

SENARAI JURNAL BERWASIT 2015
FAKULTI BIOTEKNOLOGI & SAINS BIOMOLEKUL

BIL	PENULIS	TAJUK ARTIKEL	TAJUK JURNAL	VOLUME	ISU	MUKA SURAT	IMPACT FACTOR	INDEXING	ISSN	KUARTIL (RANKING)
1	Muhammad Nadeem Akhtar, Nurshafika M. Sakeh, Seema Zareen, Sana Gul, Kong Mun Lo, Zaheer Ul-Haq, Syed Adnan Ali Shah, Syahida Ahmad	Design and synthesis of chalcone derivatives as potent tyrosinase inhibitors and their structural activity relationship	Journal of Molecular Structure	1085 (2015)		97-103	1.6	ISI Thomson	0022-2860	Q3
2	Gunasekaran Baskaran, Shamala Salvamani, Siti Aqlima Ahmad, Noor Azmi Shaharuddin, Parveen Devi Pattiram, Mohd Yunus Shukor	HMG-CoA reductase inhibitory activity and phytocomponent investigation of <i>Basella alba</i> leaf extract as a treatment for hypercholesterolemia	Drug Design, Development and Therapy	2015	9	509-517	3.026	ISI Thomson	1177-8881	Q2
3	Farrah Aini Dahalan, Norhayati Abdullah, Ali Yuzir, Gustaf Olsson, Salmiati, Myzairah Hamdzah, Mohd Fadhil Mohd Din, Siti Aqlima Ahmad , Khalilah Abdul Khalil, Aznah Nor Anuar, Zainura Zainon Noor, Zaini Ujang.	A proposed aerobic granules size development scheme for aerobic granulation process	Bioresource Technology	181	2015	291-296	5.039	ISI Thomson	0960-8524	Q1
4	Bahman Navidshad, Juan Boo Liang, Mohammad Fasaleh Jahromi, Amir Akhlaghi, Norhani Abdullah	A comparison between a yeast cell wall extract (Bio-Mos®) and palm kernel expeller as mannan-oligosaccharides sources on the performance and ileal microbial population of broiler chickens	Italian Journal of Animal Science	14:3452	1	10-15	0.604	ISI Thomson	1594-4077	Q3
5	Ab Jalil Azilah*, Norhani Abdullah , Abdul Razak Alimon, Suraini Abd-Aziz	Nutrient Enhancement of Ground Sago (<i>Metroxylon sagu</i> Rottboll) Pith by Solid State Fermentation With <i>Rhizopus oligosporus</i> for Poultry Feed	Journal of Food Research	4	2	1-15	0	Google Scholar	1594-4077	-
6	Wei Li Chen Juan Boo Liang*, Mohammed Fasaleh Jahromi, Norhani Abdullah , Yin Wan Ho, and Vincenzo Tufarelli	Enzyme Treatment Enhances Release of Prebiotic Oligosaccharides from Palm Kernel Expeller	BioResources	10	1	196-209	1.549	ISI Thomson	1930-2126	Q1
7	Ahmad Razi Othman, Norhani Abdullah* , Syahida Ahmad and Intan Safinar Ismail	Elucidation of in-vitro anti-inflammatory bioactive compounds isolated from <i>Jatropha curcas</i> L. plant root	BMC Complementary and Alternative Medicine	15	11	10 pages	1.877	ISI Thomson	1472-6882	Q2
8	Dwi Yulistiani*, Z. A. Jelan, J. B. Liang, H. Yaakub, and N. Abdullah	Effects of supplementation of mulberry (<i>Morus alba</i>) foliage and urea-rice bran as fermentable energy and protein sources in sheep fed urea-treated rice straw based diet	Asian-Australasian Journal of Animal Sciences	28	4	494-501	0.563	ISI Thomson	1011-2367	Q3

