

**SENARAI JURNAL BERWASIT 2014**

BIL	PENULIS	TAJUK ARTIKEL	TAJUK JURNAL	VOLUME	ISU	MUKA SURAT	IMPACT FACTOR	INDEXING	ISSN	KUARTIL
1	Abdelrahim Abubakr, Abdul Razak Alimon*, Halimatus Yaakub , Norhani Abdullah Michael Ivan	Effect of Feeding Palm Oil By-Products Based Diets on Total Bacteria, Cellulolytic Bacteria and Methanogenic Archaea in the Rumen of Goats	PLOS ONE	9	4	1-6	3.73	ISI Thomson	1932-6203	Q1
2	Abu, Nadiah; Mohd Ali, Norlailly; Yong Ho, Wan; Keong Yeap, Swee; Abdul Aziz, Muhammad Yusran;	Damnacanthal: A Promising Compound as a Medicinal Anthraquinone	Anti-Cancer Agents in Medicinal	14	5	750-755	2.939	ISI Thomson	1871-5206	Q2
3	Ahmad Muhammin Roslan, Mior Ahmad Khushairi Mohd Zahari, <b>Mohd Ali Hassan</b> , Yoshihito Shirai*	Investigation of Oil Palm Frond Properties for Biomaterials and Biofuels. Tropical Agriculture and Development.	Tropical Agriculture and Development	58	1	26-29	0.000	Scopus	1882-8450	-
4	Ahmad Nafi, <b>Foo Hooi Ling</b> , Jamilah Bakar, and Hasanah M. Ghazali*	Partial Characterization of an Enzymatic Extract from Bentong Ginger ( <i>Zingiber officinale</i> var. Bentong)	Molecules	2014	19	12336-12348	2.095	ISI Thomson	1420-3049	Q3
5	Ahmad Saffian Harmaen*, Abdan Khalina, Ibrahim Azowa, <b>Mohammad A. Hassan</b> , Asghar Tarmian and Mohammad Jawaid.*	Properties of poly(lactic acid)/fertilizer/oil palm fibers blends biocomposites	Polymer Composites	-	-	1-8	1.455	ISI Thomson	0272-8397	Q2
6	Aidah, N., Abdullah, N., Oskoueian, E., <b>Sieo, C. C.</b> and Zuhainis, W. S.	Membrane-active antibacterial compounds in methanolic extracts of <i>Jatropha curcas</i> and their mode of action against <i>Staphylococcus aureus</i> S1434 and <i>Escherichia coli</i>	International Journal of Agriculture and Biology	16	-	723-730	0.808	ISI Thomson	1560-8530	Q2
7	Alafiatayo Akinola , Syahida Ahmad and *Mahmood Maziah	Total Anti-Oxidant Capacity, Total Phenolic Compounds and the Effects of Solvent Concentration on Flavonoid Content in Curcuma longa and Curcuma xanthorrhiza Rhizomes Species Of	Medicinal & Aromatic Plants	3:2	-	-	0	-	-	-
8	Alafiatayo Akinola A., Syahida Ahmad And Mahmood Maziah*	Total Anti-Oxidant Capacity, Flavonoid, Phenolic Acid And Polyphenol Content In Ten Selected Species Of	African Journal of Traditional, Complementary and Alternative	11	(3)	7-13	0.564	Excellent Research Australia (ERA)	0189-6016	-
9	Alireza Valdiani, Daryush Talei, Arash Javanmard, Soon Guan Tan, Mihdzar Abdul Kadir, Mahmood Maziah.	Morpho-molecular analysis as a prognostic model for repulsive feedback of the medicinal plant <i>Andrographis paniculata</i> to	Gene	542	2014	156-167	2.196	ISI Thomson	0378-1119	Q3
10	Alireza, V., Daryush, T. Tan, S.G., Mihdzar, A.K., <b>Maziah, M.</b> , Rafii, M.Y. and Sreenivasa, R.S.	A Classical Genetic Solution to Enhance the Biosynthesis of Anticancer Phytochemicals in <i>Andrographis paniculata</i> Nees.	PLOS ONE	2	9	-	3.73	ISI Thomson	1932-6203	Q1
11	Aljuobori Ahmed, Idrus Zulkifli, Abdoreza Soleimani Farjam, Norhani Abdullah, Juan Boo Liang	Extrusion enhances metabolizable energy and ileal amino acids digestibility of canola meal for broiler chickens	Italian Journal of Animal Science	13:3032	-	44-47	0.789	ISI Thomson	1594-4077	Q3
12	Amir Syahir*, Kotaro Kajikawab, Hisakazu Miharac	Enhanced refractive index sensitivity for anomalous reflection of gold to improve performance of bio-	Sensors and Actuators B: Chemical	2014	-	357-362	3.535	ISI Thomson	0925-4005	Q1
13	Amir. A.K., Hawa, Z.E.J., <b>Maziah, M.</b> , Radziah, O., Amir, M.K.	Effects of salt stress on wild type and VTE4 mutant <i>Arabidopsis thaliana</i> : model plant to engineer tolerance towards salinity.	Genetika-Belgrade	3	45	777-791	0.372	ISI Thomson	0534-0012	Q4
14	Anahita Khoramnia, Afshin Ebrahimpour, Boon Kee Beh, <b>Oi Ming Lai</b> *	In Situ Bioconversion of Coconut Oil via Coconut Solid State Fermentation by <i>Geotrichum candidum</i> ATCC 34614	Food & Bioprocess Technology	7	-	784-794	4.115	ISI Thomson	1935-5130	Q1
15	Ang HY, Subramani T, Yeap SK, Omar AR, Ho WY, Abdullah MP, <b>Alliheen NB</b>	Immunomodulatory effects of <i>Potentilla indica</i> and <i>Dendrophthoe pentandra</i> on mice splenocytes and thymocytes	Experimental and Therapeutic Medicine	7		1733-1737	0.941	ISI Thomson	1792-0981	Q4

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16	Asilah Ahmad-Tajudin, Belinda Adler*, Simon Ekström, György Marko-Varga, Johan Malm, Hans Lilja, Thomas Laurell	MALDI-target integrated platform for affinity-captured protein digestion	Analytica Chimica Acta	807	-	8-Jan	4.387	ISI Thomson	0003-2670	Q1
17	Azhar Najjar, Norhani Abdullah, * Wan Zuhainis Saad, Syahida Ahmad Ehsan Oskoueian, Faridah Abas, and Youssuf Gherbawy	Detoxification of Toxic Phorbol Esters from Malaysian <i>Jatropha curcas</i> Linn. Kernel by <i>Trichoderma</i> spp. and Endophytic Fungi	International Journal of Molecular Sciences	15	-	2274-2288	2.464	ISI Thomson	1422-0067	Q2
18	Azhar Najjar, Norhani Abdullah*, Wan Zuhainis Saad, Syahida Ahmad, Ehsan Oskoueian and Youssuf Gherbawy	Removal of Phorbol Esters Present in <i>Jatropha curcas</i> Kernel by Funga Isolates!	INTERNATIONAL JOURNAL OF AGRICULTURE & BIOLOGY	16	5	871–878	0.808	ISI Thomson	1560-8530	Q2
19	Azizi P, MY Rafii, SNA Abdullah, N Nejat, M Maziah, MM Hanafi, MA Latif , Rashid and M Sahebi	Understanding the shoot apical meristem regulation: A study of the phytohormones in rice	Mechanisms of Development	doi: 10.1016/j.mod.2014.11.001	-	-	2.238	ISI Thomson	0925-4773	Q3
20	B. Hemabarathy Bharatham, Md. Zuki Abu Bakar, Enoch Kumar Perimal, Loqman Mohamed Yusof, and <b>Muhajir Hamid</b>	Development and Characterization of Novel Porous 3D Alginate-Cockle Shell Powder Nanobiocomposite Bone Scaffold	Hindawi Publishing Corporation/Evidence-Based Complementary and Alternative Medicine	2014	—	11 pages	2.175	ISI Thomson	1741-427X	Q2
21	Bayat, S., Tejo, B.A., Salleh, A.B., Abdulmalek, E., Normi, Y.M., Abdul Rahman, M.B. (2014)	Asymmetric Michael Reaction Catalyzed by Mimicked Peptides,	Catalysis Letters	144	2	222-228	2.244	ISI Thomson	1011-372X	Q2
