djoko Wahyu Karmiadji; Muji Setiyo; Saifudin; Abdul Wahid Jamin; Rifqi Nugroho	2180-3722	80	6	19	25	https://jurnalteknologi.utm.my/index.php/jurnalteknologi/article/view/12324

TAHUN 2017

NO	JUDUL	NAMA JURNAL	NAMA DOSEN	ISSN	VOL	NO	HAL AWAL	HAL AKHIR	URL
1	The Application of Six Sigma in Process Control of Raw Water Quality on Pharmaceutical Industry at Indonesia	International Journal of Applied Engineering Research	Dino Rimantho; bambang Cahyadi; Rini Prasetyani; Yani Kurniawan; Dedi Hernadi	0973-4562	12	6	848	860	https://www.ripublication.com/ijaer17/ijaerv12n6_07.pdf
2	Analysis Of Influence Of Spindle Speed And Feeding Speed To Tool Wear And Surface Roughness	Journal of Energy, Mechanical, Material and Manufacturing Engineering	Dede Lia Zariatini	2541-6332	1	1	47	53	http://ejournal.umm.ac.id/index.php/JEMMME/article/view/4480/4727
3	Characterization of Aluminum Matrix Composite Al-9Zn-0.1Mg-3Si Reinforced with Ceramic Particulate	Journal Online Jaringan COT POLIPD (JOJAPS)	Dwi Rahmalina; Hendri Sukma; Indra Setiaji	2504-8457	9	-	9	15	http://www.geocities.ws/apacc/paper2a_dwirahmalina102irstc_vol9.pdf
4	Investigation of the micro-milling process of thin-wall features of aluminum alloy 1100	The International Journal of Advanced Manufacturing Technology	Dede Lia Zariatini	0268-3768	93	5-8	2625	2637	https://link.springer.com/article/10.1007/s00170-017-0514-8
5	Optimization Design of Open Circuit Wind Tunnel Suction Type	International Journal of Mechanical & Mechatronics Engineering IJMME-IJENS	Ismail; Damora Rhakasywi; Wina Libyawati; Agri Suwandi; Johanis John; Priska Alfatri Hendrayanto	2227-2771	17	6	121	131	http://ijens.org/IJMME%20Vol%2017%20Issue%2006.html

6	The effect of frequency excitation and cavity shape changes on the vortex ring formation of a synthetic jet actuator	International Journal of Technology	Ramon Trisno; Dewi Larasati; Harinaldi	086-9614	8	7	1286	1295	http://ijtech.eng.ui.ac.id/article/view/730
7	Turbine Design Of Cross-Flow Type Micro-Hydro Power Plant To Generate Power Of 2700 Watt	Journal Online Jaringan COT POLIPD (JOJAPS)	Eddy Djatmiko; Dahmir Dahlan; M. Dwi Trisno; Muhammad Firdausi	2504-8457	11	-	143	151	http://www.geocities.ws/apacc/paper21irstc98_vol10a.pdf
8	Vortex Ring Formation Characteristics in Synthetic Jet due to Changes of Excitation Frequency in the ½-Ball Cavity Actuator	Journal of Physics: Conference Series	Ramon Trisno	1742-6596	822	1	1	8	http://iopscience.iop.org/article/10.1088/1742-6596/822/1/012010