

SECTION C: Quantity and Quality of Research

1. Publications

a. ii) Journal in Quartile 1 and Quartile 2

b. Total number of publications in SCOPUS / WOS / ERA:

i) Journals

Penerbitan berbentuk ABSTRACT, BOOK REVIEW, EDITORIAL, MEETING ABSTRACT, LETTERS TO EDITOR dan ERATUM tidak diambil kira

ii) Conference proceedings

penerbitan tersebut diindeks dalam SCOPUS / WOS / ERA sahaja

NO	AUTHORS	STAFF ID	ARTICLE TITLE	JOURNAL TITLE	VOLUME	ISSUE	Art. No.	PAGES	ISSN	ISBN	DOCUMENT TYPE	INDEXING	IMPACT FACTOR	QUARTILE
BIOCOMPOSITE														
1	M. Nahavandi, M.A. Azmah Hanim , Z.N. Ismarubie, A. Hajalilou, R. Rohaizuan and M.Z. Shahrul Fadzli	A03458	Effects of Silver and Antimony Content in Lead-Free High-Temperature Solders of Bi-Ag and Bi-Sb on Copper Substrate	Journal of Electronic Materials	43	2	-	579 - 585	0361-5235	-	Journal	ISI	1.635	Q2
2	T.T. Dele-Afolabi, M.A. Azmah Hanim , M. Norkhairunnisa and H.M. Yusoff	A03458	Physcal and Mechanical Properties Enhancement of Lead Free Solders reinforced with Carbon Nanotubes: A Critical Review	Advances in Environmental Biology	8	8	-	2600 - 2608	-	-	Journal	Scopus	-	-
3	M. Nahavandi, M.A. Azmah Hanim , Z.N. Ismarubie and F. Baserfalak	A03458	Microstructural Evaluation of Bi-Ag and Bi-Sb Lead-free High-Temperature Solder Candidates on Copper Substrate with Multiple Reflow Number	Applied Mechanics and Materials	564	-	-	388 - 393	-	-	Journal	Scopus	-	-
4	Karimi, S., Paridah, M.T. , Karimi, A., Dufrense, A., and Abdulkhani, A.	A01188	Kenaf bast cellulosic fibers hierarchy: A comprehensive approach from micro to nano	Carbohydrate Polymers	101	-	-	878 - 885	0144-8617	-	Journal	ISI	3.916	Q1
5	Nor Hafizah, A.W., Paridah, M.T. , Nor Yuziah, M.Y., Zaidon, A., Choo, A.C.Y, and Nor Azowa, I.	A01188	Influence of Resin Molecular Weight on Curing and Thermal Degradation of Plywood Made From Phenolic Prepreg Palm Veneers	The Journal of Adhesion	90	-	-	210 - 229	0021-8464	-	Journal	ISI	0.897	Q3
6	Samaneh Karimi, Alain Dufresne, Paridah Md. Tahir , Ali Karimi and Ali Abdulkhani	A01188	Biodegradable starch-based composites: effect of micro and nanoreinforcements on composite properties	Journal of Material Science	DOI 10.107/s10853-014-8151-1.	-	-	-	0022-2461	-	Journal	ISI	2.305	Q1

7	Majid Deghan Nayeri, Paridah Md Tahir , Mohammad Jawaid, Zaidon Ashaari, Luqman Chuah Abdullah, Edi Suhaimi Bakar and Farideh Namvar	A01188	Medium Density Fireboard Made from Kenaf (<i>Hibiscus cannabinus L.</i>) Stem: Effect of Thermo-mechanical Refining and Resin Content	BioResources	9	2	-	2372 - 2381	1930-2126	-	Journal	ISI	1.549	Q1
8	Majid Deghan Nayeri, Paridah Md Tahir , Mohammad Jawaid, Jalaluddin Harun, Luqman Chuah Abdullah, Edi Suhaimi Bakar, Samaneh Keshani and Farideh Namvar	A01188	Effects of Resin Content and Pressure on the Performance Properties of Rubberwood-kenaf Composite Board Panel	Fibers and Polymers	15	6	-	1263 - 1269	1229-9197	-	Journal	ISI	1.113	Q2
9	Naheed Saba, Paridah Md Tahir and Mohammad Jawaid	A01188	A Review on Potentiality of Nano Filler/Natural Fiber Filled Polymer Hybrid Composites	Polymers	6	-	-	2247 - 2273	2073-4360	-	Journal	ISI	2.505	Q2
10	M. T. Paridah , A.H. Juliana, Y. A. El-Shekeil, M. Jawaid and O.Y. Alothman	A01188	Measurement of mechanical and physical properties of particleboard by hybridization of kenaf with rubberwood particles	Measurement	56	-	-	70 - 80	0263-2241	-	Journal	ISI	1.526	Q2
11	Majid Dehghan Nayeri, Paridah Md Tahir , Mohammad Jawaid, Jalaluddin Harun, Luqman Chuah Abdullah, Edi Suhaimi Bakar, Samaneh Keshari & Farideh Namvar	A01188	Effect of resin content and Pressure on the Performance Properties of Rubberwood-Kenaf Composite Board Panel	Fibres and Polymers	15	6	-	1263 - 1269	1229-9197	-	Journal	ISI	1.113	Q2
12	Hamid Reza Taghiyari, Mohammad Ghorbanali and Paridah M.D. Tahir	A01188	Effects of the Improvement in Thermal Conductivity Coefficient by Nano-Wollastonite on Physical and Mechanical properties in Medium-Density Fiberboard (MDF)	BioResources	9	3	-	4138 - 4149	1930-2126	-	Journal	ISI	1.549	Q1
13	Majid Deghan Nayeri, Paridah Md Tahir , Hamid R. Taghiyari, Aisyah Homaira Alias, Ali Karimi, Luqman Chuah Abdullah, Edi Suhaimi Bakar and Farideh Namvar	A01188	Medium Density Fireboard Made from Kenaf Bast and Core: Effects of Refining Pressure and Time on Specific Gas Permeability	BioResources	9	4	-	7198 - 7208	1930-2126	-	Journal	ISI	1.549	Q1

