

Judul ⁽¹⁾	Nama-nama Dosen	Dipublikasikan pada	Tahun Penyajian/ Publikasi	Nama Lembaga Sitasi ⁽²⁾	Tingkat ⁽³⁾		
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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Exergy analysis on simultaneous charging and discharging of solar thermal storage for drying application,	Armansyah.H. Tambunan	Drying Technology, 28(9), 1107-1112	2010	Scopus, Google Scholar			√ *
Development of automatic grading machine prototype for citrus using image processing	Usman Ahmad	Australian J. of Agric. Eng. Vol. 1(5):165-169	2010	Google Scholar			√
Comparison on the Farming System and Carbon Sequestration between Conventional and Organic Rice Production in West Java, Indonesia	M. Faiz Syuaib	Journal of Sustainability (Open Access International Journal), 2(3), 833-843	2010	Google Scholar			√
Lifecycle Duration and Maturity Heterogeneity of Jatropha Curcas, Linn	Armansyah.H. Tambunan, Sutrisno,	Journal of Sustainable Development Vol. 3(2) Juni, 2010	2010	Google Scholar			√
Extracted oil yield and biomass changes during on-tree maturation, ripening and senescence of jatropha curcas, Linn fruits,	Armansyah.H. Tambunan, Sutrisno,	European Journal of Scientific Research, Vol. 44(4), 602-609	2010	Google Scholar			√
Comparison of Static-Mixer and Blade Agitator Reactor in Biodiesel Production,	Armansyah H. Tambunan	CIGR e-Journal, Vol.XII(2010), paper No.1566	2010				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Weeds and Plants Recognition using Fuzzy Clustering and Fractal Dimension Methods for Automatic	Mohamad Solahudin, Kudang B S, I Wayan Astika	Prosiding AFITA	2010				√
Experimental investigation on the application of vibration to reduce draft requirement of subsoiler.	P. A. S. Radite, W. Hermawan, Mulyana, A.B. Rizkianda, H.B. Crosby.	International Agricultural Engineering Journal ISSN 0858-2114 Vol. 19, No. 1, July p.31-38	2010	Google Sholar			√
Analytical study of self-excited vibration on single degree of freedom vibratory-tillage.	Soeharsono, Radite P.A.S.	ARPN Journal of Engineering and Applied Sciences ISSN 1819-6608 VOL. 5, NO. 6, June P. 61-66	2010	Google Sholar			√
Speaking plant approach for automatic fertigation system in greenhouse	Usman Ahmad, Dewa made Subrata,	International Journal of Signal processing, Image Processing, and pattern recognition, Vol.4 no. 3	2011	Google Scholar, CiteseerX			√
The tendency of Global Food Supply and Its Anticipation for Indonesia	Endang Gumbira	Journal of Food (Pangan)	2011				√
The Future of Palm Oil Industrial Cluster of Riau Region	Endang Gumbira	European Journal of Social Science,	2011				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		24(3)					
Research, Development and Application of National Innovation System of Science and Technology for the Development of Sustainable Oil Palm Agribusiness in Indonesia	Endang Gumbira	Asian Forum on Business Education Journal	2011	Google Scholar			√
Analysis of Indonesian Agroindustry Competitiveness In Nanaotechnology Development Perspective Using SWOT-AHP Method	Endang Gumbira	Journal of Business and Management Canada	2011				√
An Innovative New Application of Oxidizing Agents to Accelerate Chamois Leather Tanning. Part I: The Effects of Oxidizing Agents on Chamois Leather Quality	Endang Gumbira	Journal of the American Leather Chemists Association	2011				√
A Supervisory control system for Temperature and Humidity in a close house model for broilers	Kudang Boro Seminar, I Dewa Made Subrata,	International Journal of Engineering and Sciences, IJENS, Vol.11 no.6	2011				√
The Utilization of Condenser's Heat Loss on Freeze Drying Process of Aloe vera	Muhamad Yulianto,	Research Journal of Applied Sciences	2011	Scopus, Google Scholar			√

