

SECTION C: QUANTITY AND QUALITY OF RESEARCH

Section C1 : Publications

a. Total Number of Publications in SCOPUS/WOS/ERA

(i) Journals

(iii) Joint Publications :

b. Publication Impact

Section C1 (b)(ii) Number of articles published in Q1 and Q2 journals

NO.	ARTICLE ID/NO.	STAFF ID	STAFF NAME	DOCUMENT TYPE	STAFF ID CO-AUTHOR	AUTHORS	DOCUMENT TITLE	SOURCE TITLE	VOLUME	ISSUE	PAGE START	PAGE END	YEAR	ISSN OR ISBN	Q1 OR Q2 ONLY (Blank if no data)	LINK
1		PD0387	Dr. Ferial Ghaemi	Article		Abbasi S., Sarafraz-Yazdi A., Amiri A., Ghaemi F.	Development of novel magnetic solid-phase extraction sorbent based on Fe ₃ O ₄ /carbon nanosphere/polypyrrole composite and their application to the enrichment of polycyclic aromatic hydrocarbons from water samples prior to GC-FID analysis	Journal of the Iranian Chemical Society	15	1	153	161	2018	1735207X	Q3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-
2		A02157	Prof. Dr. Luqman Chuah Abdullah	Article		Khalid M., Ratnam C.T., Abdullah L.C. , Walvekar R., Ching Y.C., Ketabchi M.R.	Mechanical and physical performance of cowdung-based polypropylene biocomposites	Polymer Composites	39	1	288	296	2018	2728397	Q2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-
3		SEM 2351	Dr. Lee Seng Hua	Article	A02522	Lee S.H. , Ashaari Z., Lum W.C., Ang A.F., Abdul Halip J., Halis R.	Chemical, physico-mechanical properties and biological durability of rubberwood particleboards after post heat-treatment in palm oil	Holzforschung	72	2	159	167	2018	0018-3830	Q1	https://www.scopus.com/record/display.uri?eid=2-s2.0-
4		SEM 2351	Dr. Lee Seng Hua	Article		Lee Seng Hua , Zaidon Ashaari, Ang Aik Feng, Juliana Abdul Halip, Lum Wei Chen, Rasdianah Dahali, Rasmina Halis	Effects of two-step post heat-treatment in palm oil on the properties of oil trunk particleboard	Industrial Crops and Products					2018	0926-6690	Q1	https://www.sciencedirect.com/science/article/pii/S0926669018303666
5		SEM 2351	Dr. Lee Seng Hua	Article		Rasdianah Dahali, Zaidon Ashaari, Seng Hua Lee , Edi Suhaimi Bakar, Sabiha Salim	Physico-mechanical properties of light red meranti (shorea spp.) and kedondong (Canarium spp.) wood heat treated in convection oven	J Indian Acad Wood Sci	8	15	1	4	2018	0972-172X (Print) 0976-8432 (Online)	-	https://link.springer.com/content/pdf/10.1007%2Fs12196-018-0007-1
6		A02157	Prof. Dr. Luqman Chuah Abdullah	Article	A02073	Idan I.J., Abdullah L.C. , Choong T.S.Y., Jamil S.N.A.B.M.	Equilibrium, kinetics and thermodynamic adsorption studies of acid dyes on adsorbent developed from kenaf core fiber	Adsorption Science and Technology	36	43132	694	712	2018	2636174	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-
7	e0192375	A02073	Prof. Dr. Thomas Choong	Article	A02157	Choong T.S.Y. , Yeoh C.M., Phuah E.-T., Siew W.-L., Lee Y.-Y., Tang T.-K., Abdullah L.C.	Kinetic study of lipase-catalyzed glycerolysis of palm olein using Lipozyme TLIM in solvent-free system	PLoS ONE	13	2			2018	19326203	Q1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-
8		A02791	Assoc. Prof. Dr. H'ng Paik San	Article	PD0322	H'ng P.S. , Chai E.W., Chin K.L., Peng S.H., Wan-Azha W.M., Halimatun I., Go W.Z., Khoo P.S., Lee C.L., Raja-Nazrin R.A., Ashikin S.N.	Evolution of Organic Matter Within Sixty Days of Composting of Lignocellulosic Food Industry Waste in Malaysia	Compost Science and Utilization	26	1	16	26	2018	1065657X	Q4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-