14	Faris M. Al-Oqla, Mohd Sapuan Salit , Mohamad Ridzwan Ishak and Nuraini Abdul Aziz	A01754	Combined Multi-criteria Evaluation Stage technique as an Agro Waste Evaluation Indicator for Polymeric Composites: Date Palm Fibers as a Case Study	BioResources	9	3	-	4608 - 4621	1930-2126	-	Journal	ISI	1.549	Q1
15	A.R. Mohamed, S. M. Sapuan and A. Khalina	A01754	Mechanical and Thermal properties of Josapine Pineapple Leaf Fiber (PALF) and PALF-reinforced Vinyl Ester Composites	Fibers and Polymers	15	5	-	1035 - 1041	1229-9197	-	Journal	ISI	1.113	Q2
16	M.F.M. Alkbir, S.M. Sapuan , A.A. Nuraini and M.R. Ishak	A01754	Effect of Geometry on Crashworthiness Parameters of Natural Kenaf Fibre Reinforced Composite Hexagonal Tubes	Materials and Design	60	-	-	85 - 93	0261-3069	-	Journal	ISI	3.171	Q1
17	Y.A. El-Shekeil, S.M. Sapuan , M. Jawaid and O.M. Al-Shuja'a	A01754	Influence of Fiber Content on Mechanical, Morphological and Thermal Properties of Kenaf Fibers reinforced Poly(vinyl chloride)/Thermoplastic Polyurethane Poly-Blend Composites	Materials and Design	58	-	-	130 - 135	0261-3069	-	Journal	ISI	3.171	Q1
18	M.D. Azaman, S.M. Sapuan , S. Sulaiman, E.S. Zainudin and A. Khalina	A01754	Numerical Simulation Analysis of the In-Cavity Residual Stress Distribution of Lignocellulosic (Wood) Polymer Composites used in Shallow Thin-Walled Parts Formed by the Injection Moulding Process	Materials and Design	55	-	-	381 - 386	0261-3069	-	Journal	ISI	3.171	Q1
19	R. Yahaya, S.M. Sapuan , M. Jawaid, Z. Leman and E.S. Zainudin	A01754	Effect of Post Curing, Fibre Content and Resin-Hardener Mixing Ratio on the Properties of Kenaf-Aramid Hybrid Composites	Applied Mechanics and Materials	548 - 549	-	-	7 - 11	-	-	Journal	Scopus	-	-
20	Y.A. El-Shekeil, S.M. Sapuan and M. Haron	A01754	Effect of Fiber Loading on Tensile Properties of Cocoa Pod Husk Fibers Reinforced Thermoplastic Polyurethane Composites	Applied Mechanics and Materials	564	-	-	346 - 349	-	-	Journal	Scopus	-	-
21	Y.A. El-Shekeil, S.M. Sapuan and M. Haron	A01754	Optimization of Processing Parameters and Fiber Content of Cocoa Pod Husk Fiber-Reinforced Thermoplastic Polyurethane Composites by Taguchi Method	Applied Mechanics and Materials	564	-	-	394 - 399	-	-	Journal	Scopus	-	-
22	R. Yahaya, S.M. Sapuan , Z. Leman and E.S. Zainudin	A01754	Selection of Natural Fibre for Hybrid Laminated Composites Vehicle Spall Liners using Analytical Hierarchy Process (AHP)	Applied Mechanics and Materials	564	-	-	400 - 405	-	-	Journal	Scopus	-	-

23	S. Misri, S.M. Sapuan , Z. Leman and M.R. Ishak	A01754	Tensile Properties of Kenaf Yarn Fibre Reinforced Unsaturated Polyester Composites at Different Fibre Orientations	Applied Mechanics and Materials	564	-	-	412 - 417	-	-	Journal	Scopus	-	-
24	M.R. Mansor, S.M. Sapuan , E.S. Zainudin, A.A. Nuraini and A. Hambali	A01754	Thermoplastic Matrix Material Selection using Criteria Decision Making Method for Hybrid Polymer Composites	Applied Mechanics and Materials	564	-	-	439 - 443	-	-	Journal	Scopus	-	-
25	Mohd Aris, K.D., Mustapha, F., Sapuan, S.M. and Majid, D.	A01754	Experimental Validation on Time base Analysis of Various Aircraft CFRP Panel Conditions for Structural Health Monitoring	Key Engineering Materials	594 - 595	-	-	935 - 939	-	-	Journal	Scopus	-	-
26	Y.A. El-Shekeil, S.M. Sapuan and M.W. Algrafi	A01754	Effect of fiber loading on mechanical and morphological properties of cocoa pod husk fibres reinforced thermoplastic polyurethane composites	Materials and Design	64	-	-	330 - 333	-	-	Journal	ISI	3.171	Q1
27	R. Yahaya, S.M. Sapuan , M. Jawaid, Z. Leman, and E.S.Zainudin	A01754	Quasi-static penetration and ballistic properties of kenaf-aramid hybrid composites	Materials and Design	63	-	-	775 - 782	-	-	Journal	ISI	3.171	Q1
28	Yusriah Lazim, S.M. Sapuan , E.S. Zainudin, Mariatti, Mustapha and M. Jawaid	A01754	Effect of alkali treatment on the physical, mechanical, and morphological properties of waste betel nut (Areca catechu) husk fiber	BioResources	9	4	-	7721 - 7736	1930-2126	-	Journal	ISI	1.549	Q1
29	J. Sahari, S.M. Sapuan , E.S. Zainudin and M.A. Maleque	A01754	Degradation characteristics of SPF/SPS biocomposites	Fibres & Textiles in Eastern Europe	107	5	-	96 - 98	-	-	Journal	ISI	0.541	Q3
30	J. Sahari, S.M. Sapuan , E.S. Zainudin and M.A. Maleque	A01754	Physico-chemical and thermal properties of starch derived from sugar palm tree (Arengapinnata)	Asian Journal of Chemistry	26	4	-	955 - 959	-	-	Journal	ISI	0.355	Q4
31	K.A. Mohammad, S.M. Sapuan , E. S.Zainudin, N.I.Zahariand A. Ali	A01754	Fatigue life prediction of Austenitic type 316L stainless steel using ABAQUS	Advanced Materials Research	911	-	-	459 - 462	-	-	Journal	Scopus	-	-
32	R. Yahaya, S.M. Sapuan , M. Jawaid, Z. Leman, and E.S. Zainudin	A01754	Effects of kenaf contents and fibre orientation on physical, mechanical and morphological properties of hybrid laminated composites for vehicle spall liners	Polymer Composites (Online Available).DOI 10.1002/pc.23053	-	-	-	-	0272-8397	-	Journal	Scopus, ISI	1.455	Q2
33	R. Yahya, S.M. Sapuan , M. Jawaid, Z. Leman and E.S. Zainudin	A01754	Mechanical Performance of Woven Kenaf-Kevlar Hybrid Composites	Reinforced Plastics & Composites	33	24	-	2242 - 2254	-	-	Journal	ISI	1.188	Q2