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9	Alafiatayo Akinola Adekoya, Syahida Ahmad and Mahmood Maziah*	Assessment of total phenolic compounds and In vitro free radical scavenging potentials of water extracts of ten selected species of Zingiberaceae rhizomes use in folkloric medicine	Pakistan Journal of pharmaceutical sciences				0.95	ISI Thomson	1011-601X	Q4
10	Daryush Talei,*Alireza Valdiani Mahmood Maziah,* Sreenivasa Rao Sagineedu and Rambod Abiri	Salt stress-induced protein pattern associated with photosynthetic parameters and andrographolide content in Andrographis paniculata Nees	Bioscience, Biotechnology, and Biochemistry	79	1	51–58	1.206	ISI Thomson	0916-8451	Q3
11	Muhammad Mahmudul Hasana, Mohd Y. Rafia, Mohd R. Ismail, * Maziah Mahmood , Harun A.Rahim, Md. Amirul Alama, Sadegh Ashkani, Md. Abdul Malek & Mohammad Abdul Latif.	Marker-assisted backcrossing: a useful method for rice improvement.	Biotechnology & Biotechnological Equipment.	29	2	237-254	0.379	ISI Thomson	1310-2818	Q4
12	P. Azizi , M.Y. Rafii , * M. Maziah , S.N.A. Abdullah , M.M. Hanafi , M.A. Latif , A.A. Rashid , M. Sahebi	Understanding the shoot apical meristem regulation: A study of the phytohormones, auxin and cytokinin, in rice	Mechanisms of development	135 (2015)		1–15	2.238	ISI Thomson	0925-4773	Q3
13	Chui Yao Teh, * Maziah Mahmood , Noor Azmi Shaharuddin, Chai Ling Ho	In vitro rice 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 Regul	75		771–781	1.625	ISI Thomson	0167-6903	Q2
14	Birifdzi Zimisuhara, Alireza Valdiani, Noor Azmi Shaharuddin, Faridah Qamaruzzaman, * Mahmood Maziah	Structure and principal components analyses revealed an intervarietal fusion in Malaysian mistletoe fig (<i>Ficus deltoidea</i> jack) populations	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES				2.339	ISI Thomson	1422-0067	Q2
15	Rambod Abiri, Alireza Valdiani, * Mahmood Maziah , Noor Azmi Shaharuddin, Mahbod Sahebi, Zetty Norhana Balia Yusof, Narges Atabaki, Daryush Talei	A critical review of the concept of transgenic plants: Insights into pharmaceutical biotechnology and molecular farming	Current Issues in Molecular Biology	18	-	21-42	6.000	ISI Thomson	1467-3037	Q1
16	Nasiruddeen U Matazu, Mohamed R Ismail, Noor Azmi Shaharuddin, * Maziah Mahmood	Metabolic fingerprinting of embryogenic and organogenic maize (<i>Zea mays</i>) callus lines using ¹ H-NMR	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES				2.339	ISI Thomson	1422-0067	Q2
17	Zetty Norhana Balia Yusof*, Farrah Payyadhah Borhan, Fatimatul Azma Mohamad and Mohd Hefni Rusli	The effect of ganoderma boninense infection on the expressions of thiamine (vitamin B1) biosynthesis genes in oil palm (<i>Elaeis guineensis</i>).	Journal of Oil Palm Research	27	1	12-18.	0.177	ISI Thomson	1511-2780	Q3
18	Swi See Ang, Abu Bakar Salleh*,Adam Leow Thean Chor, Yahaya M. Normi, Bimo ArioTejo, and Mohd Basyaruddin Abdul Rahman	Molecular characterization, modeling and docking of CYP107CB2 from <i>Bacillus lehensis</i> G1, an alkaliophile	Computational Biology and Chemistry	56		19 - 29	1.595	ISI Thomson	1476-9271	Q2