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Plant Speaking Approach for Automatic Fertigation System in Greenhouse	Usman Ahmad, I Dewa Made Subrata	International Journal of Signal Processing, Image Processing and Pattern Recognition, Vol. 4, No. 3, 95-106	2011				√
Pengembangan Sistem Aquisisi Data kadar Nitrogen Tanah Berbasis Sensor Infra Merah Sebagai Pendoman Penentuan Dosis Pemupukan	I Wayan Astika, Lenny Saulia	Jurnal Teknik Pertanian Vol. 25, No.2	2011				√
Effect of Blending Ratio of Cocodiesel (CME) on Diesel Engine Performance	Desrial	Proceedings of Internatiional Conference on Chemical Innovation 2011, TATI University College, Mei 2011, hal 150-154, Malaysia	2011				√
Design and Performance Test of Embeded Module Metering Device for Variable Rate Fertilizer Applicator	Radite, P.A.S, Wawan Hermawan	ICORAS 2011, TATI UC Trengganu, Malaysia 23-24 May 2011	2011				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Digital Camera Based Color Sensor for Determining Leaf Color Level of Paddy Plants	I Wayan Astika	Procedings ICORAS Symposium, Malaysia 2011	2011				√
Development of Citrus Grading System Using Image Processing	Usman Ahmad	Int. Conference on Food and Engineering, 23-26 Mei 2011, Atena, Yunani	2011	Google Scholar			√
Modulation of rheological properties by heat-induced aggregation of whey protein solution	Nanik Purwanti,	Food Hydrocolloids	2011	Scopus, Google Scholar			√
Development of selected field machinery for Jatropha Curcas sustainable farming	Tineke Mandang	International Journal of Renewable Energy (IIRE) vol 6(2) : 29-34	2011				v
High accumulation of lipids during off-tree ripening and senescence Jatropha curcas Linn Luanti assession kernels,	Armansyah H. Tambunan	American J. of Scientific and Industrial Research, 2(2), 246-250	2011				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
The Influence Of Elastic Springs And Spring Orientation On The Draft Force During Tillage Operation	Soeharsono, P. A. S. Radite, M. Tineke, H. Wawan and S. Asep.	ARPN Journal of Engineering and Applied Sciences ISSN 1819-6608 VOL. 6, NO. 5, MAY 2011 p.56-60	2011				√
Experimnetal Study On The Effect Of Freezing Medium Temperatureon Exergy Efficiency	Armansyah H. Tambunan	Int. J. Exergy	2012	Google Scholar			√
A Continuous-Flow Bubble Column Reactor For Biodiesel Production By No-Catalytic Transesterification	Armansyah H. Tambunan	Int. J. Exergy	2012				√
The Prospect of Electrical Impedance Spectroscopy as Non-destructive Evaluation of Citrus Fruits Acidity	I Wayan Budiastra, Kudang Boro Seminar	International Journal of Emerging Technology and Advanced Engineering	2012	Google Scholar			√
Devlopment of a Compact Vacuum Drying for Jelly Fish (Schypomedusae)	Muhamad Yulianto,	Jurnal Teknologi UTM	2012	Google Scholar			√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Reducing the stiffness of concentrated whey protein isolate (WPI) gels by using WPI microparticles	Nanik Purwanti,	Food Hydrocolloids	2012	Scopus ,Google Scholar ,Science Direct			√
Electrical Behavior of Garut Citrus Fruits During Ripening Changes in Resistance and Capacitance Models of Internal Fruit	I Wayan Budiastira, Kudang B. Seminar	International Journal of Engineering & Technology Vol 12 No 04	2012	Google Scholar			√
yield and physicochemical properties of mechanically extracted crude jatropha curcas L oil	Armansyah H. Tambunan	biomass and bioenergy, elsevier	2012	Scopus			√
The Effect of Biodiesel to Pollutant Emission and External Cost; Biodiesel Utilization in Transportation Sector: Case Study Jakarta,	Armansyah H. Tambunan	Lambert Academic Publishing, Germany	2012				√
Fruit Maturity and Extractable Oil Yield of Jatropha curcas: Reproductive Characters and Effect of Harvest and Post-harvest to Extractable Oil of Jatropha curcas Linn	Armansyah H. Tambunan	Lambert Academic Publishing, Germany	2012				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