9	molecules-279998	A04225	Dr. Mohamad Faizal Ibrahim	Article		Nur Fatin Athirah Ahmad Rizal 1, Mohamad Faizal Ibrahim 1,2*, Mohd Rafein Zakaria 1,2, Ezyana Kamal Bahrin 1,2, Suraini Abd-Aziz 1 and Mohd Ali Hassan	Combination of Superheated Steam with Laccase Pretreatment Together with Size Reduction to Enhance Enzymatic Hydrolysis of Oil Palm Biomass	Molecules	23	811	1	14	2018		Q2	http://www.mdpi.com/1420-3049/23/4/811	
10		PD0387	Dr. Ferial Ghaemi	Article	A02157	Ferial Ghaemi , Luqman Chuah Abdullah, Hanieh Kargarzadeh, Mahnaz M. Abdi, Nur Farhana Waheeda Mohd Azli and Maryam Abbasian	Comparative Study of the Electrochemical, Biomedical, and Thermal Properties of Natural and Synthetic Nanomaterials	Nanoscale Research Letters			1	8	2018		Q2	https://nanoscale.reslett.springer.com/track/pdf/10.1039/c8nr00027a	
11		SEM 2351	Dr. Lee Seng Hua	Article		J. J. Jessica, • T. L. Peng, • A. S. Sajap, S. H. Lee, • S. A. Syazwan	Evaluation of the virulence of entomopathogenic fungus, <i>Isaria fumosorosea</i> isolates against subterranean termites <i>Coptotermes</i> spp. (Isoptera: Rhinotermitidae)	Journal of Forestry Research			1	6	2018	1007-662X	Q3	https://link.springer.com/content/pdf/10.1007/s11676-018-0388-9	
12		A03663	Assoc. Prof. Dr. Hidayah Ariffin	Article	PD0387	Norrahim M.N.F., Ariffin H. , Yasim-Anuar T.A.T., Ghaemi F., Hassan M.A., Ibrahim N.A., Ngee J.L.H., Yunus W.M.Z.W.	Superheated steam pretreatment of cellulose affects its electrospinnability for microfibrillated cellulose production	Cellulose	25	7			2018	9690239	Q1	https://www.scopus.com/inward/record.uri?eid=2-2-0	
13	1310	A03908	Dr. Mohd Rafein Zakaria	Article	A03663	Ahmad N., Zakaria M.R. , Yusoff M.Z.M., Fujimoto S., Inoue H., Ariffin H., Hassan M.A., Shirai Y.	Subcritical water-carbon dioxide pretreatment of oil palm mesocarp fiber for xylooligosaccharide and glucose production	Molecules	23	6			2018	14203049	Q2	https://www.scopus.com/inward/record.uri?eid=2-2-0	
14		A03663	Assoc. Prof. Dr. Hidayah Ariffin	Article		Dhurga Devi Rajaratnam, Hidayah Ariffin* , Mohd Ali Hassan, Nik Mohd Afizan Nik Abd Rahman and Haruo Nishida	In vitro cytotoxicity of superheated steam hydrolyzed oligo((R)-3-hydroxybutyrate-co-(R)-3-hydroxyhexanoate) and characteristics of its blend with poly(L-lactic acid) for biomaterial applications	PLoS One			1	14	2018	19326203	Q1	http://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0226690	
15		PD0322	Dr. Chin Kit Ling	Article	A02791	Chin K.L., H'ng P.S., Maminski M., Go W.Z., Lee C.L., Raja-Nazrin R.A., Khoo P.S., Ashikin S.N., Halimatun I.	Additional additives to reduce ash related operation problems of solid biofuel from oil palm biomass upon combustion	Industrial Crops and Products		123		285	295		9266690	Q1	https://www.scopus.com/inward/record.uri?eid=2-2-0
16		SEM2351	Dr. Lee Seng Hua	Review	PD0322, A01188, A01444	Lee S.H., Ashaari Z., Lum W.C., Abdul Halip J., Ang A.F., Tan L.P., Chin K.L., Md Tahir P.	Thermal treatment of wood using vegetable oils: A review	Construction and Building Materials		181		408	419		9500618	Q1	https://www.scopus.com/inward/record.uri?eid=2-2-0
17		A02230	Prof. Dr. Rosfarizan Mohamad	Article	A030360	Moniri M., Moghaddam A.B., Azizi S., Rahim R.A., Saad W.Z., Navaderi M., Arulseelan P., Mohamad R.	Molecular study of wound healing after using biosynthesized BNC/Fe3O4 nanocomposites assisted with a bioinformatics approach	International Journal of Nanomedicine		13		2955	2971		11769114	Q2	https://www.scopus.com/inward/record.uri?eid=2-2-0
18	1381	A04225	Dr. Mohamad Faizal Ibrahim	Review	A03908	Ahmad Rizal N.F.A., Ibrahim M.F., Zakaria M.R., Abd-Aziz S., Yee P.L., Hassan M.A.	Pre-treatment of oil palm biomass for fermentable sugars production	Molecules		23	6				14203049	Q2	https://www.scopus.com/inward/record.uri?eid=2-2-0