22	Boon Aun Teh, Sy Bing Choi, Nasihah Musa, Few Ling Ling, See Too Wei Cun, Abu Bakar Salleh, Nazalan Najimudin, Habibah A Wahab and <b>Yahaya M Normi</b>	Structure to function prediction of hypothetical protein KPN_00953 (Ycbk) from <i>Klebsiella pneumoniae</i> MGH 78578 highlights possible role in cell wall metabolism	BMC Structural Biology	14	7	doi:10.1186/1472-6807-14-7	2.099	ISI Thomson	1472-6807	Q3
23	Boon Hooi Tan, <sup>1</sup> Thean Chor Leow, <sup>1,2</sup> Hooi Ling Foo, <sup>2,3</sup> and Raha Abdul Rahim <sup>1,2</sup>	Molecular Characterization of a Recombinant Manganese Superoxide Dismutase from <i>Lactococcus lactis</i> M4	BioMed Research International	-	2014	9 pages	-	ISI Thomson	2314-6133	-
24	Caroline Manicam, Li Teng Khoo, Janna Ong Abdullah, Eusni Rahayu Mohd Tohit, Zainina Seman, Chin Chin Sieo and <b>Muhajir Hamid*</b>	Subacute Toxic Effects of <i>Melastoma malabathricum</i> Linn. Aqueous Leaf Extract on Liver and Kidney Histopathology of Rats	International Journal of Pharmacology	9	6	358-365	1.202	ISI Thomson	1811-7775	Q4
25	Che Mohd Hakiman Che Maail, <b>Hidayah Ariffin*</b> , Mohd Ali Hassan, Umi Kalsom Md Shah, and Yoshihito Shira	Oil Palm Frond Juice as Future Fermentation Substrate: A Feasibility Study	BioMed Research International	Article ID 465270	2014	1-8	<b>0.000</b>	ISI Thomson	2314-6133	Q2
26	Chee Fah Wong, <b>Raja Noor Zaliha Raja Abd Rahman</b> , Mahiran Basri, Abu Bakar Salleh	Construction of vectors for tight regulation and repression of protein expression	Asian Pacific Journal of Tropical Disease	4	3	251	0.758	Google Scholar	2222-1808	-
27	Chee Fah Wong, <b>Raja Noor Zaliha Raja Abd. Rahman*</b> , Mahiran Basri, Abu Bakar Salleh	Structural Assessment of Elastase Strain K in Homogeneous Non-Aqueous System	International Journal of Biological Engineering	4	1	3 pages	-	-	1752-6426	
28	Chern Chiet Eng, Nor Azowa Ibrahim*, Norhazlin Zainuddin, <b>Hidayah Ariffin</b> and Wan Md. Zin Wan Yunus	Compositional and Morphological Changes of Chemical Modified Oil Palm Mesocarp Fiber by Alkaline Bleaching and Silane Coupling Agents	Bioresources	9	3	5290-5301	1.549	ISI Thomson	1930-2126	Q1
29	Chern Chiet Eng, Nor Azowa Ibrahim*, Norhazlin Zainuddin, <b>Hidayah Ariffin</b> , Wan Md. Zin Wan Yunus and Yoon Yee Then	Enhancement of Mechanical and Dynamic Mechanical properties of Hydrophilic Nanoclay Reinforced Poly(lactic Acid)/ Polycaprolactone/ Oil Palm Mesocarp Fiber Hybrid Composites	International Journal of Polymer Science	Article ID 715801	2014	1-8	0.765	ISI Thomson	1687-9422	Q3
30	Chern Chiet Eng, Nor Azowa Ibrahim, Norhazlin Zainuddin, <b>Hidayah Ariffin</b> and Wan Md. Zin Wan Yunus	Impact Strength and Flexural Properties Enhancement of Methacrylate Silane Treated Oil Palm Mesocarp Fiber Reinforced Biodegradable Hybrid	The Scientific World Journal	Article ID 213180	-	1-8	1.219	ISI Thomson	1537-744X	Q2

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31	Daryush Talei, Alireza Valdiani, Mohd Puad Abdullah	Impact of Protein diversifaction on morphometric behaviour of <i>Andrographis paniculata</i> Nees	Plant Systematic Evolution	2014		1003-1010	1.154	ISI Thomson	0378-2697	Q3
32	Ehsan Oskoueian, Norhani Abdullah*, Zulkifli Idrus , Mahdi Ebrahimi , Yong Meng Goh, Majid Shakeri, and Armin Oskoueian	Palm kernel cake extract exerts hepatoprotective activity in heat-induced oxidative stress in chicken hepatocytes	BMC Complementary and Alternative Medicine	14:368	-	1-10	1.877	ISI Thomson	1472-6882	Q2
33	Emad Omer Hama-Ali, and Soon Guan Tan	Using Monomorphic Microsatellite Markers in Oil Palm ( <i>Elaeisguineensis</i> Jacq.).	Journal of Botanical Sciences	3	4	6 pages	0.382	ISI Thomson	-	Q4
34	Emilia Abdulmalek, Mahashanon Arumugam, Hanis Nabilah Mizan, Mohd. Basyaruddin Abdul Rahman, Mahiran Basri, and Abu Bakar	Chemoenzymatic Epoxidation of Alkenes and Reusability Study of the Phenylacetic Acid	Scientific World Journal	2014	-	-	1.73	ISI Thomson	1537-744X	Q1
35	F.A . Dahalan, I. Yunus, W.L.W. Johari, M.Y. Shukor, M.I.E. Halmi, N.A. Shamaan and M.A. Syed.	Growth kinetics of a diesel-degrading bacterial strain from petroleum-contaminated soil.	Journal of Environmental Biology	34	-	-	0.682	ISI Thomson	0254-8704	Q4
36	Faiqah Abd-Rahim, <b>Helmi Wasoh*</b> , Mohd Rafein Zakaria, Arbakariya Ariff, Rizal Kapri, Nazaruddin Ramli, and Liew Siew-Ling	Production of high yield sugars from Kappaphycus alvarezii using combined methods of chemical and enzymatic hydrolysis	Food Hydrocolloids	42	2	309-315	4.280	ISI Thomson	0268-005X	Q1
37	Farideh Namvar*, Heshu Sulaiman Rahman, <b>Rosfarizan Mohamad</b> , Javad Baharara, Mahnaz Mahdavi, Elaheh Amini, Max Stanley Chartrand and Swee Keong Yeap	Cytotoxic effect of magnetic iron oxide nanoparticles synthesized via seaweed aqueous extract	International Journal of Nanomedicine	9	1	2479-2488	3.463	ISI Thomson	1178-2013	Q1
38	Farideh Namvar*, Mohammad Jawaid, Paridah Md Tahir, <b>Rosfarizan Mohamad</b> , Susan Azizi, Alireza Khodavandi, Heshu Sulaiman Rahman and majid Dehghan Nayeri	Potential Use of Plant Fibres and their Composites for Biomedical Applications	BioResources	9	3	1-19	1.549	ISI Thomson	1930-2126	Q1
39	Farideh Namvar, Susan Azizi*, Mansour B. Ahmad, Kamyar Shameli, <b>Rosfarizan Mohamad</b> , Mahnaz Mahdav, Paridah Md. Tahir	Green synthesis and characterization of gold nanoparticles using the marine macroalgae <i>Sargassum muticum</i>	Research on Chemical Intermediates	DOI 10.1007/s11164-014-1696-4	-	-	1.540	ISI Thomson	0922-6168	Q2
40	Fatemeh Mahdavi, Maziah Mahmood , Normah Mohd Noor	Optimization of particle bombardment parameters for DNA delivery into the male flowers of banana	Biologia	69	7	888-894	0.696	ISI Thomson	0006-3088	Q4
41	FOOK-HWA LIM; ISKANDAR NOR FAKHRANA; OMAR ABDUL RASID; ABU SEMAN IDRIS;	ISOLATION AND SELECTION OF REFERENCE GENES FOR Ganoderma	Journal of Oil Palm Research	26	2	170-181	0.177	ISI Thomson	1511-2780	Q4
42	Goh, Z.H., Tan, S.G., Bhassu, S. and <b>Tan, W.S.*</b>	RNA Binding Region of <i>Macrobrachium rosenbergii</i> Nodavirus Capsid protein	Journal of General Virology	95	9	1919-1928	3.529	ISI Thomson	1465-2099	Q1