CCD Camera Based Color Sensor for Determining Leaf Color Level of Paddy Plant	I Wayan Astika, Radite R.P.A, Mohamad Solahudin, M.Faiz Syuaib	ICORAS 2011, TATI UC Trengganu, Malaysia 23-24 May 2012	2012				√
Application of Semi-cutting and Waxing to Facilitate Easy Opening for Mangosteen After Long Periode Storage in Low Temperature.	Usman Ahmad, Emmy Darmawaty	2nd Asia Pacific Symposium on Postharvest Research, Education, and Extension.	2012				√
Labor Energy Analysis on Nutmeg-mace Separator Machine	Lenny Saulia	Proc. of the 19th Tri-University International Joint Seminar and Symposium	2012				√
Asian Education and Research Collaboration for sustainable agriculture in Asia: Role, challenge and prospect for the future generation	M.Faiz Syuaib	International Workshop on collaborative educations for sustainability of agriculture and environment, 26-27 nov 2012	2012				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Learning outcomes and reciprocally principles in developing double degree program; lesson learned form "IPB-Ibaraki University DD Program"	M.Faiz Syuaib	The 8th QS-APPLE Conference, Bali 14-16 Nov 2012	2012				√
CCD Camera Based Color Sensor for Determining Leaf Color Level of Paddy Plant	I Wayan Astika, Radite R.P.A, Mohamad Solahudin, M.Faiz Syuaib	ICORAS 2011, TATI UC Trengganu, Malaysia 23-24 May 2012	2012				√
Determination of Chemical Properties in Jatropha Curcas L. Seed IP-3P by Partial Least-Squares Regression and Near-Infrared Reflectance Spectroscopy	I Wayan Budiastira, Kudang Boro Seminar	International Journal of Agriculture Innovations and Research	2013	Google Scholar			√
Non Destructive and Rapid Analysis of Catechin Contentin Gambir (Uncaria gambir Roxb.) Using NIR Spectroscopy	I Wayan Budiastira	International Journal of Engineering and Scientific Research	2013				√
Effect of Hot air Reservoir and Insulator tray in the Development of Vacuum Freeze Drying	Muhamad Yulianto	Journal of Applied Mechanic and Material	2013	Google Scholar, Scopus			√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Stiffening in gels containing whey protein isolate	Nanik Purwanti	International Dairy Journal	2013	Google Scholar, Scopus			√
Physical and Mechanical Properties of Palm Oil Frond and Stem Bunch for Developing Pruner and Harvester Machinery Design.	Yazid Ismi Intara, Hamdi Mayulu, P.A.S. Radite	International Journal of Science and Engineering (IJSE), ISSN: 2086-5023 Vol 4, No 2 (2013).	2013				√
The modification for increasing productivity at hydrolysis reactor with Jatropha Curcas linn capsule husk as biomethane feedstocks at two stage digestion	Leopold O Nelwan	Energy Procedia 32 (2013) 47 – 54	2013	Google Scholar			√
The study of two stages anaerobic digestion application and suitable bio-film as an effort to improve bio-gas productivity from Jatropha Curcas Linn capsule husk	Leopold O Nelwan	Energy Procedia 32 (2013) 84 – 89	2013	Google Scholar			√
Protein micro-structuring as a tool to texturize protein foods	Nanik Purwanti	Food & Function	2013	Scopus, Google Scholar			√

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Performance of the rack type-Greenhouse effect solar dryer for wild ginger (<i>Curucuma xanthorizza</i> Roxb.) drying"	Dyah Wulandani	EBTKE CONEX	2013			√	
Engineering Characteristics and Potential Energy of Oil Palm Fruit Bunches Harvesting	Wawan Hermawan, Desrial	The International Symposium on Agricultural and Biosystem Engineering (ISABE) 2013	2013				√
Design of Iron Wheel of A Light Tractor for Crop Maintenance in Unconsolidated Paddy Field	Radite, P.A.S, I wayan Astika, Dewa Made Subrata	The International Symposium on Agricultural and Biosystem Engineering (ISABE) 2013	2013				√
Functional Interaction Between Pressure and Soil Sinkage for Terrestrial Robotic Vehicles	Lenny Saulia	The International Symposium on Agricultural and Biosystem Engineering (ISABE) 2013	2013				√