34	A.M. Fairuz, S.M. Sapuan , E.S. Zainudin and C.N.A. Jaafar	A01754	Polymer Composite Manufacturing using a Pultrusion Process: A Review	American Journal of Applied Sciences	11	10	-	1798 - 1810	1546-9239	-	Journal	Scopus	-	-
35	J. Sahari, S.M. Sapuan , E.S. Zainudin and M.A. Maleque	A01754	Biodegradability and Mechanical Behaviour of Sugar Palm Strach Based Biopolymer	American Journal of Applied Sciences	11	10	-	1836 - 1840	1546-9239	-	Journal	Scopus	-	-
36	Anokye Rogerson, Regina Maria Kalong, Edi Suhaimi Bakar , Jegathewaran Ratnasingam, Mohammad Jawaid, Khairul Awang	A02719	Variations in moisture content and its effect on the shrinkage of Gigantochloascortechinii and Bambusa vulgaris at different height of bamboo culm	BioResources	9	4	-	7484 - 7493	1930-2126	-	Journal	ISI	1.549	Q1
37	Ismail Puteri Nur Khairunnisha, Edi Suhaimi Bakar , Ahmad Nurul Azwa and Adrian Cheng Yong Choo	A02719	Effect of Combination Oven and Microwave Heating in the Resin Semi-Curing Process on the Physical Properties of 'Compreg' OPW	BioResources	9	3	-	4899 - 4907	1930-2126	-	Journal	ISI	1.549	Q1
38	Azar Haghihi Poshtiri, Hamid Reza Taghiyari and Ali Naghi Karimi	SEM1942	Fire-Retarding Properties of Nano-Wollastonite in Solid Wood	Philippine Agricultural Scientist	97	1	-	52 - 59	0031-7454	-	Journal	ISI	0.368	Q3
39	Hamid Reza Taghiyari, Ehsan Bari, Olaf Schmidt, Mohammad Ali Tadjick Ghanbary, Ali Karimi and Paridah Md. Tahir	SEM1942	Effects of Nanowollastonite on Biological Resistance of Particleboard made from Wood Chips and Chicken Feather against <i>Antrodia vaillantii</i>	International Biodeterioration and Biodegradation	90	-	-	93 - 98	0964-8305	-	Journal	ISI	2.235	Q2
40	M. Jawaid , Othman Y. Alothman, M.T. Paridah and H.P.S. Abdul Khalil	SEM2129	Effect of Oil Palm and Jute Fiber Treatment on Mechanical Performance of Epoxy Hybrid Composites	International Journal of Polymer Analysis and Characterization	19	-	-	62 - 69	1023-666X	-	Journal	ISI	1.487	Q3
41	A. Atiqah, M.A. Maleque, M. Jawaid and M. Iqbal	SEM2129	Development of Kenaf-glass reinforced Unsaturated Polyester Hybrid Composite for Structural Applications	Composites Part B - Engineering	56	-	-	68 - 73	1359-8368	-	Journal	ISI	2.602	Q1
42	A.F. Ang, A. Zaidon, E.S. Bakar, S. Mohd Hamami, U.M.K. Anwar and M. Jawaid	SEM2129	Possibility of Improving the Properties of Mahang Wood (<i>Macaranga sp.</i>) through Phenolic <i>Compreg</i> technique	Sains Malaysiana	43	2	-	219 - 225	0126-6039	-	Journal	ISI	0.408	Q3
43	M. Jawaid , Alothman Othman, N. Saba, Y. A. El-Shekeil, M. T. Paridah, H.P.S Abdul Khalil	SEM2129	Effect of chemical modifications of fibres on tensile properties of Epoxy hybrid composites	International Journal of Polymer Analysis and Characterization	19	-	-	391 - 403	1023-666X	-	Journal	ISI	1.487	Q3

44	Muhammad Abduh Tuasikal, Othman Y. Alothman, Mohammad Luqman, S. M. Al-Zahrani, M. Jawaid	SEM2129	Influence of natural and accelerated weathering on the mechanical properties of low density polyethylene films	International Journal of Polymer Analysis and Characterization	19	-	-	189 - 203	1023-666X	-	Journal	ISI	1.487	Q3
45	M. Jawaid , Alothman Othman, N. Saba, M. T. Paridah, H.P.S Abdul Khalil	SEM2129	Effect of fibres treatment on dynamic mechanical and thermal properties of epoxy hybrid composites	Polymer composites (Online Available) DOI: 10.1002/pc.23077	-	-	-	-	-	-	Journal	ISI	1.455	Q2
46	M. Enamul Hoque, M. A. M. Aminudin, M. Jawaid , M.S. Islam, N. Saba, M.T. Paridah	SEM2129	Physical, Mechanical, and Biodegradable Properties of Meranti Wood Polymer Composites	Materials and Design	64	-	-	743 - 749	0261-3069	-	Journal	ISI	3.171	Q1
47	Abozar Akbari, M. Jawaid , Azman Hassan and Harintharavimal Balakrishnan	SEM2129	Epoxidized Natural Rubber toughened Polylactic acid/talc composites: Mechanical, Thermal and Morphological Properties	Journal of Composite Materials	48	7	-	769 - 781	0021-9983	-	Journal	ISI	1.257	Q2
48	M. Jawaid , H.P.S. Abdul Khalil, P. Firoozian, Othman Y Alothman, M.T. Paridah and E.S. Zainudin	SEM2129	Flexural Properties of Activated carbon filled epoxy nanocomposites from Agricultural biomass	The Malaysian Journal of Analytical Sciences	18	2	-	391 - 397	-	-	Journal (xde IF, cited in scopus)	Scopus	-	-
49	M. E. Ali Mohsin, Agus Arsad, H. Fouad, M. Jawaid and Othman Y. Alothman	SEM2129	Enhanced mechanical and thermal properties of CNT/HDPE nanocomposite using MMT as secondary filler	AIP Conference Proceedings	1599	-	-	206 - 209	-	-	Journal (xde IF, cited in scopus)	Scopus	-	-
50	Mohammad Asim, Sangeeta Gupta, Mohammad Jawaid , Mohammed Nasir and Khalid Rehman Hakeem	SEM2129	Intraspecific Variation of The Wood Anatomical Features in Lagerstroemia Speciosa (L.) Pers.	The Malaysian Forester	77	2	-	137 - 144	-	-	Journal (xde IF, cited in scopus)	Scopus	-	-
51	Juliana, A.H. , Paridah, M.T., Choo, A.C.Y., and Zaidon, A.	PD0278	Effect of Kenaf Parts on the Performance of Single-Layer and Three-Layer Particleboard Made from Kenaf and Rubberwood	BioResources	9	1	-	1401 - 1416	1930-2126	-	Journal	ISI	1.549	Q1
52	A.H. Juliana , M.T. Paridah, S. Rahim. I. Nor Azowa and U.M.K. Anwar	PD0278	Affect of Adhesion and properties of Kenaf (Hibiscus cannabinus L.) Stem in Particleboard Performance	Journal of Adhesion Science and Technology	28	6	-	546 - 560	-	-	Journal	ISI	1.153	Q3
53	A.A. Shamsuri , R. Daik. E.S. Zainudin and P.M. Tahir	A03426	Compatibilization of HDPE/Agar Biocomposites with Eutectic-based Ionic Liquid Containing Surfactant	Journal of Reinforced Plastics & Composites	33	5	-	440 - 453	-	-	Journal	ISI	1.188	Q2