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19	Katherine L. Campion, Wanda D. McCormick, Jim Warwicker, Mohd Ezuan Bin Khayat , Rebecca Atkinson-Dell, Martin C. Steward, Leigh W. Delbridge, Hee-Chang Mun, Arthur D. Conigrave, and Donald T. Ward	Pathophysiologic Changes in Extracellular pH Modulate Parathyroid Calcium-Sensing Receptor Activity and Secretion via a Histidine Independent Mechanism	Journal of the American society of nephrology	26	9	2163-2171	9.466	ISI Thomson	1046-6673	Q1
20	Polina L. Yarova, Alecia L. Stewart, Venkatachalem Sathish, Rodney D. Britt Jr., Michael A. Thompson, Alexander P. P. Lowe, Michelle Freeman, Bharathi Aravamudan, Hirohito Kita, Sarah C. Brennan, Martin Schepelmann, Thomas Davies, Sun Yung, Zakky Cholisoh, Emma J. Kidd, William R. Ford, Kenneth J. Broadley, Katja Rietdorf, Wenhan Chang, Mohd E. Bin Khayat , Donald T. Ward, Christopher J. Corrigan, Jeremy P. T. Ward, Paul J. Kemp, Christina M. Pabelick, Y. S. Prakash, Daniela Riccardi	Calcium-sensing receptor antagonists abrogate airway hyperresponsiveness and inflammation in allergic asthma	Science translational medicine	7	284	1-13	14.414	ISI Thomson	1946-6234	Q1
21	Nur Annies Abd Hadi, Siti Nor Akmar Abdullah, Azzreena Mohamad Azzeme , Ahmed Al-Shanfari and Halimi Mohd Saud	Effects of Over-Expressing Ethylene Responsive Transcription Factor on Expression of Selected Fruit Ripening-Related Genes in Oil Palm (<i>Elaeis guineensis</i> Jacq.) Mesocarp	Pertanika Journal of Tropical Agriculture Science	38	1	143 – 159	0	Scopus	1511-3701	-
22	Nyo Nyo Mar , Takayuki Umemoto, Siti Nor Akmar Abdullah, Maziah M.	Chain Length Distribution of Amylopectin and Physicochemical Properties of Starch in Myanmar Rice Cultivars	International Journal of Food Properties	18	-	1719–1730	0.906	ISI Thomson	1094-2912 print/1532-2386 online	Q3
23	Parisa Azizi, Mohd Y. Rafii, Maziah Mahmood , Siti N. A. Abdullah , Mohamed M. Hanaf , Naghmeh Nejat , Muhammad A. Latif , Mahbod Sahebi	Differential Gene Expression Reflects Morphological Characteristics and Physiological Processes in Rice Immunity against Blast Pathogen <i>Magnaporthe oryzae</i>	PLoS ONE	10	5	1-18	3.534	ISI Thomson	1932-6203	Q1
24	Parisa Azizi, Mohd Y. Rafii, Maziah Mahmood , Mohamed M. Hanafi , Siti Nor Akmar Abdullah , Rambod Abiri , Mahbod Sahebi	Highly efficient protocol for callogenesis, somagenesis and regeneration of Indica rice plants.	Comptes Rendus Biologies	338	7	463-470	1.681	ISI Thomson	1631-0691	Q3
25	Siti Aqlima Ahmad , Mohd Yunus Shukor, Nor Aripin Shamaan, Nor Arina Ab Rahman, Farrah Aini Dahalan, Khalilah Abdul Khalil and Mohd Arif Syed	Effects of Pesticides and Respiratory Inhibitors on Phenol Degradation by Acinetobacter sp. strain AQ5NOL 1 Immobilized in Gellan Gum	Journal of Pure and Applied Microbiology	9	-	489-495	0.073	ISI Thomson	0973-7510	Q4