43	Hock Eng Khoo, Azrina Azlan, Amin Ismail, Faridah Abas, <b>Muhajir Hamid</b>	Inhibition of Oxidative Stress and Lipid Peroxidation by Anthocyanins from Defatted Canarium odontophyllum Pericarp and Peel Using In Vitro Bioassays	Plos One	9	1	9 pages	3.534	ISI Thomson	1932-6203	Q1
44	Htwe, N.N., Ling, H.C., Zaman, F.Q.,Maziah, M.*	Plant genetic transformation efficiency of selected Malaysian rice based on selectable marker gene (hptII)	Pakistan Journal of Biological Sciences	4	17	472-481	0.000	Web of Science (WOS)	1028-8880	-
45	Ibrahim Yusuf, Rabi'atu Umar Adam, Siti A Ahmad, Phang L Yee	Ebola and compliance with infection prevention measures in Nigeria	The Lancet Infectious Diseases	14	11	1045 - 1046	19.446	ISI Thomson	1473-3099	Q1
46	Iman, A.H., Abdulkarim, S.M., Son, R., <b>Tan, W.S.</b>	Isolation of cDNA encoding phytoene synthase ( crtB) in carrot ( <i>Daucus carota</i> L. ssp sativus).	Journal of Food, Agriculture & Environment.	12	2	89-92	0.435	ISI Thomson	1459-0263	Q4

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47	Ira Amira Rosti, Ramakrishnan Nagasundara Ramanan, Joo Shun Tan, Tau Chuan Ling & <b>Arbakariya B. Ariff*</b>	Recovery of Microquantities of Human Epidermal Growth Factor from <i>Escherichia coli</i> Homogenate and <i>Pichia pastoris</i> Culture Medium	Separation Science and Technology	49	-	702-708	1.164	ISI Thomson	0149-6395	Q2
48	J.J. Rovie-Ryan, M. T. Abdullah2, F. T. Sitam, S. G. Tan, Z. Z. Zainuddin, M. M. Basir, Z. Z. Abidin, C. Keliang , A. Denel , E. Joeneh1 and F. M. Ali	Genetic diversity of <i>Macaca fascicularis</i> ( <i>Cercopithecidae</i> ) from Penang, Malaysia as inferred from mitochondrial control region segment	Journal of Indonesian Natural History	2	2	14-25	-	-	-	-
49	Jalaldeen Mohammed Nazrim Marikkar and Sohel Rana	Use of Differential Scanning Calorimetry to Detect Canola oil ( <i>Brassica napus L.</i> ) Adulterated with Lard Stearin	Journal of Oleo Science	63	(9)	867-873	1.201	ISI Thomson	1345-8957	Q3
50	Jalilsood T., Baradaran A., Foo H.L., Mustafa S., Yusoff K., and Rahim AR.	Characterization of pR18, a novel rolling circle replication plasmid ffrom <i>Lactobacillus plantarum</i>	Plasmid	73	2014	1-9	1.276	ISI Thomson	0147-619	Q4
51	Javad Baharara, Farideh Namvar *, Marzieh Mousavi, Tayebe Ramezani and Rosfarizan Mohamad	Anti-Angiogenesis Effect of Biogenic Silver Nanoparticles Synthesized Using <i>Saliva officinalis</i> on Chick Chorioallantoic Membrane (CAM)	Molecules	2014	19	13498-13508	2.095	ISI Thomson	1420-3049	Q3
52	Jessica, J.J.A., Safiah, A.M., <b>Maziah, M.</b> , Seeramanan, S.	Effect of Plasmolysis on Protocorm-Like Bodies of <i>Dendrobium Bobby Messina</i> Orchid Following Cryopreservation with Encapsulation– Dehydration	Applied Biochemistry and Biotechnology	-	172	1433-1444	1.893	ISI Thomson	0273-2289	Q3
53	Joo Ling Loo, Anahita Khoramnia, <b>Oi Ming Lai</b> , Kamariah Long, and Hasanah Mohd Ghazali*	Mycelium-Bound Lipase from a Locally Isolated Strain of <i>Geotrichum candidum</i>	Molecules	19	2014	8556-8570	2.428	ISI Thomson	1420-3049	Q2
54	Juferi Idrisa, Yoshihito Shirai, Yoshito Andou, Ahmad Amiruddin Mohd Ali, Mohd Ridzuan Othman, Izzudin Ibrahim, <b>Mohd Ali Hassan</b>	Self-sustained carbonization of oil palm biomass produced an acceptable heating value charcoal with low gaseous emission	Journal of Cleaner Production	in press	2014	1-5	3.59	ISI Thomson	0959-6526	Q1
55	K. T. Lim, M. Y. Shukor, and <b>H. Wasoh*</b>	Physical, Chemical, and Biological Methods for the Removal of Arsenic Compounds	BioMed Research International	Article ID 503784	2014	1-9	<b>0.000</b>	ISI Thomson	2314-6133	Q2
56	Ka-Heng Lee, Faridah Abas, Noorjahan Banu Mohamed Alitheen, Khozirah Shaari, Nordin Haji Lajis, Daud Ahmad Israf and Ahmad Syahida	Chemopreventive effects of a curcumin-like diarylpentanoid [2,6-bis(2,5-dimethoxybenzylidene)cyclohexanone] in cellular targets of rheumatoid	International Journal of Rheumatic Diseases	-	-	-	1.65	ISI Thomson	1756-1841 1756-185X	Q3
57	Kareem Yassen Karwan, <b>Hooi Ling Foo*</b> , Teck Chwen Loh, May Foong Ooi, Anjas Asmara Samsudin,	Inhibitory activity of postbiotic produced by strains of <i>Lactobacillus plantarum</i> using reconstituted media supplemented with inulin	Gut Pathogens	6	23	1-7	2.738	ISI Thomson	1757-4749	Q2
58	Khalilah Abdul Khalil, <b>Shuhaimi Mustafa</b> , Rosfarizan Mohammad, Arbakariya bin Ariff, Yamin Shaari, Yazid Abdul Manap, Siti Aqlima Ahmad and Farrah Aini Dahalan	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	2014	—	10 pages	2.880	ISI Thomson	1110-7243	Q2
59	Kok Song Lai *, Khatijah Yusoff and Maziah Mahmood	Morphological and physiological characterization of embryogenic and non-embryogenic tissues of <i>centella asiatica</i>	Plant Tissue Culture and Biotechnology	24	1	125-129	0	Scopus	1817-3721	-
60	L.G. Tham, M.I.E. Halmi, M.S.A. Sharif, N. Perumal, Ghousia Begum, M.A. Syed and M.Y. Shukor.	Sensitivity of crude and partially purified acetylcholinesterase from fish to carbamates and organophosphates	Journal of Environmental Biology	34	0	285-287	0.682	ISI Thomson	0254-8704	Q4
61	L.K. Chong, Alan H.K. Ong, S. G. Tan, K.A.S. Taranjeet, M.M. Peris, A.M.M.A Sana, H.R. Hassan	Morphological and Genetic Variations of the FreshWater Leech, <i>Hirudinaria spp.</i> , in	Biochemical Genetics	52	2014	283-295	0.938	ISI Thomson	006-2928	Q4
62	Laila Naher, Umi Kalsom Yusuf, Soon Guan Tan, Shafiquzzaman Siddiquee, M Robui Islam	In Vitro and In Vivo Biocontrol Performance of <i>Trichoderma harzianum</i> Rifai on Ganoderma boninense Pat. Related to Pathogenicity on Oil Palm ( <i>Elaeis</i>	Journal of Pure and Applied Microbiology	8	2	973-978	0.054	ISI Thomson	0973-7510	Q4

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63	Lau SC, Lim HN, Basri M, Fard Masoumi HR, <b>Ahmad Tajudin A</b>	Enhanced biocatalytic esterification with lipase-immobilized chitosan /graphene oxide beads	PLOS ONE	9	8	10 pages	3.534	ISI Thomson	1932-6203	Q1