54	Ahmad Adlie Shamsuri , Muhammad Kamarul Azroy Azid, Azmah Hanim Mohamed Ariff and Ahmad Khuzzairi Sudari	A03426	Influence of Surface treatment on tensile Properties of Low-Density Polyethylene/Cellulose Woven Biocomposites: A Preliminary Study	Polymers	6	-	-	2345 -2356	-	-	Journal	ISI	2.505	Q2
55	Purba, T.P., Zaidon, A. , Bakar, E.S., Paridah, M.T.	A01444	Effect of Processing Factors and Polymer Retention on the Performance of Phenolic-Treated Wood	Journal of Tropical Forest Science	26	3	-	320 - 330	0128-1283	-	Journal	ISI	0.667	Q3
56	A.F. Ang, A. Zaidon , E.S. Bakar, S. Mohd Hamami, U.M.K. Anwar & M. Jawaid	A01444	Possibility of Improving the Properties of Mahang Wood (Macarangsap.) through Phenolic Compreg Technique	Sains Malaysiana	43	2	-	219 - 225	0126-6039	-	Journal	ISI	0.480	Q3
57	Zaidon, A. , Kim, G.H., Bakar, E.S., Rasmina, H. 2014.	A01444	Response Surface Methodology Model of Processing Parameters for High Performance Phenolic 'Compreg' Wood	Sains Malaysiana	43	5	-	775 - 782	0126-6039	-	Journal	ISI	0.480	Q3
58	Aizat, A.G.; Zaidon, A.; Nabil, F.L.; Bakar, E.S.; Rasmina, H.	A01444	Effects of Diffusion Process and Compression on Polymer Loading of Laminated Compreg Oil Palm (Elaeis guineensis) Wood and Its Relation to Properties	Journal of Biobased Materials and Bioenergy	8	5	-	519 - 525	ISSN: 1556- 6560 (Print); EISSN: 1556- 6579 (Online)	-	Journal	ISI	0.586	Q4
59	E. S. Zainudin , Lim H. Yan, W. H. Haniffah, M. Jawaid, Othman Y. Alothman	A02569	Effect of coir fibre loading on mechanical and morphological properties of oil palm fibres reinforced polypropylene composites	Polymer Composites	35	7	-	1418 - 1425	0272-8397	-	Journal	ISI	1.455	Q2
60	F.H.A. Malek, E.S. Zainudin , Paridah Md. Tahir, and M. Jawaid	A02569	The Effect of Additives on Bending Strenght of Pultruded Hybrid Reinforced Resol Type Phenolic Composite	Applied Mechanics and Materials	564	-	-	418 - 421	1660-9336	-	Journal	Scopus	-	-
61	Ibrahim Mohammed Inuwa, Azman Hassan , Sani Amril Samsudin, Mohamad Haafiz Mohamad Kassim and Mohamad Jawaid	-	Mechanical and Thermal properties of Exfoliated Graphite nanoplatelets Reinforced Polyethylene terephthalate/polypropylene Composites	Polymer Composites	DOI 10.1002/p c.22863	-	-	-	0272-8397	-	Journal	ISI	1.455	Q2
62	Reza hashemi Farzad, A. Hassan , M.A.M. Piah and M. Jawaid	-	Electrical and Flammability Properties of Alumina Trihydrate Filled Polypropylene/Ethylene Propylene Diene Monomer Composites as Insulators in Cable Applications	Polymer Engineering and Science	DOI 10.1002/p en.23473	-	-	-	0272-8397	-	Journal	ISI	1.441	Q2