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26	Siti Nurbaya Oslan, Abu Bakar Salleh* , Raja Noor Zaliha Raja Abd Rahman, Thean Chor Leow, Hafizah Sukamat and Mahiran Basri	A newly isolated yeast as an expression host for recombinant lipase	Cellular & Molecular Biology Letters	20	2015	279-293	1.782	ISI Thomson	1425-8153	Q4
27	Sivasangkary Gandhi, Abu Bakar Salleh , Raja Noor Zaliha Raja Abd Rahman, Thean Chor Leow, and Siti Nurbaya Oslan	Expression and Characterization of <i>Geobacillus stearothermophilus</i> SR74 Recombinant α -Amylase in <i>Pichia pastoris</i>	BioMed Research International	2015	-	1-9	0	ISI Thomson	2314-6133	-
28	Salihu Ibrahim, Mohd Yunus Shukor, Mohd Arif Syed, Wan Lutfi Wan Johari and Siti Aqlima Ahmad	Characterisation and growth kinetics studies of caffeine-degrading bacterium <i>Leifsonia</i> sp. strain SIU	Annals of Microbiology	-	-	on-line	1.039	ISI Thomson	1590-4261	Q4
29	Norazah Mohammad Nawawi, Siti Aqlima Ahmad* , Mohd Yunus Shukor, Mohd Arif Syed and Abdul Latif Ibrahim	Immobilised Rhodococcal Cells: A Competent Approach for Phenol Degradation by <i>Rhodococcus</i> sp. NAM 81	Journal of Pure and Applied Microbiology	9	2	1301-1316	0.073	ISI Thomson	0973-7510	Q4
30	Mohd Khalizan Sabullah, Mohd Yunus Abd. Shukor, Nor Aripin Shamaan, Ariff Khalid, Azlan Jualang Ganzau, Mohd Rosni Sulaiman, Hussain Jirangon and Siti Aqlima Ahmad*	Purification and Anticholinesterase Sensitivity of Cholinesterase Extracted from Liver Tissue of <i>Puntius Javanicus</i>	International Journal of Agriculture & Biology	17	5	1025-1030	0.902	ISI Thomson	1560-8530	Q2
31	Salihu Ibrahim, Mohd Yunus Shukor, Khalilah Abdul Khalil, Mohd Izuan Effendi Halmi, Mohd Arif Syed and Siti Aqlima Ahmad .	Application of response surface methodology for optimising caffeine-degrading bacterium <i>Leifsonia</i> sp. strain SIU	Journal of Environmental Biology	36	5	1215-1221	0.553	ISI Thomson	0254-8704	Q4
32	Ahmad, S.A. , Ibrahim, S., Shukor, M.Y., Johari, W.L.W., Rahman, N.A.A., Syed, M.A.	Biodegradation kinetics of caffeine by <i>Leifsonia</i> sp. Strain siu.	Journal of Chemical and Pharmaceutical Sciences	8	2	312-316	-	Scopus	0974-2115	-
33	Azri, M.F.D.B., Zulkharnain, A.B., Husaini, A.A. AS.A., Ahmad, S.A.B	The degradation of carbazole and the production of ligninolytic enzyme by isolated marine fungi	Journal of Chemical and Pharmaceutical Sciences	8	2	330-335	-	Scopus	0974-2116	-
34	Yusuf, I., Shukor, M.Y., Syed, M.A., Yee P.L., Shamaan, N.A., Ahmad, S.A.	Investigation of keratinase activity and feather degradation ability of immobilised <i>Bacillus</i> sp. Khayat in the presence of heavy metals in a semi continuous fermentation.	Journal of Chemical and Pharmaceutical Sciences	8	2	342-347	-	Scopus	0974-2117	-

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35	Norazah, M.N., Jayasree, N., Ahmad, S.A. , Shukor, M.Y., Abdul Latif, I.	Disrupting Rhodococcus sp: A competent method for genomics and proteomics.	Journal of Chemical and Pharmaceutical Sciences	8	2	336-341	-	Scopus	0974-2118	-