64	Li Teng Khoo, Faridah Abas, Janna Ong Abdullah, Eusni Rahayu Mohd Tohit, and <b>Muhajir Hamid*</b>	Anticoagulant Activity of Polyphenolic-Polysaccharides Isolated from <i>Melastoma malabathricum</i> L.	Hindawi Publishing Corporation/Evidence-Based Complementary and Alternative Medicine	2014	—	1-8	2.175	ISI Thomson	1741-427X	Q2
65	M.I.E. Halmi, F. Ahmad, A.K. Hashim, N.A. Shamaan, M.A. Syed and M.Y. Shukor.	Effect of bacterial growth period on the sensitivity of the MTT assay for silver	Journal of Environmental Biology	34	-	-	0.682	ISI Thomson	0254-8704	Q4
66	M.Y. Shukor, M.I.E. Halmi, H. Jirangon, M. Abd El-Mongy and M.A. Syed.	Probing the location of metal reduction in the bacterium <i>S. marcescens</i> strain DrY6 using respiratory inhibitors.	Journal of Environmental Biology	35	0	191-192	0.682	ISI Thomson	0254-8704	Q4
67	Mardin, S.T., Song, A.A., Sieo, C.C., Yusoff, K.M. and Raha, A.R.	Construction of a Novel Inducible Expression Vector for <i>Lactococcus lactis</i> M4 and <i>Lactobacillus plantarum</i> Pa21	Plasmid	74	2014	32-38	1.276	ISI Thomson	0147-619	Q4
68	Mar, N.N., Umemoto, T., Siti, N.A.A., <b>Maziah, M.</b>	Chain length distribution of amylopectin and physicochemical properties of starch in Myanmar rice cultivars. International Journal of Food Properties	International Journal of Food Properties	-	-	-	0.877	ISI Thomson	1094-2912	Q3
69	Marikkar, J.M.N.* and N.A.M. Yanty.	Effect of chemical and enzymatic modifications on the identity characteristics of lard-Review	International Journal of Food Properties	17	1	321–330	0.877	ISI Thomson	1094-2912	Q3
70	Minh Tuan Nguyen, Toshinari Maeda*, <b>Mohd Zulkhairi Mohd Yusoff</b> , Hiroaki I Ogawa	Effect of azithromycin on enhancement of methane production from waste activated sludge	Journal of Industrial Microbiology & Biotechnology	41	-	1051-1059	2.321	ISI Thomson	1367-5435	Q2
71	Mior Ahmad Khushairi Mohd Zahari, Hidayah Ariffin, Mohd Noriznan Mokhtar, Jailani Salihon, Yoshihito Shirai, <b>Mohd Ali Hassan *</b>	Case study for a palm biomass biorefinery utilizing renewable non-food sugars from oil palm frond for the production of poly(3-hydroxybutyrate) bioplastic	Journal of Cleaner Production	87	2015	284-290	<b>3.590</b>	ISI Thomson	0959-6526	Q1
72	Mior Ahmad Khushairi Mohd Zahari, Sharifah Soplah Syed Abdullah, Ahmad Muhamimin Roslan, <b>Hidayah Ariffin*</b> , Yoshihito Shirai, Mohd Ali Hassan	Efficient utilization of oil palm frond for bio-based products and biorefinery	Journal of Cleaner Production	65	2014	252-260	3.59	ISI Thomson	0959-6526	Q1
73	Mohamed Idris Alshelman, Teck Chwen Loh*, <b>Hooi Ling Foo</b> , Wei Hong Lau, and Awis Qurni Sazili	Biodegradation of Palm Kernel Cake by Cellulolytic and Hemicellulolytic Bacterial Cultures through Solid State Fermentation	The Scientific World Journal	Article ID 729852	2014	1-8	1.730	ISI Thomson	1537-744X	Q1
74	Mohammad Abu Alrub, MahiranBasri, Emilia Abd. Malek, ShahruAiqliahAlang Ahmad, *Abu BakarSalleh,Mohd. Basyaruddin Abdul Rahman	Optimization of lipase-catalysed synthesis of N-trans-feruloyltryamine using response surface methodology (RSM)	Chemical Engineering Communications	201	11	1582-1592	1.052	ISI Thomson	0098-6445	Q3
75	Mohd Azwan Jenol, Mohamad Faizal Ibrahim, Phang Lai Yee, Madiah Md Salleh and <b>Suraini Abd-Aziz*</b>	Sago biomass as a sustainable source for biohydrogen production by <i>Clostridium butyricum</i> A1	BioResources	9	1	1007-1026	1.549	ISI Thomson	1930-2126	Q1
76	Mohd Basyaruddin Abdul Rahman,Ahmad Hanif Jaafar, Mahiran Basri, <b>Raja Noor Zaliha Raja Abdul Rahman</b> and Abu Bakar Salleh	Biomolecular Design and ReceptorLigand Interaction of a Potential Industrial Biocatalysts: A Thermostable Thermolysin-Phosphoeth-anolamine-Ca2+ Protein Complex	Journal of Advanced Catalysis Science and Technology	1	1	1-5 pages	-	-	2408-9834	

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77	Mohd Huzairi Mohd Zainuddin, <b>Mohd Ali Hassan*</b> , Umi Kalsom Md Shah, Norhani Abdullah, Mitsunori Tokura, Hisashi Yasueda, Yoshihito Shirai, Kenji Sakai, and Azhari Samsu Baharuddin	Bacterial community structure and biochemical changes associated with composting of lignocellulosic oil palm empty fruit bunch	BioResources	9	1	316-335	1.549	ISI Thomson	1930-2126	Q1
78	Mohd Izuan Effendi Halmi, Helmi Wasoh, Surani Sukor, Siti Aqlima Ahmad, Mohd Termizi Yusof, Mohd	Bioremoval of Molybdenum from Aqueous Solution.	International Journal of Agriculture and	IJAB-13-793. Accepted	-	-	0.808	ISI Thomson	1560-8530	Q2
79	Mohd Khalizan Sabullah,Mohd Rosni Sulaiman, Mohd Yunus Abd Shukor,	The Assessment of Cholinesterase from the Liver of <i>Puntius Javanicus</i> as Detection of Metal Ions	Scientific World Journal	2014	-	9 pages	1.2	ISI Thomson	-	Q1
80	<b>Mohd Rafein Zakaria*</b> , Satoshi Hirata, Mohd Ali Hassan	Combined pretreatment using alkaline hydrothermal and ball milling to enhance enzymatic hydrolysis of	Bioresource Technology	169	2014	236-243	4.750	ISI Thomson	0960-8524	Q1
81	<b>Mohd Rafein Zakaria*</b> , Shinji Fujimoto, Satoshi Hirata, Mohd Ali Hassan	Ball Milling Pretreatment of Oil Palm Biomass for Enhancing Enzymatic Hydrolysis	Applied Biochemistry and Biotechnology	DOI 10.1007/s12010-014-0964-5	-	-	1.893	ISI Thomson	0273-2289	Q3
82	Mohd Rahimi Zakaria Mamat, <b>Hidayah Arifin *</b> , Mohd Ali Hassan, Mior Ahmad Khushairi Mohd Zahari	Bio-based production of crotonic acid by pyrolysis of poly(3-hydroxybutyrate) inclusions	Journal of Cleaner Production	87	2015	463-472	3.590	ISI Thomson	0959-6526	Q1
83	Mohd Ridzuan Othman, <b>Mohd Ali Hassan*</b> , Azhari Samsu Baharuddin, Yoshihito Shirai, Ahmad Amiruddin Mohd Ali and Juferi Idris.	Treatment of Palm Oil Mill Effluent Final Discharge Wastewater to Achieve River Water Quality For Use As Recycled Water in Zero Emission System	Journal of Cleaner Production	67	-	58-61	3.590	ISI Thomson	0959-6526	Q1
84	Mohd Shamzi Mohamed, Joo Shun Tan, Saeid Kadkhodaei, Rosfarizan Mohamad, Mohd Noriznan Mokhtar and <b>Arbakarya B. Ariff*</b>	Kinetics and modeling of microalga <i>Tetraselmis</i> sp. FTC 209 growth with respect to its adaptation toward different trophic conditions	Biochemical Engineering Journal	88	2014	30-41	2.579	ISI Thomson	1369-703X	Q1