Quality Review of Three Types of Mangosteen Using Ultrasonic Waves	Emmy Darmawati	The International Symposium on Agricultural and Biosystem	2013				√

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		Engineering (ISABE) 2013					
Method of Waxing on Quality and Shelf-life of Semi-Cutting Mangosteen in Low Temperature Storage	Usman Ahmad, Emmy Darmawaty	The International Symposium on Agricultural and Biosystem Engineering (ISABE) 2013	2013				√
Fuel Feeding Rate Controlling Base on The Temperature Distribution Simulation on Rosella Pod (<i>Hibiscus sabdariffa</i> Linn) Drying Process	Dyah Wulandani, Leopold O Nelwan, Dewa Made Dubrata	The International Symposium on Agricultural and Biosystem Engineering (ISABE) 2013	2013				√
Study of Active Packaging System by Using Ethylene Adsorber to Prolong The Storage Life of Avocado Fruits (<i>Persea americana</i> Mill)	Lilik Pujantoro	The International Symposium on Agricultural and Biosystem Engineering (ISABE) 2013	2013				√
Image Processing Method for Counting of Fish Eggs and Fish Juveniles	I Wayan Astika	The International Symposium on Agricultural and Biosystem Engineering	2013				√

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		(ISABE) 2013					
Prediction of Hardness Development in Mangosteen Peel using NIR Spectroscopy During Low Temperature Storage	Usman Ahmad , Sutrisno, Y. Aris Purwanto, Wayan Budiastara, Yoshio Makino, Seiichi Oshita, Yoshinori Kawagoe, Shinichiro Kuroki, Dwi Dian Novita	Engineering in Agriculture, Environment and Food	2014				√
Identification of UV-Fluorescence Components for Detecting Peel Defects of Lemon and Yuzu using Machine Vision	Md. Abdul Momin, Makoto Kuramoto, Naoshi Kondo, Kyohei Ido, Yuichi Ogawa, Tomoo Shiigi, Usman Ahmad	Engineering in Agriculture, Environment and Food	2014				√
Weed Control Decision Support System Based on Precision Agriculture Approach	Rizky Mulya Sampurno, Kudang Boro Seminar , Yuli Suharnoto	TELKOMNIKA	2014				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Electrical Properties of Garut Citrus Fruits at Low Alternating Current Signal and its Correlation with Physicochemical Properties During Maturation	J. Juansaha, I. W. Budiastira, K. Dahlan & K. B. Seminar	International Journal of Food Properties	2014				√
Wind Compensation for an Open Field Spread Spectrum Sound-Based Positioning System Using a Base Station Configuration	Slamet Widodo , Tomoo Shiigi, Naing Min Than, Hideo Kikuchi, Keigo Yanagida, Yoshiaki Nakatsuchi, Yuichi Ogawa, Naoshi Kondo	Journal Engineering in Agriculture, Environment and Food,	2014				√
Effect of Plasticizer on Oxygen Permeability of Cast Polylactic acid (PLA) Films Determined using Dynamic Accumulation Method	Kurniawan Yuniarto, Bruce A. Welt, Y. Aris Purwanto, Hadi Karia Purwadaria, Ayman Abdellatif	Journal of Applied Packaging Research,	2014				√
Water Vapour Absorbtion by LiBr-H ₂ O Solution	Bayu Rudiyanto, Teti E. Nababan, Armansyah H. Tambunan, Tsair-Wang Chung	European Journal of Scientific Research	2014				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Household income, living and working conditions of dumpsite waste pickers in Bantar Gebang: Toward integrated waste management in Indonesia	Shunsuke Sasaki, Tetsuya Araki, Armansyah Halomoan Tambunan , Heru Prasadja	Resources, Conservation and Recycling,	2014				√
Comparison of Biodiesel Production by Conventional and Superheated Methanol Vapor Technologies Using Life Cycle Assessment Method	Rosmeika, Arief Sabdo Yuwono, Armansyah H. Tambunan	Journal Environmental Engineering Science,	2014				√
Rancang Bangun Piranti Lunak Sistem Konsultasi Pemilihan	Sri Setiawati, Hadi Alikodra, Bambang Pramudya, Arya Hadi Dharmawan	Journal World Technopolis Review,	2014				√