36	Sabullah, M.K., Ahmad, S.A. , Shukor, M.Y., Shamaan NA., Khalid A., Gansau AJ., Dahalan, F.A., Sulaiman, M.R.	Acetylcholinesterase from Puntius javanicus for the detection of carbamates and organophosphates.	Journal of Chemical and Pharmaceutical Sciences	8	2	348-353	-	Scopus	0974-2119	-
37	Hayat NM., Shamaan NA., Shukor MY., Sabullah MK., Syed MA., Khalid A., Dahalan FA., Khalil KA., Ahmad S.A.	Cholinesterase-based biosensor using Lates calcarifer (Asian Seabass) brain for detection of heavy metals.	Journal of Chemical and Pharmaceutical Sciences	8	2	376-381	-	Scopus	0974-2120	-
38	Karamba, K.I., Shukor, M.Y., Syed, M.A., Zulkharnain A., Yasid NA., Khalil, K.A., Ahmad, S.A.	Isolation, screening and characterisation of cyanide-degrading <i>Serratia marcescens</i> strain aq07	Journal of Chemical and Pharmaceutical Sciences	8	2	401-406	-	Scopus	0974-2121	-
39	Suhaili Shamsi , Yan Chen, Lee Yong Lim	Characterization and biological properties of NanoCUR formulation and its effect on major human cytochrome P450 enzymes	International Journal of Pharmaceutics	495	2015	194–203	3.785	ISI Thomson	0378-5173	Q1
40	Roswanira Abdul Wahaba, Mahiran Basri, Raja Noor Zaliha Raja Abdul Rahman, Abu Bakar Salleh , Mohd Basyuruddin Abdul Rahman, Thean Chor Leow	Development of a catalytically stable and efficient lipase through an increase in hydrophobicity of the oxyanion residue	Journal of Molecular Catalysis B: Enzymatic	122	2015	282–288	2.745	ISI Thomson	1381-1177	Q2
41	Maryam Zahaba, Mohd Izuan Effendi Halmi, Siti Aqlima Ahmad , Mohd Yunus Shukor and Mohd Arif Syed	Isolation and characterization of luminescent bacterium for sludge biodegradation.	Journal of Environmental Biology	36	6	1255-1261	0.553	ISI Thomson	0254-8704	Q4
42	Ehsan Oskoueian , Norhani Abdullah* , Idrus Zulkifli, Mahdi Ebrahimi, Ehsan Karimi, Yong Meng Goh, Armin Oskoueian and Majid Shakeri	Cytoprotective effect of palm kernel cake phenolics against aflatoxin B1-induced cell damage and its underlying mechanism of action	BMC Complementary and Alternative Medicine	2015	15	392-404	1.877	ISI Thomson	1472-6882	Q2
43	Mohd Khalizan Sabullah, Mohd Rosni Sulaiman, Mohd Yunus Abd Shukor, Nor Aripin Shamaan, Ariff Khalid and Siti Aqlima Ahmad	in vitro and in vivo effects of <i>Puntius javanicus</i> <td>Fresenius Environmental Bulletin</td> <td>24</td> <td>12b</td> <td>4615-4621</td> <td>0.527</td> <td>ISI Thomson</td> <td>1018-4619</td> <td>Q4</td>	Fresenius Environmental Bulletin	24	12b	4615-4621	0.527	ISI Thomson	1018-4619	Q4

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44	Gunasekaran Baskaran, Shamala Salvamani, Azrina Azlan, Siti Aqlima Ahmad, Swee Keong Yeap, and Mohd Yunus Shukor	Hypocholesterolemic and Antiatherosclerotic Potential of <i>Basella alba</i> Leaf Extract in Hypercholesterolemia-Induced Rabbits	Evidence-Based Complementary and Alternative Medicine	2015	-	http://dx.doi.org/10.1155/2015/751714 (online)	2.175	ISI Thomson	1741-427X	Q2