85	Mohd Zobir Hussein*, Adila Mohamad Jaafar 1,2,†Asmah Hj. Yahaya ,Mas Jaffri Masarudin and Zulkarnain Zainal 2,†	Formation and Yield of Multi-Walled Carbon Nanotubes Synthesized via Chemical Vapour Deposition Routes Using Different Metal-Based Catalysts of FeCoNiAl, CoNiAl	International Journal of Molecular Sciences	15	2014	20254-20265	2.339	ISI Thomson	1422-0067	Q2
86	<b>Mohd. Termizi Yusof*</b> , Michael J. Kershaw, Darren M. Soanes, Nicholas J. Talbot	FAR1 and FAR2 regulate the expression of genes associated with lipid metabolism in the rice blast fungus <i>Magnaporthe oryzae</i>	PLoS One	9	6	-	3.534	ISI Thomson	1932-6203	Q1
87	Mookiah Saminathan, Hui Yin Tan, Chin Chin Sieo, Norhani Abdullah, Clemente Michael Vui Ling Wong, Emilia Abdulmalek and Yin Wan Ho	Polymerization Degrees, Molecular Weights and Protein-Binding Affinities of Condensed Tannin Fractions from a Leucaena leucocephala Hybrid	Molecules	19	-	7990-8010	2.428	ISI Thomson	1420-3049	Q2
88	Mookiah, S., Tan, H. Y., <b>Sieo, C. C.</b> , Abdullah, N., Wong, C. M. V. L., Abdulmalek, E. and Ho, Y. W. (2014)	Polymerization degrees, molecular weights and protein-binding affinities of condensed tannin fractions from a Leucaena leucocephala hybrid.	Molecules	19	-	7990-8010	2.428	ISI Thomson	1420-3049	Q2
89	MUHAMMAD YUSRAN ABDUL AZIZ, ABDUL RAHMAN OMAR, TAMILSELVAN SUBRAMANI, SWEE KEONG YEAP, WAN YONG	Damnacanthol is a potent inducer of apoptosis with anticancer activity by stimulating p53 and p21 genes in MCF 7 breast cancer cells	ONCOLOGY LETTERS	7	-	1479-1484	0.987	ISI Thomson	1792-1074	Q4
90	<b>Murni Halim</b> , Leonardo Rios-Solis, Martina Micheletti, John M. Ward and Gary J. Lye*	Microscale methods to rapidly evaluate bioprocess options for increasing biocconversion yields: application to the $\alpha$ -transaminase synthesis of chiral amines	Bioprocess Biosystem Engineering	2014	37	931-941	1.869	ISI Thomson	1615-7591	Q2
91	Mutalib, N.E.A., Isa, N.M., Alitheen, N.B., Song, A.A., and Rahim, A.R.	IRES-Incorporated lactococcal bicistronic vector for target gene expression in a eukaryotic system	Plasmid	73	2014	26-33	1.276	ISI Thomson	0147-619	Q4
92	N.A. Zamzuri, <b>S. Abd-Aziz</b> , R.A. Rahim, L.Y. Phang, N.B. Alitheen, and T. Maeda*	A rapid colorimetric screening method for vanillic acid and vanillin-producing bacterial strains	Journal of Applied Microbiology	116	-	903-910	2.196	ISI Thomson	1364-5072	Q2
93	Namuli Aidah, Norhani Abdullah*, Ehsan Oskoueian, Chin Chin Sieo and Wan Zuhainis Saad	Membrane-Active Antibacterial Compounds in Methanolic Extracts of <i>Jatropha curcas</i> and their Mode of Action against <i>Staphylococcus</i>	International Journal of Agriculture & Biology	16	4	723-730	0.808	ISI Thomson	ISSN Print: 1560-8530 ISSN	Q2

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94	Naseron, N.A.H., Lim, K.-A., Teh, S.-L., Teo, S.-S., Leow, A.T.C., Namasiyam, P., Ho, C.-L.	Molecular characterization and homology modeling of a short-chain reductase/dehydrogenase from	Journal of Applied Phycology	26	2014	665-674	2.492	ISI Thomson	0921-8971	Q2
95	Nasyrah, A.R., J.M.N. Marikkar*, and M.H. Dzulkifly	Comparative thermal characteristics and fatty acid composition of Mono- and Diacylglycerols of lard and some commercial emulsifiers	International Journal of Food Properties	17	3	1116–1125	0.877	ISI Thomson	1094-2912	Q3
96	Noor Farisha Abd. Rahim, Kohtaro Watanabe, <b>Hidayah Ariffin</b> , Yoshito Andou*, Mohd Ali Hassan, and Yoshihito Shira	Synthesis of Bio-based Monomer from Vegetable Oil Fatty Acids and Design of Functionalized Greener Polyester	Chemistry Letters	43	9	1517–1519	1.300	ISI Thomson	0366-7022	Q3
97	Noor Farisha Abd. Rahim, Kohtaro Watanabe, <b>Hidayah Ariffin</b> , Yoshito Andou*, Mohd Ali Hassan, Yoshihito Shira	Design of Bio-based Monomers from Oleic and Linoleic Acids for Greener Polyester	Chemistry Letters	43	9	1517–1519	1.300	ISI Thomson	0366-7022	Q3
98	Noor, S.S. Mohd., Tey, B.T., <b>Tan, W.S.</b> , Ling, T.C., Ramanan, R.N., Ooi, C.W.	Purification of recombinant green fluorescent protein from Escherichia coli using hydrophobic interaction chromatography	Journal of Liquid Chromatography & Related Technologies.	37	13	1873-1884	0.565	ISI Thomson	1082-6076	Q4
99	Noorzianna Abdul Manaf Yanty, Jalaldeen Mohammed Nazrim Marikkar, Bangun Prajanto Nusantoro, Kamariah Long and	Physico-chemical Characteristics of Papaya ( <i>Carica papaya L.</i> ) Seed Oil of the Hong Kong/Sekaki Variety	Journal of Oleo Science	63	(9)	885-892	1.201	ISI Thomson	1345-8957	Q3
100	Nor Hafizah Ahmad Kamarudin, Raja Noor Zaliha Raja Abd. Rahman*, Mohd Shukuri Mohamad Ali, Thean Chor Leow, Mahiran Basri, Abu Bakar Salleh	A New Cold Adapted, Organic Solvent Stable Lipase From Mesophilic <i>Staphylococcus epidermidis</i> AT2	Protein Journal	2014	33	296–307	0.466	ISI Thomson	1572-3887	Q4
101	Nor Hafizah Ahmad Kamarudin, <b>Raja Noor Zaliha Raja Abd. Rahman*</b> , Mohd Shukuri Mohamad Ali, Thean Chor Leow, Mahiran Basri, and Abu Bakar Salleh	Unscrambling the effect of C-terminal tail deletion on the stability of a cold-adapted, organic solvent stable lipase from <i>Staphylococcus epidermidis</i> AT2	Molecular Biotechnology	56	—	747-757	2.275	ISI Thomson	1073-6085	Q3
102	NorlailyMohd Ali, Hamidah Mohd Yusof, Swee-Keong Yeap, Wan-Yong Ho, Boon-Kee Beh, Kamariah Long,	Anti-Inflammatory and Antinociceptive Activities of Untreated, Germinated, and Fermented Mung Bean	Evidence-Based Complementary and Alternative Medicine	201	Article ID 350507	6 pages	2.175	ISI Thomson	1741-427X	Q2
103	Norsyuhada Alias, Mu'adz AhmadMazian, Abu Bakar Salleh, Mahiran Basri, and Raja Noor Zaliha Raja Abd. Rahman*	Molecular Cloning and Optimization for High Level Expression of Cold-Adapted Serine Protease from Antarctic Yeast <i>Glaciozyma antarctica</i> PI12	Hindawi Publishing Corporation-Enzyme Research	2014	—	20 pages	0.755	Scopus	2090-0406	-