63	I.M. Inuwa, Azman Hassan , S.A. Samsudin, M.K. Mohamad Haafiz, M. Jawaid, K.Majeed and N.C. Abdul Razak	-	Charcterization and Mechanical Properties of Exfoliated graphite Nanoplatelets reinforced Polyethylene Terephthalate.Polypropylene Composites	Journal of Applied Polymer Science	Doi 10.1002/a pp.40582	-	-	-	0021-8995	-	Journal	ISI	1.640	Q2
64	I. M. Inuwa, Azman Hassan , De-Yi Wan, S. A. Samsudin, M. K. Mohamad Haafiz, S.L. Wong, M. Jawaid	-	Influence of Exfoliated Graphite Nanoplatelets on the Flammability and Thermal Properties of Polyethylene Terephthalate/Polypropylene Nanocomposites	Polymer Degradation and Stability	110	-	-	137 - 148	0141-3910	-	Journal	ISI	2.633	Q1
65	Khaliq Majeed, Azman Hassan , Aznizam Abu Bakar, M. Jawaid	-	Effect of MMT content on the mechanical, oxygen barrier and thermal properties of rice husk/MMT filled low density polyethylene blown films	Journal of Thermoplastic Composites (Online Available)	DOI 10.1177/0892705714554492	-	-	1 - 17	-	-	Journal	ISI	1.134	Q2
66	Md. Saiful Islam, SininHamdan, Mahbub Hasan, Azman Hassan , M. K. Mohamad Haafiz and M. Jawaid	-	Effect of PVA-co-MMA Copolymer on the Physical, Mechanical and thermal Properties of tropical Wood Materials	Advances in Material Science and Engineering (Online Available)	-	-	-	1 - 8	-	-	Journal	ISI	0.897	Q3
67	H.P.S. Abdul Khalil , Y. Davoudpour, Md. Nazrul Islam, Asniza Mustapha, K. Sudesh, rudi Dungani and M. Jawaid	-	Production and Modification of Nanofibrillated Cellulose using Various Mechanical Processes: A Review	Carbohydrate Polymers	99	-	-	649 - 665	0144-8617	-	Journal	ISI	3.916	Q1
68	Nur Fatimah Abu Bakar, Ching Yern Chee, Luqman Chuah Abdullah , Chantara Theyv Ratnam, Nor Azowa	A02157	Effect of Methyl Methacrylate Grafted Kenaf on Mechanical Properties of Polyvinyl Chloride/Ethylene Vinyl Acetate Composites.	Composites Part A- Applied Science And Manufacturing	63	2014	-	45-50	-	-	Journal	ISI	3.012	Q1
69	Solomon O. Giwa, Luqman A. Chuah and Nor M. Adam	A02157	Fuel properties and rheological behavior of biodiesel from egusi (Colocynthis citrullus L.) seed kernel oil.	Fuel Processing Technology	122	-	-	42-48	-	-	Journal	ISI	3.019	Q2
70	C.K. How, Moonis Ali Khan, Soraya Hosseini, T.G. Chuah , Thomas S.Y. Choong	A02157	Fabrication of mesoporous carbons coated monolith via evaporative induced self-assembly approach: Effect of solvent and acid concentration on pore architecture.	Journal of Industrial and Engineering Chemistry	20	6	-	4286-4292	-	-	Journal	ISI	2.063	Q2

71	Mohamed, M.S., Tan, J.S.b, Kadkhodaei, S., Mohamad, R. , Mokhtar, M.N., Ariff, A.B.	A02230	Kinetics and modeling of microalga Tetraselmis sp. FTC 209 growth with respect to its adaptation toward different trophic conditions	Biochemical Engineering Journal	88		-	30-41	-	-	Journal	ISI	2.368	Q1
72	Koay, Y.S. , Ahamad, I.S., Nourouzi, M.M. , Abdullah, L.C., Choong, T.S.Y.	A03939	Development of novel low-cost quaternized adsorbent from palm oil agriculture waste for reactive dye removal	BioResources	9	1	-	66-85	19302126	-	Journal	ISI	1.549	Q1
73	Omar, F.N., Mohammed, M.A.P. , Baharuddin, A.S.		Microstructure modelling of silica bodies from oil palm empty fruit bunch (OPEFB) fibres	BioResources	9	1	-	938-951	19302126	-	Journal	ISI	1.309	Q1
74	Remli, N.A.M., Md Shah, U.K. , Mohamad, R., Abd-Aziz, S.	A03474	Effects of chemical and thermal pretreatments on the enzymatic saccharification of rice straw for sugars production	BioResources	9	1	-	510-522	19302126	-	Journal	ISI	1.309	Q1
75	Namvar F , Rahman HS, Mohamad R, Baharara J, Mahdavi M, Amini E, Chartr and MS, Yeap SK	PD0216	Cytotoxic effect of magnetic iron oxide nanoparticles synthesized via seaweed aqueous extract.	International Journal of Nanomedicine	9	1	-	2479—2488	-	-	Journal	ISI	4.195	Q2
76	Azizi S, Ahmad MB, Hussein MZ, Ibrahim NA, Namvar F.	PD0216	Preparation and properties of poly(vinyl alcohol)/chitosan blend bionanocomposites reinforced with cellulose nanocrystals/ZnO-Ag multifunctional nanosized filler	International Journal of Nanomedicine	9		-	1909-1917	-	-	Journal	ISI	4.195	Q2
77	Namvar, F. , Jawaid, N., Tahir, P., Rosfarizan, M., Azizi, S., Khodavandi, AR., Rahman, H.	PD0216	Potential Use of Plant Fibres and their Composites for Biomedical Applications.	BioResources	9	3	-	-	-	-	Journal	ISI	1.309	Q1

78	Nayeri, MD, Tahir, PM., Jawaid, M., Ashaari, Z.,Abdullah, LC., Bakar,E., Namvar, F.	PD0216	Medium Density Fibreboard Made from Kenaf (<i>Hibiscus cannabinus</i> L.) Stem: Effect of Thermo-mechanical Refining and Resin Content.	BioResources	9	2	-	2372-2381	-	-	Journal	ISI	1.309	Q1
79	Azizi, S., Mansor.B.A., Nor, Al., Zobir, M., Namvar, F.	PD0216	Cellulose Nanocrystals/ZnO as a Bifunctional Reinforcing Nanocompositefor Poly (vinyl alcohol)/Chitosan Blend Films: Fabrication, Characterization and Properties.	International Journal of Molecular Sciences	15	-	-	11040-11053	1422-0067	-	Journal	ISI	2.721	Q2
80	Azizi, S. , Ahmad, M., Namvar, F.bd, Mohamad, R.	PD0216	Green biosynthesis and characterization of zinc oxide nanoparticles using brown marine macroalga <i>Sargassum muticum</i> aqueous extract	Materials Letters	116	2014	-	275-277	0167577X	-	Journal	ISI	2.269	Q1
81	Min Min Aung, Zahira Yaakob, Siti Kamarudin, Luqman Chuah Abdullah	A03940	Synthesis and characterization of Jatropha (<i>Jatropha curcas</i> L.) oil-based polyurethane wood adhesive	Industrial Crops and Products	60	2014	-	177-185	-	-	Journal	ISI	3.208	Q2
82	Susan Azizi,Mansor B. Ahmad, Farideh Namvar,Rosfarizan Mohamad b,	PD0216	Green biosynthesis and characterization of zinc oxide nanoparticles using brown marine macroalga <i>Sargassum muticum</i> aqueous extract	Materials Letters	116	2014	-	275-277	-	-	Journal	ISI	2.269	Q1
83	Harmaen Ahmad Saffian, Paridah Md.Tahir, Jalaluddin Harun, Mohammad Jawaid amd Khapid Rehman Hakeem	A02894	Influence of Planting Density on the Fiber Morphology and Chemical Composition of a New Latex-timber Clone Tree of Rubberwood (<i>Hevea</i> <i>brasiliensis</i> Muell.Arg.)	A02894	9	2	-	2593-2608	-	-	Journal	ISI	1.309	Q1