45	Mohammad Faseleh Jahromi, Juan Boo Liang, Norhani Abdullah , Yong Meng Goh, Rohollah Ebrahimi and Parisa Shokryazdan	Extraction and Characterization of Oligosaccharides from Palm Kernel Cake as Prebiotic	Bioresources	11	1	674-695	1.549	ISI Thomson	1930-2126	Q1
46	Clement WKF, Lai KS, Wong MY, and *Maziah M.	Efficient regeneration and Agrobacterium-mediated transformation protocol for recalcitrant <i>indica</i> rice (<i>Oryza sativa L.</i>)	Emirates Journal of Food and Agriculture	27	11	837-848	-	Scopus	2079-0538	-
47	Sabullah MK, Sulaiman MR, Shukor MS, Yusof MT, Johari WLW, Shukor MY, *Syahir A	Heavy metals biomonitoring via inhibitive assay of acetylcholinesterase from <i>Periophthalmodon schlosseri</i> .	Rendiconti Lincei	26	2	151-158	0.757	ISI Thomson	2037-4631	Q3
48	Susan Azizi*, Farideh Namvar, Rosfarizan Mohamad , Paridah Md Tahir, Mahnaz Mahdavi	Facile biosynthesis and characterization of palm pollen stabilized ZnO nanoparticles	Materials Letters	148	2015	106-109	2.269	Isi Thomson	0167-577X	Q1
49	Farideh Namvar*, Heshu Sulaiman Rahman, Rosfarizan Mohamad , Susan Azizi, Paridah Mohd Tahir, Max Stanley Chartrand and Swee Keong Yeap	Cytotoxic Effects of Biosynthesized Zinc Oxide Nanoparticles on Murine Cell Lines	<i>Evidence-based Complementary and Alternative Medicine</i>	Article ID 593014	2015	1-11	2.175	Isi Thomson	1741-427X	Q2
50	Yoon Yee Then, Nor Azowa Ibrahim*, Norhazlin Zainuddin, Buong Woei Chieng, Hidayah Ariffin , Wan Md Zin Wan Yunus	Influence of Alkaline-Peroxide Treatment of Fiber on the Mechanical Properties of Oil Palm Mesocarp Fiber/Poly(butylene succinate) Biocomposite	<i>BioResources</i>	10	1	1730-1746	1.549	Isi Thomson	1930-2126	Q1
51	Yoon Yee Then, Nor Azowa Ibrahim*, Norhazlin Zainuddin, Hidayah Ariffin , Wan Md Zin Wan Yunus, Buong Woei Chieng	Static mechanical, interfacial, and water absorption behaviors of alkali treated oil palm mesocarp fiber reinforced poly(butylene succinate) biocomposites	<i>BioResources</i>	10	1	123-136	1.549	Isi Thomson	1930-2126	Q1
52	Harmaen, A.S., Khalina, A.*, Azowa, I., Hassan, M.A. , Tarmian, A., Jawaid, M	Thermal and biodegradation properties of poly(lactic acid)/fertilizer/oil palm fibers blends biocomposites	<i>Polymer Composites</i>	36	3	576-583	1.455	Isi Thomson	0272-8397	Q2
53	Joo Choo Low, Rasmina Halis*, Umi Kalsom Md Shah , Paridah Tahir, Faizah Abood, Tuhaila Tukimin, Muhammad Danial Idris, Lakarim Lanika, and Norhaslida Razali	Enhancing enzymatic digestibility of alkaline pretreated banana pseudostem for sugar production Enhancing enzymatic digestibility of alkaline pretreated banana pseudostem for sugar production	<i>Fpathophysiologic</i>	10	1	1213-1223	1.549	Isi Thomson	1930-2126	Q1
54	Ahmad Amiruddin Mohd Ali, Mohd Ridzuan Othman, Yoshihito Shirai, Mohd Ali Hassan, *	Sustainable and integrated palm oil biorefinery concept with value-addition of biomass and zero emission system	<i>Journal of Cleaner Production</i>	91	2015	96-99	3.590	Isi Thomson	0959-6526	Q1

