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6	Selection of Peat Firefighting Foam from Palm Oil Fatty Acid Saponification with Simple Additive Weighting (SAW) Method	Purwo Subekti, Erliza Hambali, Ani Suryani, Prayoga Suryadarma, Bambang Hero Saharjo, Mira Rivai	Prosiding SNTTM XVII	Program Studi Teknik Mesin, Universitas Nusa Cendana	Oktober	N	Published	
7	Pengaruh Sonikasi Terhadap Sifat Fisik Formula Herbisida yang Ditambahkan Surfaktan Dietanolamida	Ika Agustin Rusdiana, Erliza Hambali, dan Mulyorini Rahayuningsih	AGRO RADIX: Jurnal Ilmu Pertanian	Agriculture Faculty, Darul 'Ulum Islamic University (UNISDA) of Lamongan	1	N	Published	
8	Biomaterial Compounds and Bioactivity of Horseshoe Crab Carcinus Scaber Biomass Harvested from the Madura Strait	Eka Nurrahema Ning Asih, Mujizat Kawaroe and Dietrich G Bengen	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	141	I	Published	Terindeks scopus
9	Ampel Bamboo Leaves Silicon Dioxide (SiO ₂) Extraction	Irzaman, Novi Oktaviani, Irmansyah	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	141	I	Published	Terindeks scopus
10	Formulation and Performance Test of Palm-Based Foaming Agent Concentrate for Fire Extinguisher Application	M Rivai, E Hambali, A Suryani, R Fitria, Shaeful Firmansyah, Gatot Pramuhadi	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	141	I	Published	Terindeks scopus
11	Cellulose Nanofiber Isolation from Palm oil Empty Fruit Bunches (EFB) through Strong Acid Hydrolysis	Dwi Setyaningsih, Uju, Neli Muna, Isroi, Nyoman Budi Suryawan, Ami Azid Nurfauzi	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	141	I	Published	Terindeks scopus
12	Effects of Gamma Irradiation on the Performance of Jatropha (Jatropha curcas L.) accessions	M Surahman, E Santosa, H Agusta, S I Aisyah, Fifin N Nisya	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	141	I	Published	Terindeks scopus

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13	The Characteristics of Palm Oil Plantation Solid Biomass Wastes as Raw Material for Bio Oil	RN Yanti, E Hambali, G Pari, and A Suryani	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	141	I	Published	Terindeks scopus
14	Microalgae Oil Production: A Downstream Approach to Energy Requirements for the Minamisoma Pilot Plant	Dhani S. Wibawa, Muhammad A. Nasution, Ryoza Noguchi, Tofael Ahamed, Mikihide Demura, Makoto M. Watanabe	Energies	Multidisciplinary Digital Publishing Institute (MDPI)	11	I	Published	Terindeks scopus, Q2
15	Selection of Palm Oil Mill Effluent Treatment for Biogas Generation or Compost Production Using an Analytic Hierarchy Process	Muhammad Ansori Nasution, Dhani S. Wibawa, Tofael Ahame, Ryoza Noguchi	Journal of Material Cycles and Waste Management	Springer Verlag	20	I	Published	Terindeks scopus, Q2
16	Properties of Poly (Vinyl Alcohol)/ Chitosan Nanocomposite Films Reinforced with Oil Palm Empty Fruit Bunch Amorphous Lignocellulose Nanofibers	Achmad Solikhin, Yusuf Sudo Hadi, Muh Yusram Massijaya, Siti Nikmatin, Shigehiko Suzuki, Yoichi Kojima, Hikaru Kobori	Journal of Polymers and the Environment	Kluwer Academic/Plenum Publishers	26	I	Published	Terindeks scopus, Q2