104	Nur Aishah, A.W, Hanina, M.N, Ismatul Nurul Asyikin I., Hairul Shahril M, Salina, M.R., Maryam, M.R., Abdul Jalil A.K, and Rosfarizan, M	Antimicrobial protein produced by <i>Bacillus subtilis</i> ATCC 21332 in the presence of <i>Allium sativum</i>	Asian Pacific Journal of Tropical Disease	4	3	223-252	0.000	Scopus	2222-1808	-
105	Nur Amelia Azreen Adnan, Sheril Norliana Suhaimi, Suraini Abd-Aziz, Mohd Ali Hassan, <b>Lai-Yee Phang*</b>	Optimization of bioethanol production from glycerol by <i>Escherichia coli</i> SS1	Renewable Energy	66	2014	625-633	2.989	ISI Thomson	0960-1481	Q1
106	Nur Illiyin, M.R., <b>J.M.N. Marikkar*</b> , M.K. Lok, Shuhaimi, M., Mahiran, B., and Miskandar, M.S.	Interesterification of engkabang ( <i>Shorea macrophylla</i> ) fat - canola oil blend with lipase from <i>candida antarctica</i> to simulate the	Journal of Oleo Science	63	1	39–46	1.201	ISI Thomson	1345-8957	Q3
107	Nur Inani Abdul Razak,* Nor Azowa Ibrahim,* Norhazlin Zainuddin, Marwah Rayung and <b>Wan Zuhainis Saad</b>	The Influence of Chemical Surface Modification of Kenaf Fiber using Hydrogen Peroxide on the Mechanical Properties of Biodegradable Kenaf Fiber/Poly(Lactic Acid) Composites	Molecules	19	3	2957-2968	2.428	ISI Thomson	1420-3049	Q2
108	Nurhazirah Shazali, <b>Hooi Ling Foo*</b> , Teck Chwen Loh, Di Wei Choe and Raha Abdul Rahim	Prevalence of antibiotic resistance in lactic acid bacteria isolated from the faeces of broiler chicken in Malaysia	Gut Pathogens	6	2014	9-Jan	2.738	ISI Thomson	1757-4749	Q2
109	Nurul Amalina, M.Z., Razi, M.I., Maziah, M., Adam, P. and Hafiz, M.I	Alleviation of Water Stress Effects on MR220 Rice by Application of Periodical Water Stress and	Molecules	2	19	1795-1819	2.428	ISI Thomson	1420-3049	Q2
110	Nurul Atika Mohamad Remli, <b>Umi Kalsom Md Shah</b> *, Rosfarizan Mohamad, and Suraini Abd Aziz	Effects of chemical and thermal pretreatments on the enzymatic saccharification of rice straw for sugars production	BioResources	9	1	510-522	1.549	ISI Thomson	1930-2126	Q1

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111	Ong, Y.Y., <b>Tan, W.S.</b> , Rosfarizan, M. and Tey, B.T.	Biochemical and molecular identification of Enterococcus spp. from red pitaya.	Process Biochemistry.	49	4	563-568	2.414	ISI Thomson	1359-5113	Q1
112	P. Azizi, M. Y. Rafii, S.N. A. Abdullah, N. Nejat, M. Maziah, M. M. Hanafi, M. A. Latif, and M. Sahebi	Toward understanding of rice innate immunity against Magnaporthe oryzae	Critical Reviews in Biotechnology	-	-	-	7.837	ISI Thomson	0738-8551	Q1
113	Parisa Shokryazdan, Chin Chin Sieo, Ramasamy Kalavathy, Juan Boo Liang, Noorjahan Banu Alitheen, Mohammad Easleeb Lahromi and	Probiotic Potential of Lactobacillus Strains with Antimicrobial Activity against Some Human Pathogenic Strains	BioMed Research International	Volume 2014, Article ID 927268,	-	16 pages	2.88	ISI Thomson	2314-6133	Q2
114	Raksha, S., <b>Tan, W.S.</b> , Hamid, M., Ramanan, R.N. and Tey, B.T.	A single-step purification of the glycoprotein of Nipah virus produced in insect cells using an anion exchange chromatography method.	Separation Science and Technology	49	2	249-257	1.164	ISI Thomson	0149-6395	Q2
115	Reza Azadi Gonbad, Uma Rani Sinniah*, Maheran Abdul Aziz, and <b>Rosfarizan Mohamad</b>	Influence of Cytokinins in Combination with GA3 on Shoot Multiplication and Elongation of Tea Clone Iran 100 ( <i>Camellia sinensis</i> (L.) O. Kuntze)	The Scientific World Journal	Article ID 943054	-	1-9	1.730	ISI Thomson	1537-744X	Q1
116	Rezaee M, Basri M, Rahman RNZRA, Salleh AB, Chaibakhsh N, Abedi Karjiban R.	Formulation development and optimization of palm kernel oil esters-based nanoemulsions containing sodium diclofenac	International Journal of Nanomedicine	9	1	539-548	3.463	ISI Thomson	1178-2013	Q1
117	Rezaee, M., Basri, M., <b>Raja Abdul Rahman, R.N.Z.</b> , Salleh, A.B., Chaibakhsh, N., Fard Masoumi, H.R.	A multivariate modeling for analysis of factors controlling the particle size and viscosity in palm kernel oil esters-based nanoemulsions	Industrial Crops and Products	52	-	506-511	2.468	ISI Thomson	0926-6690	Q1
118	Rogayah Sekeli, Janna Ong Abdullah, Parameswari Namasivayam, Pauziah Muda and Umi Kalsom Abu Bakar	RNA interference of 1-amino cyclopropane-1-carboxylic acid oxidase genes prolonged the shelf life of Eksootika papaya.	Molecules	19	-	8350-8362	2.428	ISI Thomson	1420-3049	Q2
119	S.M. Hashemi, T.C. Loh*, <b>H.L. Foo</b> , I. Zulkifli, M. Hair Bejo	Effects of putrescine supplementation on growth performance, blood lipids and immune response in broiler chickens fed methionine deficient diet	Animal Feed Science and Technology	194	2014	151-156	2.086	ISI Thomson	0377-8401	Q1
120	Saadi Bayat, Bimo Ario Tejo, Abu Bakar Salleh, Emilia Abdulkemalek, Yahaya M. Normi, Mohd	Asymmetric Michael Reaction Catalyzed by Mimicked Peptides	Catalysis Letters	144	-	222-228	2.200	ISI Thomson	1011-372X	Q2
121	Sahar Abbasiliasi, Joo Shun Tan, Tengku Azmi Tengku Ibrahim, Saeid Kadkhodaei, Hui Suan Ng, Faezeh Vakhshiteh, Zahra Ajdar, Shuhaimi Mustafa, Tau Chuan Ling, Raha Abdul Rahim, <b>Arbakariya B. Ariff*</b>	Primary recovery of a bacteriocin-like inhibitory substance derived from <i>Pediococcus acidilactici</i> Kp10 by an aqueous two-phase system	Food Chemistry	151	2014	93-100	3.334	ISI Thomson	0308-8146	Q1
122	Sahar Abbasiliasi, Joo Shun Tan, Tengku Azmi Tengku Ibrahim, Saeid Kadkhodaei, Hui Suan Ng, Faezeh Vakhshiteh, Zahra Ajdar, <b>Shuhaimi Mustafa</b> , Tau Chuan Ling, Raha Abdul Rahim, <b>Arbakariya B. Ariff</b>	Primarily recovery of a bacteriocin-like inhibitory substance derived from <i>Pediococcus acidilactici</i> Kp10 by an aqueous two-phase system	Food Chemistry	151	—	93-100	3.334	ISI Thomson	0308-8146	Q1
123	<b>Saila Ismail*</b> , Clare A. Stokes, Elizabeth C. Prestwich, Rebecca L. Roberts, Jatinder K. Juss, Ian Sabroe, Lisa C. Parker	Phosphoinositide-3 Kinase Inhibition Modulates Responses to Rhinovirus by Mechanisms that Are Predominantly Independent of Autophagy	PLOS ONE	—	—	28 pages	3.534	SI THOMSON	1932-6204	Q1