84	Mohd Rahimi Zakaria Mamat, Hidayah Ariffin , Mohd Ali Hassan, Mior Ahmad Khushairi Mohd Zahari	A03663	Bio-based production of ctotonic acid by pyrolysis of poly(3-hydroxybutyrate) inclusions	Journal of Cleaner Production	83	2014	-	463-472	-	-	Journal	ISI	3.59	Q1
85	Baharara, J., Namvar, F. , Ramezani, T., Hosseini, N., Mohamad, R.	PD0216	Green Synthesis of Silver Nanoparticles using Achillea biebersteinii Flower Extract and Its Anti-Angiogenic Properties in the Rat Aortic Ring Model.	Molecules	19	4	-	4624-4634	-	-	Journal	ISI	2.095	Q3
86	Namvar, F. , Baharara, J., Mahdi, A.A.	PD0216	Antioxidant and anticancer activities of selected persian gulf algae	Indian Journal of Clinical Biochemistry	29	1	-	13-20	09701915	-	Journal	SCOPUS		
87	Wong, L.J., H'ng, P.S. , Wong, S.Y., Lee, S.H., Lum, W.C., Chai, E.W., Wong, W.Z., Chm, K.L.	A02791	Termite digestomes as a potential source of symbiotic microbiota for lignocelluloses degradation: A review	Pakistan Journal of Biological Sciences	17	8	-	956-963	18125735	-	Journal	SCOPUS		
88	Javad Baharara , Farideh Namvar , Marzieh Mousavi, Tayebe Ramezani and Rosfarizan Mohamad	PD0216	Anti-Angiogenesis Effect of Biogenic Silver Nanoparticles Synthesized Using Saliva officinalis on Chick Chorioalantoic Membrane (CAM)	Molecules	2014	19	13498-13508	-	-	-	Journal	ISI	2.095	Q3
89	Heshu Sulaiman Rahman, Abdullah Rasedee, Max Stanley Chartrand, Hemn Hassan Othman, Swee Keong Yeap and Farideh Namvar	PD0216	Zerumbone Induces G2/M Cell Cycle Arrest and Apoptosis via Mitochondrial Pathway in Jurkat cell Line	Natural Product Communications	9	9	1237-1242	-	-	-	Journal	ISI	0.924	Q4
90	A. Zaidon, G.H. Kim, E.S. Bakar & H. Rasmia	A02522	Response Surface Methodology Models of Processing Parameters for High Performance Phenolic Compreg Wood	Sains Malaysiana	43	5		775-782	-	-	Journal	ISI	0.408	Q3

91	Lee, S.H, H'ng, PS , Lum,WC, A Zaidon, Bakar ES, Nurliyana, M.Y, Chai, EW and Chin, KL	A02791	Mechanical and Physical Properties of Oil Palm Trunk Core Particleboard Bonded with with Different UF Resins	Journal of Oil Palm Research	26	2	163-169	-	-	-	Journal	ISI	0.177	Q4
92	Chiou Moi Yeoh, Eng Tong Phuah, Teck Kim Tang, Wai Lin Siew, Luqman Chuah Abdullah and Thomas Shean Yaw Choong	A03940	Molecular distillation and characterization of diacylglycerol-enriched palm olein	European Journal of Lipid Science and Technology	-	-	-	-	-	-	Journal	SCOPUS		
93	Y.S.Koay, I.S.Ahamad, M.Mohsen Nourouzi and T.Q.Chuah	A03940	Ion-exchange Adsorption of Reactive Dye Solution onto Quaternized Palm Kernel Shell	Journal of Applied Sciences	14	12	1314-1318	-	-	-	Journal	ERA		
94	Rahman, HR., Rasedee, A.,Yeap, S., Othman, H., Max , H., and Namvar, F.	PD0216	Biomedical Properties of a Natural Dietary Plant Metabolite, Zerumbone, in Cancer Therapy and Chemoprevention Trials	BioMed Research International	dx.doi.org/10.1155/2014/920742	-	-	-	-	-	Journal	ISI	2.706	
95	Azizi, S., Namvar, F. , Mohamad,R., Shameli.	PD0216	Green synthesis and characterization of Gold nanoparticles using marine macroalgae Sargassum muticum	Research on Chemical Intermediates	DOI 10.1007/s11164-014-1696-4	-	-	-	-	-	Journal	ISI	1.54	Q2
96	Heshu Sulaiman Rahman,Abdullah Rasedee, Hemn Hassan Othman, Max Stanley Chartrand, Farideh Namvar ,Swee Keong Yeap,Nozlana Abdul Samad,Reena Joys Andas, Nabilah Muhammad Nadzri,Theebaa Anasamy,Kuan Beng Ng and Chee Wun How	PD0216	Acute Toxicity Study of Zerumbone-Loaded Nanostructured Lipid Carrier on BALB/c Mice Model	BioMed Research International	http://dx.doi.org/10.1155/2014/563930	-	-	-	-	-	Journal	ISI	2.706	-