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17	Characterization of Cellulose Nanocrystal with Cellulose II Polymorph from Primary Sludge and Its Application to PVA Nanocomposites	Iwan Risnasari, Fauzi Febrianto, Nyoman Jaya Wistara, Suchayo Sadiyo, Siti Nikmatin, Yoshikuni Teramoto, Seung Hwan Lee, Jae Hyuk JanG, Wahyu Hidayat, Nam Hun Kim	Wood Science and Technology	Springer Verlag	52	I	Published	Terindeks scopus, Q1
18	Sustainability Index Assessment of Palm Oil-Based Bioenergy in Indonesia	Petir Papilo, Marimin, Erliza Hambali, Imas S. Sitanggang	Journal of Cleaner Production	Elsevier BV	196	I	Published	Terindeks scopus, Q1
19	Characteristics of Palm Oil Biodiesel Produced with a Static Mixing Reactor	Inge Scorpi Tulliza, Edy Hartulistiyoso, Dadan Kusdiana, Armansyah Halomoan Tambunan	International Journal of Oil Palm	Indonesian Oil Palm Society	1		Published	
20	Infiltrated Water and Runoff at Four Gradient Slopes at People's Oil Palm Plantation in Dry Season in Jambi, Indonesia	Herdhata AGUSTA, HENDRAYONTO, Muhamad T. SUNDARYANTO, Ambar M. DEWI, Dirk HOELSCHER	Journal of the Japan Institute of Energy		Khusus		Accepted for publish	Terindeks scopus, Q3
21	Carbon Footprint of Strait Vegetable Oil and Bio Diesel Fuel Produced from Used Cooking Oil	H Fujita, K Nakano, H Matsuo and E Hambali	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	publish	Terindeks scopus
22	Assessing Mechanical Properties and Antimicrobial Activity of Zinc Oxide-Starch Biofilm	E. Warsiki and J.T. Bawardi	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus

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23	The Influence of Essential Oil Addition to Oxidative Stability of Palmoil Biodisel	Dwi Setyaningsih, Daud Gerald Siahann	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
24	Analysis of Energy Gap and The Refractive Index of Barium Strontium Titanate (Ba _{0.2} Sr _{0.8} TiO ₃) Films doped of Chlorophyll from Green Leafy Vegetables	E K Palupi, H Alatas, Irzaman	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
25	Extraction and Characterization of Silicon Dioxide from Rice Straw	Nazopatul PH, Irmansyah, Irzaman	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
26	Harvesting Effectiveness of Chlorellasp. Biomass using Different Flocculation Treatments of Moringa oleifera Extract and pH Conditions	Wasiatul Maghfiroh, Erdawati, Ganjar Saefurahman, Syarif Hidayatulloh, and Mujizat Kawaroe	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
27	Dragon Fruit Freshness Detector Based on Methyl Red Colour Indicator	E. Warsiki and N. Rofifah	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
28	Economic Analysis of Sorghum Plant Cultivation as Biomass Source for 2nd Generation Biofuel Feedstock	Erliza Hambali, Mira Rivai, Obie Farobie, Nindiyo Caroko, Septhian Marno, Ari Imam Sutanto	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus

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29	Effect of Extraction Time and Na ₂ CO ₃ Concentration on the Characteristics of Alginate Extracted from Sargassum sp.	Erliza Hambali, Satya Candra Wibawa Sakti, Mochamad Zakki Fahmi, Febri Eko Wahyudianto, Nuryono, Yessi Permana, Mohamad Yani, Ellya Sinurat, Borneo Satria Pratama	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
30	Physico-chemical Properties Tests of Palm Oil Based Foaming Agent Using Water Solvent Media from Peatland	Mira Rivai, Erliza Hambali, Ani Suryani, Gatot Pramuhadi, Rista Fitria, Shaeful Firmansyah	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
31	Study on Surfactant-Solvent Mixture Formulation and Its Application on Pesticide Emulsion Product	J Foliadi, E Hambali, and H Fujita	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
32	Study on Palm Oil-Based Glycerol Ester as An Antifoaming Agent	R Febryantara, E Hambali, H Fujita, and A Suryani	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
33	Synthesis and Application CTAC Surfactant from Palmityl Alcohol in Insecticide Emulsifiable Concentrate Formulation	E N Yunira, A Suryani, Dadang, S Tursiloadi	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
34	Change of Chemical Components Content in Andong and Yellow Bamboo due to Various Steam Treatment	Muhammad Iqbal Maulana, A K Arif, D S Nawawi, N J Wistara, F Febrianto and S Nikmatin	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus

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35	Application of Mono-Diacyl Glycerol from Palm Oil By Product as Emulsifier for Body scrub	Dwi Setyaningsi, Putik Loka Wijayanti, Neli Muna	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
36	Reduction of Silicon Dioxide from Bamboo Leaves and Its Analysis using Energy Dispersive X-Ray and Fourier Transform-Infrared	Aminullah, E Rohaeti, B Yuliarto and Irzaman	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus
37	Extending Wire Method for Field Assessment of Surface Peat Thickness Loss due to Peat Fire Incidence in Oil Palm Plantations	Herdhata Agusta, Fifi Nasyirotun Nisya, Gani Cahyo Handoyo, Nyoto Santoso, Idung Risdiyanto, Wawan, Krisantini	Proceeding IOP Conf. Series: Earth and Environmental Science	IOP Publishing Ltd	209	I	Published	Terindeks scopus