124	Saminathan Mookiah , <b>Sieo Chin Chin</b> , Kalavathy Ramasamy, Norhani Abdullah and Ho Yin Wan*	Effects of dietary prebiotics, probiotic and synbiotics on performance, caecal bacterial populations and caecal fermentation concentrations of broiler chickens.	Journal of the Science of Food and Agriculture	94	—	341-348	1.759	ISI Thomson	0022-5142	Q1

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125	Sarah Othman, Roger Parton . John Coote	Bactocfection of mammalian cells by an attenuated derivatives of <i>Pasteurella multocida</i> B:2	Journal of Bacteriology and Parasitology	5	4	45	1.74	-	2155-9597	-
126	Sayangku Nor Ariati Mohamad Aris, Adam Leow Thean Chor, Mohd Shukuri Mohamad Ali, Mahiran Basri, Abu Bakar Salleh, and <b>Raja Noor Zaliha Raja Abd. Rahman*</b>	Crystallographic Analysis of Ground and Space Thermostable T1 Lipase Crystal Obtained via Counter Diffusion Method Approach	BioMed Research International	-	-	8 pages	2.88	ISI Thomson	1110-7243	Q2
127	Seow-Neng Chan, Norliza Abu Bakar, Maziah Mahmood, Chai-Ling Ho, and *Noor Azmi Shaharuddin	Molecular Cloning and Characterization of Novel Phytocystatin Gene from Turmeric, <i>Curcuma longa</i> .	BioMed Research International	2014	-	9 pages	2.88	ISI Thomson	2314-6133	Q2
128	Shamala Salvamani, Baskaran Gunasekaran, Noor Azmi Shaharuddin, Siti Aqlima Ahmad, and Mohd Yunus Shukor	Review Article: Antiartherosclerotic Effects of Plant Flavonoids	Biomed research international	-	-	11 pages	2.706	ISI Thomson	-	Q2
129	Shankar, R., Madiyah, M.S.*., Shaza, E.M, Nur Aswati, K.O., <b>Suraini, A.A.</b> and Kamarulzaman, K.	Application of Different Feeding Strategies in Fed Batch Culture for Pullulanase Production Using Sago Starch	Carbohydrate Polymers	102	-	962-969	3.479	ISI Thomson	0144-8617	Q1
130	Sharif, Mohd Sha Aidil, Mohd Izuan Effendi Halmi, Amir Syahir, Johari, W.L.W., Shukor, M.Y.	Assessment of Acetylcholinesterase from Channa micropeltes (Cuvier, 1831) as a Source of Enzyme for Insecticides	International Journal of Agriculture and Biology	16:00	0	389–394	0.808	ISI Thomson	1560-8530	Q2
131	Shukor, M.Y., Halmi, M.I.E., Rahman, M.F.A., Shamaan, N.A. and Syed, M.A.	Molybdenum reduction to molybdenum blue in <i>Serratia</i> sp. strain DRY5 is catalyzed by a novel molybdenum-reducing enzyme.	BioMed Research International	2014	0	Article ID 853084. (1-8)	2.88	ISI Thomson	1110-7243	Q2
132	Siou Pei Ng, <b>Oi Ming Lai</b> , Faridah Abas, Hong Kwong Lim, Boon Kee Beh, Tau Chuan Ling, Chin Ping Tan*	Compositional and thermal characteristics of palm olein-based diacylglycerol in blends with palm super olein	Food Research International	55	2014	62-69	3.005	ISI Thomson	0963-9969	Q1
133	Siou Pei Ng, <b>Oi Ming Lai</b> , Faridah Abas, Hong Kwong Lim, Chin Ping Tan*	Stability of a concentrated oil-in-water emulsion model prepared using palm olein-based diacylglycerol/virgin coconut oil blends: Effects of the	Food Research International	64	2014	919-930	3.050	ISI Thomson	0963-9969	Q1
134	Siti Aqlima Ahmad, Ku Nurul Ezreen Ku Ahamed, Wan Lutfi Wan Johari, Mohd. Izuan Effendi Halmi, Mohd. Yunus Shukor, <b>Mohd. Termizi Yusof*</b>	Kinetics of diesel degradation by an acrylamide-degrading bacterium	Rendiconti Lincei-Scienze Fisiche E Naturali	2014	—	8 PAGES	0.757	ISI Thomson	2037-4631	Q3
135	Siti Oslan Hazwani, Mohd Zamri Saad*, <b>Mohamad Rosfarizan</b> , Bejo Siti-Khairani	In vitro and in vivo survivality of gdhA derivative <i>Pasteurella multocida</i> B:2	Malaysian Journal of Microbiology	10	1	63-66	0.000	Scopus	1823-8262	-
136	Siti Salwa Abd Gani, Mahiran Basri*, Anuar Kassim, <b>Raja Noor Zaliha Raja Abd Rahman</b> , Abu Bakar Salleh and Zahariah Ismail	Characterization of encapsulated titanium dioxide using engkabang fat esters for cosmeceutical purposes	INTERNATIONAL JOURNAL OF PHARMACEUTICAL, CHEMICAL AND BIOLOGICAL SCIENCES	4	3	725-737	0.478	Google Scholar	2249-9504	-
137	Somayeh Heidary, Raha Abdul Rahim, Samira Eissazadeh, Hassan Moeini, Adam Leow Thean	Proteome Analysis of <i>Escherichia coli</i> periplasmic proteins in response to over-expression of	Biotechnology Letters	36	2014	1479-1484	1.853	ISI Thomson	0141-5492	Q3
138	Song, A.A., Abdullah, J.O., Abdullah, M.P., Shafee, N., Othman, R., Noor, N.M. and Rahim, A.R.	Engineering the lactococcal mevalonate pathway for increased sesquiterpene production	FEMS Microb Lett.	355	2	177-184	2.049	ISI Thomson	0378-1097	Q3
139	Sonia Nikzad, <b>Soon Guan Tan</b> , Christina Yong Seok Yien, Jillian Ng, Noorjahan Banu Alitheen, Razib Khan, Jeffrine J. Rovie-Ryan,	Genetic diversity and population structure of long-tailed macaque ( <i>Macaca fascicularis</i> ) populations in Peninsular Malaysia	Journal of Medical Primatology	43	6	433-444	0.894	ISI Thomson	0047-2565	Q3

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140	Su-Fang Ee, Zeti-Azura Mohamed-Hussein, Roohaida Othman, <b>Noor Azmi Shaharuddin*</b> , Ismanizan Ismail and Zamri Zainal	Functional Characterization of Sesquiterpene Synthase from <i>Polygonum minus</i>	Scientific World Journal	(doi:10.1155/2014/840592)	-	-	1.73	ISI Thomson	1537-744X	Q1
141	Susan Azizi*, Mansor B. Ahmad, Farideh Namvar, <b>Rosfarizan Mohamad</b>	Green biosynthesis and characterization of zinc oxide nanoparticles using brown marine macroalgae <i>Sargassum muticum</i>	Materials Letters	116	2014	275-277	<b>2.269</b>	ISI Thomson	0167-577X	Q1
142	Talei D, Valdiani A, Rafii, M.Y. and Maziah M	Proteomic analysis of the salt-responsive leaf and root protein in anticancer plant <i>Andrographis paniculata</i> nees	PlosOne	9	11	1-10	3.73	ISI Thomson	1932-6203	Q1
143	Tamilselvan Subramani, Swee Keong Yeap, Wan Yang Ho, Chai Ling Ho, Abdul Rahman	<sup>Vitamin C suppresses cell death in</sup> MCF-7 human breast cancer cells induced by tamoxifen	JOURNAL OF CELLULAR AND MOLECULAR	18	2	305-313	3.698	ISI Thomson	1582-4934	Q1
144	<b>Tan, W.S.*</b> and Ho, K.L.	Phage display creates innovative applications to combat hepatitis B virus	World Journal of Gastroenterology	20	33	11650-11670	2.433	ISI Thomson	2219-2840	Q2