97	Abdul Khalil K, Mustafa S, Mohammad R , Bin Ariff A, Shaari Y, Abdul Manap Y, Ahmad SA, Dahalan FA	A02230	Optimization of Milk-Based Medium for Efficient Cultivation of <i>Bifidobacterium pseudocatenulatum</i> G4 Using Face-Centered Central Composite-Response Surface Methodology	BioMed Research International	doi: 10.1155/2014/787989	-	-	-	-	-	Journal	ISI	2.706	-
98	Moradi M., Shirvany A., Matinizadeh M., Etemad V., Naji H., Abdul-Hamid H., & Sayyah S.	PD0284	Arbuscular mycorrhizal fungi symbiosis with <i>Sorbus torminalis</i> in variation with soil nutrients and enzymes	Iforest - Biogeosciences and Forestry	Published Online	doi: 10.3832/ifer1236-008	N/A	early view: e1-e6	1971-7458	-	Journal	ISI	1.15	Q2
99	Sheriza Mohd Razali , Amaldo Altor Marin Atuchar, Ahmad Ainuddin Nuruddin , Helmi Zulhaidi Mohd Shafri & Hazandy Abdul Hamid	A00868	Capability of Integrated MODIS Imagery and ALOS for Oil Palm, Rubber and Forest Areas Mapping in Tropical Forest Regions	Sensors	14	5	N/A	8259-8282	1424-8220	-	Journal	ISI	2.048	Q1
100	Hasbullah Nur Aainaa, Osumanu Haruna Ahmed, Susilawati Kasim & Nik Muhamad Ab. Majid	SEM1273	Use of Clinoptilolite Zeolite to Reduce Christmas Island Rock Phosphate use in <i>Zea mays</i> Cultivation on an Acid Soil	International Journal of Soil Science	9	2	N/A	55-66	1816-4978	-	Journal	Scopus	-	-
101	Hasbullah Nur Aainaa, Osumanu Haruna Ahmed, Susilawati Kasim & Nik Muhamad Ab. Majid	SEM1273	Use of Clinoptilolite Zeolite on Selected Soil Chemical Properties, Dry Matter Production, Nutrients Uptake and Use Efficiency of <i>Zea mays</i> Cultivated on an Acid Soil	International Journal of Agricultural Research	9	3	N/A	136-148	1816-4897	-	Journal	Scopus	-	-
102	Mohd Hadi Akber Basri, Arifin Abdu , Nasima Junejo, Hazandy Abdul Hamid & Khalil Ahmed	A03478	Journey of Kenaf in Malaysia: A Review	Scientific Research and Essays	9	11	10.4236/2014.2745	458-470	1992-2248	-	Journal	ERA	-	-
103	Binu M. Tripathi, Larisa Lee-Cruz, Mincheol Kim, Dharmesh Singh, Rusea Go, Noraini A.A. Shukor , M.H.A. Husni, Jongsik Chun & Jonathan M. Adam	A01156	Spatial Scaling Effects on Soil Bacterial Communities in Malaysian Tropical Forests	Microb Ecol	68	2	N/A	247-258	0095-3628	-	Journal	ISI	3.27	Q1

104	Md. Aktar Hossain, Jebin Ferdous, M. Abdur Rahman, Md. Abul Kalam Azad & Nor Aini Ab. Shukor	A01156	Towards the Propagation of a Critically Endangered Tree Species <i>Anisoptera scaphula</i>	Dendrobiology	71	N/A	N/A	137-148	1641-1307	-	Journal	ISI	0.447	Q3
105	Md. Aktar Hossain, Mohammad Salah Uddin, Wahhida Shumi & Nor Aini Ab Shukor	A01156	Depulping of Furits and Soaking the Seeds Enhances the Seed Germination and Initial Growth Performance of <i>Terminalia belerica</i> Roxb. Seedlings	American Journal of Plant Sciences	5	N/A	N/A	714-725	2158-2742	-	Journal	Scopus	-	-
106	Nozad Ali Qader, Nor Aini Ab Shukor & Adlin Sabrina Muhd. Roseley	A01156	Selection of Plus Tree Based on Growth Performance and Fiber Morphology Characteristics as Improved Sources for Propagation of <i>Eucalyptus camaldulensis</i>	American Journal of Plant Sciences	5	N/A	N/A	1329-1335	2158-2742	-	Journal	Scopus	-	-
107	Hamid Reza Naji , Edi Suhaimi Bakar, Mojtaba Soltani, Seyed Eshagh Ebadi, Hazandy Abdul Hamid , Samaneh Karbalaeei Seyed Javad & Mohd. Hamami Sahri	PD0284	Effect of Initial Planting Density and Tree Features on Growth, Wood Density, and Anatomical Properties from a Hevea brasiliensis Trial Plantation	Forest Products Journal	64	2	N/A	41-47	0015-7473	-	Journal	ISI	0.494	Q3
108	H.R.Naji , M.H. Sahri, E.S. Bakar, M. Soltani & H.A.-Hamid	PD0284	Variation in Wood Density and Shrinkage in Two Latex Timber Clones of Rubber Trees in Different Planting Densities	Academy Science Malaysia Journal	8	1	N/A	36-43	1823-6782	-	Journal	Scopus	-	-
109	HR Naji , ES Bakar, MH Sahri, M Soltani, H Abdul Hamid & SE Ebadi	PD0284	Variation in Mechanical Properties of Two Rubberwood Clones in Relation to Planting Density	Journal of Tropical Forest Science (JTFS) - FRIM	26	4	N/A	503-512	0128-1283	-	Journal	ISI	0.667	Q3
110	Miah, S., Habiba, U., Sirajul Haque, S.M., Shumi, W., Abdu, A., Shukor, N.A.A. , Hossain, M.A.	A03478	Effects of deforestation on physicochemical properties and microbial population of soils in a South-East Asian tropical forest	Journal of Food, Agriculture and Environment	12	2	N/A	986-991	1459-0255	-	Journal	Scopus	-	-

111	Nurul-Nasyitah Shukor, Hazandy Abdul-Hamid, Arifin Abdu & Mohd-Kamil Ismail	A03090	Waterlogging Effects on Growth and Physiological Characteristics of <i>Azadirachta excelsa</i> Seedlings	American Journal of Plant Physiology	9	3	N/A	78 - 94	1557 - 4539	-	Journal	Scopus	-	-
112	Umme Shahina Khanom, Sabrina Sharmeen, Jannatul Ferdouse, Wahhida Shumi, Arifin Abdu, Hazandy Abdul Hamid & Md. Aktar Hossain	A03478	Determination of Pond Water Quality for Aquaculture and Ecosystem Management	Journal of Food, Agriculture and Environment	12	3&4	N/A	389-394	1459-0255	-	Journal	Scopus	-	-
113	M. Rafiqul Haider, Md. Sah Alam, Md. Aktar Hossain & Nor Aini Ab. Shukor	A01156	Impact of Pre-Sowing Treatment on Seed Germination and Seedlings Growth Attributes of <i>Calamus longisetus</i> Griff. At Nursery and Field Conditions in Bangladesh	Journal of Food, Agriculture and Environment	12	3&4	N/A	395-399	1459-0255	-	Journal	Scopus	-	-
114	Abbas Nasehi, Jugah-Bin Kadir, Mehdi Nasr-Esfahani, Farnaz Abed-Ashtiani, Mui-Yun Wong, Siti Khadijah Rambe & Elham Golkhandan		Analysis of Genetic and Virulence Variability of <i>Stemphylium lycopersici</i> Associated with Leaf Spot of Vegetable Crops	European Journal of Plant Pathology	140	2	N/A	261-273	0929-1873	-	Journal	ISI	1.707	Q1
115	Abbas Nasehi, Jugah Bin Kadir, Farnaz Abed Ashtiani, Mehdi Nasr-Esfahani, Mui Yun Wong, Siti Khadijah Rambe , Hajar Ghadirian, Farshid Mahmodi & Elham Golkhandan		<i>Alternia capsicicola</i> sp. Nov., a New Species Causing Leaf Spot of Pepper (<i>Capsicum annuum</i>) in Malaysia	Mycol Progrss	2014	13	N/A	1041 - 1048	1617-416X	-	Journal	ISI	1.543	Q3
116	Imas Sukaesih Sitanggang, Razali Yaakob, Norwati Mustapha & Ainuddin A.N.	A00868	A Decision Tree Based on Spatial Relationship for Predicting in Peatlands	Telkomnika	12	2	N/A	511-518	1693-6930	-	Journal	Scopus	-	-