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55	Juferi Idris, Yoshihito Shirai, Yoshito Andou, Ahmad Amiruddin Mohd Ali, Mohd Ridzuan Othman, Izzudin Ibrahim, Mohd Ali Hassan*	Self-sustained carbonization of oil palm biomass produced an acceptable heating value charcoal with low gaseous emission	<i>Journal of Cleaner Production</i>	89	2015	257-261	3.590	Isi Thomson	0959-6527	Q1
56	Mior Ahmad Khushairi Mohd Zahari, Hidayah Ariffin, Mohd Noriznan Mokhtar, Jailani Salihon, Yoshihito Shirai, Mohd Ali Hassan*	Case study for a palm biomass biorefinery utilizing renewable non-food sugars from oil palm frond for the production of poly(3-hydroxybutyrate) bioplastic	<i>Journal of Cleaner Production</i>	87	2015	284-290	3.590	Isi Thomson	0959-6528	Q1
57	Sharifah Soplah Syed Abdullah, Yoshihito Shirai, Ezyana Kamal Bahrin, Mohd Ali Hassan*	Fresh oil palm frond juice as a renewable, non-food, non-cellulosic and complete medium for direct bioethanol production	<i>Industrial Crops and Products</i>	63	2015	357-361	3.208	Isi Thomson	0926-6690	Q1
58	Mohamad Faizal Ibrahim* , Suraini Abd-Aziz, Mohd. Ezreeza Mohamed Yusoff, Lai Yee Phang, Mohd Ali Hassan	Simultaneous enzymatic saccharification and ABE fermentation using pretreated oil palm empty fruit bunch as substrate to produce butanol and hydrogen as biofuel	<i>Renewable Energy</i>	77	2015	447-455	3.361	Isi Thomson	0960-1481	Q2
59	Mohd Rafein Zakaria* , Satoshi Hirata a, Mohd Ali Hassan	Hydrothermal pretreatment enhanced enzymatic hydrolysis and glucose production from oil palm biomass	<i>Bioresource Technology</i>	176	2015	142-148	5.039	Isi Thomson	0960-8524	Q1
60	Mohd Rafein Zakaria* , Mohd Nor Faiz Norrrahim, Satoshi Hirata, Mohd Ali Hassan	Hydrothermal and wet disk milling pretreatment for high conversion of biosugars from oil palm mesocarp fiber	<i>Bioresource Technology</i>	181	2015	263-269	5.039	Isi Thomson	0960-8524	Q1
61	Azin Amiri, Rosfarizan Mohamad* , Raha Abdul Rahim, Rosli Md. Illias, Farideh Namvar, Joo Shun Tan & Sahar Abbasiliasi	Cyclodextrin glycosyltransferase biosynthesis improvement by recombinant <i>Lactococcus lactis</i> NZ: NSP:CGT: medium formulation and culture condition optimization	<i>Biotechnology & Biotechnological Equipment</i>	29	3	555-563	0.379	Isi Thomson	1310-2818	Q4
62	Zuxing He, Joo Shun Tan, Oi Ming Lai, Arbakariya B. Arif*	Optimization of conditions for the single step IMAC purification of miraculin from <i>Synsepalum dulcificum</i>	<i>Food Chemistry</i>	181	2015	19-24	3.259	Isi Thomson	0308-8146	Q1
63	Nurashikin Suhaili, Joo Shun Tan, Mohd Shamzi Mohamed, Murni Halim, A. B . Ariff*	Effects of dual impeller system of Rushton turbine, concave disk turbine and their combinations on the performance of kojic acid fermentation by <i>Aspergillus flavus</i> Link 44-1	<i>Asia- Pacific Journal Of Chemical Engineering</i>	10	1	65-74	0.623	Isi Thomson	1932-2135	Q3