145	Teck Chwen Loh*, Di Wai Choe, <b>Hooi Ling Foo</b> , Awis Qurni Sazili, and Mohd Hair Bejo	Effects of feeding different postbiotic metabolite combinations produced by <i>Lactobacillus plantarum</i> strains on egg quality and production performance, faecal	BMC Veterinary Research	10	149	1-9	1.743	ISI Thomson	1746-6148	Q1
146	Teh CY, Mahmood M, Sharuddin NA and HO CL.	In vitro shoot apices as simple model to study the effect of NaCl and the potential of exogenous proline and glutathione in mitigating salinity stress.	Plant Growth Regulation	DOI 10.1007/s10725-014-9980-2	-	-	1.625	ISI Thomson	0167-6903	Q2
147	Tesfaye,S.G., Ismail,M.R, Ramlan,M.F, Marziah,M., Kausar,H.	Effect of soil drying on rate of stress development, leaf gas exchange and proline accumulation in robusta coffee ( <i>Coffea Canephora Pierre Ec Froehner</i> ) clones	Experimental Agriculture	50	3	458-479	1.069	ISI Thomson	0014-4797	Q2
148	Velayudhan Ranjani, Stefan Janecek, Kian Piaw Chai, Shafinaz Shahir, <b>Raja Noor Zalihah Raja Abdul Rahman</b> , Kok Gan Chan,	Protein engineering of selected residues from conserved sequence regions of a novel <i>Anoxybacillus</i> $\alpha$ -amylase	Scientific Reports	-	-	8 pages	5.078	ISI Thomson	2045-2322	Q2
149	Wahida Shumi*, Rejaul Haque Mostafa Chowdhury, Md. Aktar Hossain, and <b>Hooi Ling Foo*</b>	Early detection of biofilm formation of selected bacterial isolates through a new screening method using 'image J'	Malaysian Journal of Microbiology	10	3	179-185	<b>0.000</b>	Scopus	1823-8262	-
150	Wan Isa Hatin, Ab Rajab Nur-Shafawati, Ali Etemad, Wenfei Jin, Pengfei Qin, Shuhua Xu, Li Jin, <b>Soon-Guan Tan</b> , Pornprot Limprasert, Merican Amir Feisal, Mohammed Rizman-Iddid, Bin Alwi Zilfalil	A genome wide pattern of population structure and admixture in peninsular Malaysia Malays	The Hugo Journal	8	5	01-18	-	Scopus	1877-6566	-
151	<b>Wan Zuhainis Saad*</b> , Mahfuzatunajah Hashim, Syahida Ahmad & Norhani Abdullah	Effects of Heat Treatment on Total Phenolic Contents, Antioxidant and Anti-Inflammatory Activities of Pleurotus Sajor-Caju Extract	International Journal of Food Properties	17	-	219-225	0.877	ISI Thomson	1094-2912	Q3
152	Wei-Kang Lee & Parameswari Namasivayam & Chai-Ling Ho	Effects of sulfate starvation on agar polysaccharides of <i>Gracilaria</i> species ( <i>Gracilariaeae</i> , <i>Rhodophyta</i> ) from Morib, Malaysia.	Journal of Applied Phycology	26	4	1791-1799	2.492	ISI Thomson	0921-8971	Q2
153	Wong Chuan Loo, <b>Sieo Chin Chin</b> , Tan Wen Siang, Norhani Abdullah, Mohamad Hair-Bejo, Jalila Abu and Ho Yin Wan	Evaluation of a lytic bacteriophage, Øst1, for biocontrol of <i>Salmonella enterica</i> serovar Typhimurium in chickens	International Journal of Food Microbiology	172	-	92-101	3.425	ISI Thomson	0168-1605	Q1
154	Yanty, N.A.M., J.M.N. Marikkar*, and S.M. Abdulkarim	Determination of type of fat ingredient in some commercial biscuit formulation	International Food Research Journal	21	1	277-282	0.00	Scopus	1985-4668	-
155	Yanty, N.A.M., <b>J.M.N. Marikkar*</b> , M. Shuhaimi, and M.S. Miskandar	Composition and thermal analysis of binary mixture of Mee fat and palm stearin.	Journal of Oleo Science	63	4	325-332	1.201	ISI Thomson	1345-8957	Q2

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156	Yap.C.K., Edward F.B., <b>Tan,S.G.</b>	Concentrations of Heavy Metal in Different tissues of the Bivalve Polymesoda erosa : its potentials as a biomonitor and food safety concern	Pertanika Journal	37	1	19-38	0.00	Scopus	1511-3701	-
157	Yeap, S.K. , Beh, B.K. , Ali, N.M. , Mohd Yusof, H. , Ho, W.Y. , Koh, S.P. , Alitheen, N.B. , Long, K.	In vivo antistress and antioxidant effects of fermented and germinated mung bean	BioMed Research International	Volume 2014, Article number 694842	-	6 pages	2.88	ISI Thomson	2314-6133	Q2
158	Yeap, S.K. , Beh, B.K. , Kong, J. , Alitheen and <b>Oi-Ming Lai*</b>	ARDI fermented red yeast rice water	Evidence-Based Complementary and Alternative Medicine	Volume 2014, Article number 707829	-	7 pages	2.175	ISI Thomson	1741-427X	Q2
159	Yee-Ying Lee, Teck-Kim Tang, Nur Azwani Ab Karim, Noorjahan Banu Mohamed Alitheen and <b>Oi-Ming Lai*</b>	Short term and dosage influences of palm based medium- and long-chain triacylglycerols on body fat and blood parameters in C57BL/6J	Food and Function	2014	5	57-64	2.694	ISI Thomson	2042-6496	Q1
160	Yoon Yee Then*, Nor Azowa Ibrahim*, Norazlin Zainuddin, <b>Hidayah Ariffin</b> , Wan Md Zin Wan Yunus and Buong Woei Chieng	The Influence of Green Surface Modification of Oil Palm Mesocarp Fiber by Superheated Steam on the Mechanical Properties and Dimensional Stability of Oil Palm Mesocarp Fiber/Poly(butylene succinate) Biocomposite	International Journal of Molecular Sciences	15	9	15344-15357	2.339	ISI Thomson	1422-0067	Q2
161	Yousef Emamipoor, Mahmood Maziah	An efficient method in breaking of dormancy from <i>Bunium persicum</i> (Boiss) Fedtsch seeds: a valuable her of Middle East and Central Asia	Asian Pacific Journal of Tropical Medicine	4	(8)	642-649	0.926	ISI Thomson	1995-7645	Q3
162	Zabidah Ahmad Aufa, Fouad Abdulrahman Hassan, Amin Ismail,* Barakatun Nisak Mohd Yusof, and <b>Muhajir Hamid</b>	Chemical Compositions and Antioxidative and Antidiabetic Properties of Underutilized Vegetable Palm Hearts from <i>Plectocomiopsis geminiflora</i> and <i>Eugeissona insignis</i>	Journal of Agricultural and Food Chemistry	62	—	2077-2084	3.107	ISI Thomson	0021-8561	Q1
163	Zahra Ajdari, Maaruf Abd Ghani,Mohd Khan Ayob, Saadi Bayat, Mazlin Mokhtar, Sahar Abbasiliasi, Anahita Khorramnia, Heshu Sulaiman Rahman, Parvaneh Mehrbod, Daniel Ajdari, and <b>Arbakariya B. Ariff*</b>	Hypocholesterolemic Activity of Monascus Fermented Product in the Absence of Monacolins with Partial Purification for Functional Food Applications	The Scientific World Journal	Article ID 252647	-	1-12	1.730	ISI Thomson	1537-744X	Q1
164	Zuraidah Zanirun*, Ezyana Kamal Bahrin, Phang Lai-Yee, Mohd Ali Hassan and <b>Suraini Abd-Aziz</b>	Effect of Physical and Chemical Properties of Oil Palm Empty Fruit Bunch, Decanter Cake and Sago	Appl Biochem Biotechno	172	-	423-435	1.893	ISI Thomson	0273-2289	Q4