117	Hosea Kato Mande, Ahmad Makmom Abdullah, Ahmad Zaharin Aris & Ahmad Ainuddin Nuruddin	A00868	A Comparison of Soil CO2 Efflux Rate in Young Rubber Plantation, Oil Palm Plantation, Recovering and Primary Forest Ecosystems of Malaysia	Polish Journal Environmental Studies	23	5	N/A	1649-1657	1230-1485	-	Journal	ISI	0.6	Q4
118	Hosea Kato Mande, Ahmad Makmom Abdullah, Ahmad Zaharin Aris & Ahmad Ainuddin Nuruddin	A00868	Factors Responsible for Spatial and Temporal Variation of Soil CO2 Efflux in a 50 year recovering tropical forest, Peninsular Malaysia	Environmental Earth Science	Published Online	doi: 10.1007/s12665-014-3810-8	N/A	N/A	1866-6280	-	Journal	JCR	1.572	Q2
119	K.H. Mande, A.M. Abdullah, A.A. Zaharin & A.N. Ainuddin	A00868	Drivers of Soil Carbon Dioxide Efflux in a 70 years Mixed Tree Species of Tropical Lowland Forest, Peninsular Malaysia	Sains Malaysiana	43	12	N/A	1843-1853	0126-6039	-	Journal	JCR	0.48	Q3
120	Mande, Kato Hosea, Abdullah Ahmad Makmom, Aris, Ahmad Zaharin, Ainuddin, Ahmad	A00868	Forest Logging and It Impact on Soil Carbon Dioxide Efflux in the Tropical Forest, Peninsular Malaysia	IOSR Journal of Environmental Science, Toxicology	8	12	N/A	69 - 77	2319-2399	-	Journal	NASA, Cross Ref, ARXIV.ORG	-	-
121	Akeng, G., Muniandi, S.K., Shukor, N.A.A.	A01156	In Vitro Regeneration of Acacia crassicarpa A. Cunn Ex benth Through Organogenesis from Juvenile Sources	Journal of Food, Agriculture and Environment	12	3-4	N/A	375-382	1459-0255	-	Journal	Scopus	-	-
122	H.Y. Ch'ng, O.H. Ahmed, S. Kassim & N.M.A. Majid	SEM1273	Recycling of Sago (Metroxylon sago) Bagasse with Chicken Manure Slurry Through Co-Composting	Journal of Agriculture Science Technology	16	6	N/A	1441-1454	1680-7073	-	Journal	JCR	0.679	Q2
123	Huck Ywih Ch'ng, Osumanu Haruna Ahmed & Nik Muhamad Ab. Majid	SEM1273	Improving Phosphorus Availability in an Acid Soil Using Organic Amendments Produced from Agroindustrial Waste	The Scientific World Journal	2014	N/A	N/A	6 pages	2356-6140	-	Journal	Scopus	-	-
124	Mande, Kato Hosea., Abdullah, Ahmad Makmom., Nuruddin, Ahmad Ainuddin., Bose,	A00868	Forest Recovering and Soil Respiration Rate	IOSR Journal of Environmental Science, Toxicology	8	12	N/A	44 - 49	2319-2399	-	Journal	NASA, Cross Ref, ARXIV.ORG	-	-

125	Huck Ywih Ch'ng, Osumanu Haruna Ahmed & Nik Muhamad Ab. Majid	SEM1273	Biochar and Compost Influence the Phosphorus Availability, Nutrients Uptake, and Growth of Maize (<i>Zea mays</i> L.) in Tropical Acid Soil	Pak. J. Agri. Sci.	51	4	N/A	797 - 806	0552-9034	-	Journal	Scopus	-	-
126	Perumal Palanivell, Osumanu Haruna Ahmed, Kasim Susilawati & Nik Muhamad Ab. Majid	SEM1273	Mitigating Ammonia Volatilization from Urea in Waterlogged Condition Using Clinoptilolite Zeolite	International Journal of Agriculture & Biology	17	N/A	N/A	149-155	1560-8530	-	Journal	Scopus	-	-
127	Syamsul Herman, M.A. , Nur A'in C.M., Ahamd, S. & Ramachandran S.	A02706	Willingness to Pay for Highland's Agro-Tourism Recreational Facility: A Case of Boh Tea Plantation, Cameron Highlands, Malaysia	IOP Conference Series: Earth and Environmental Science	19	1	N/A	7	1755-1307	-	Conference Paper	Scopus	-	-
128	Sudesh Prabhakaran, Vikneswaran Nair & Sridar Ramachandran	A02829	Community Participation in Rural Tourism: Towards a Conceptual Framework	Procedia Social and Behavioral Science	144	2014	N/A	290-295	1877-0428	-	Conference Paper	Scopus	-	-
129	Norol Hamiza Zamzuri, Khairil Wahidin Awang, Yuhanis Abdul Aziz & Zaiton Samdin	A03238	Event Sustainability Practices Among Professional Company Organizers: An Explatory Study	Jurnal Teknologi	64	2	N/A	165-168	0127-9696	-	Journal	Scopus	-	-
130	Siow May Ling, Sridar Ramachandran, Ahmad Shuib & Syamsul Herman Mohammad Afandi	A02829	Malaysia's National Ecotourism Plan From a Semiotic Perspective	The Malaysian Forester	77	2	N/A	73 - 86	-	-	Journal	Scopus	-	-