The Application Of Ultrasonic Sensor And Atemega328 Arduino To Measure The Ploughing Depth Elevation Of Drainage Channel	M. Hariansyah, Setiawan R.P.A, Desrial, Made D.S, Asep Sapei	International Journal of Science and Research (IJSR),	2014				√
Evaluation of Land Suitability for Brackishwatershrimp Farming using GIS in Mahakam Delta, Indonesia	Yunianto Setiawan, Dietriech G. Bengen, Cecep Kusmana, Setyo Pertiwi	Journal of Environment and Earth Science	2014				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Design of Decision Support System For Internet Banking Technology Service Development : Case Study In PT Bank Rakyat Indonesia (BRI Persero) Tbk	Ilham Arif Gautama, Kudang Boro Seminar, Lilik Noor Yuliaty	International Journal of Information Technology and Business Management E-Journal	2014				√
Reactivity of palm fatty acids for the non-catalytic esterification in a bubble column reactor at atmospheric pressure	Joelianingsih, Armansyah H Tambunan, Hiroshi Nabetani	Energy Procedia	2014				√
The Development of Enterprise Resource Planning (ERP) Selection Methodology using Delta Model	Joko Ratono, Kudang Boro Seminar, Yandra Arkeman, Arif Imam Suroso	International Journal of Information Technology and Business Management	2014				√
Anthropometric study of farm workers on Java Island, Indonesia, and its implications for the design of farm tools and equipment	M. Faiz Syuaib	Applied Ergonomics	2015				√
Modification of Biodiesel Reactor by using of Triple Obstacle within the Bubble Column Reactor	Dyah Wulandani , Fajri Ilham, Yayan Fitriyan, Ahmad Indra Siswantara, Hiroshi Nabetani,	Energy Procedia	2015				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Shoji Hagiwara						
Multi-copter Development as a Tool to Determine the Fertility of Rice Plants in the Vegetation Phase using Aerial Photos	P.P. Rizky Aidil, Liyantono , Mohamad Solahudin	Procedia Environmental Sciences	2015				√
Gemini Virus Attack Analysis in Field of Chili (Capsicum Annuum L.) Using Aerial Photography and Bayesian Segmentation Method	Mohamad Solahudin, Bambang Pramudya, Liyantono , Supriyanto, Romi Manaf	Procedia Environmental Sciences	2015				√
Stability of monodisperse clove oil droplets prepared by microchannel emulsification	Nanik Purwanti , Marcos A.Neves, Kunihiko Uemura, Mitsutoshi Nakajima, Isao Kobayashi	Colloids and Surfaces A "Physicochemical and Engineering Aspects",	2015				√
Nondestructive Evaluation of Anthocyanin Concentration and Soluble Solid Content at the Vine and Blossom Ends of Green Mature Mangoes during Storage by Hyperspectral Spectroscopy	Yoshio Makino, Aiko Isami, Takehiro SUHARA, Kenjiro GOTO, Seiichi Oshita, Yoshinori	Food Science and Technology Research	2015				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	KAWAGOE, Shinichiro KUROKI, Yohanes Aris Purwanto, Usman Ahmad, Sutrisno						
Optimizing the Formula of Composite Non-Rice Carbohydrate Sources for Simulated Rice Grain	Iyus Hendrawan, Sutrisno, Purwiyatno Hariyadi, Y.Aris Purwanto, Rokhani Hasbullah	International Journal of Scientific & Engineering Research	2015				√
Measurement of starch and soluble solid Content in Papaya using Near Infrared spectroscopy	Yohanes Aris Purwanto, I. Wayan Budiastira, Emmy Darmawati, Nur Arifiya	Journal of Chemical and Pharmaceutical Research	2015				√
A Comparison of Life Cycle Assessment on Oil Palm (<i>Elaeis guineensis</i> Jacq.) and Physic nut Feedstock for Biodiesel Production in Indonesia	Kirman Siregar, Armansyah H.Tambunan , Abdul K .Irwanto, Soni S. Wirawan, Tetsuya Araki	Energy Procedia	2015				√

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(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
An Educational Approach to Establish Agricultural Sustainability : Lesson Learned from a Reciprocal Double Degree Program between Universities in Indonesia and Japan	M. Faiz Syaib, Masakazu Komatsuzaki, Hiroyuki Ohta, Nobuo Sakagami, Nahrowi Ramli, Dahrul Syah	Sustainability	2015				√