64	S. K. Ang, Adibah Yahya, Suraini Abd Aziz , Madihah Md Salleh*	Isolation, Screening, and Identification of Potential Cellulolytic and Xylanolytic Producers for Biodegradation of Untreated Oil Palm Trunk and Its Application in Saccharification of Lemongrass Leaves	<i>Preparative Biochemistry & Biotechnology</i>	45	-	279-305	0.699	Isi Thomson	1082-6068	Q4

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65	Yee-Ying Lee, Teck-Kim Tang, Eng-Tong Phuah, Nur Azwani Ab Karim, Siti Maslina Mohd Alwi and Oi-Ming Lai*	Palm-based medium-and-long-chain triacylglycerol (P-MLCT) production via enzymatic interesterification and optimization using response surface methodology (RSM)	<i>Journal of Food Science and Technology</i>	5	2	685-696	2.024	Isi Thomson	0022-1155	Q2
66	Halimatun Saadiah Hafid, Nor'Aini Abdul Rahman* , Umi Kalsom Md Shah, Azhari Samsu Baharudin	Enhanced fermentable sugar production from kitchen waste using various pretreatments	<i>Journal of Environmental Management</i>	156	2015	290-298	3.188	Isi Thomson	0301-4797	Q1
67	Eng-Tong Phuah, Teck-Kim Tang, Yee-Ying Lee, Thomas Shean-Yaw Choong, Chin-Ping Tan, Oi-Ming Lai*	Review on the Current State of Diacylglycerol Production Using Enzymatic Approach	<i>Food Bioprocess Technology</i>	8	6	1169-1186	3.126	Isi Thomson	1935-5130	Q1
68	Kareem K.Y., Foo H.L. , Anjas, A. S., Loh T.C., HennyA., Nazim R.A., Ooi M.F.	Carcass, meat and bone quality of broiler chickens fed with postbiotic and prebiotic combination	<i>International Journal of probiotics and prebiotics</i>	10	1	23-30	0	Scopus	1555-1431	-
69	Nur Falia Shazana Manja Farid, Hidayah Ariffin* , Mohd Rahimi Zakaria Mamat, Mior Ahmad Khushairi Mohd Zahari and Mohd Ali Hassan.	Non-solvent-based pretreatment of poly(3-hydroxybutyrate) for improved bio-based crotonic acid production.	RSC Advances	5		33546–33553	3.708	Thomson ISI	2046-2069	Q1
70	Mohd Rafein Zakaria , Satoshi Hirata, Shinji Fujimoto, Mohd Ali Hassan	Combined pretreatment with hot compressed water and wet disk milling opened up oil palm biomass structure resulting in enhanced enzymatic digestibility	<i>Bioresource Technology</i>	193	2015	128-134	5.039	Thomson ISI	0960-8524	Q1
71	M. F. Ibrahim, S. Linggang, M. A. Jenol, P. Lai Yee, and S. Abd-Aziz.	Effect of buffering system on acetone-butanol-ethanol fermentation by <i>Clostridium acetobutylicum</i> ATCC824 using pretreated oil palm empty fruit bunch	<i>BioResources</i>	10	3	3890-3907	1.549	Thomson ISI	1930-2126	Q1
72	Mumtazah Ibrahima, Norjan Yusofa, Mohd Zulkhairi Mohd Yusoff, Mohd Ali Hassan	Enrichment of anaerobic ammonium oxidation (anammox) bacteria for short start-up of the anammox process: a review	Desalination and Water Treatment	-	-	1-20	0.987	ISI Thomson	1944-3994	Q3
73	Huey Kheng Tan, Hooi Ling Foo* , Teck Chwen Loh, Noorjahan Banu Mohamed Alitheen and Raha Abdul Rahim	Cytotoxic effect of proteinaceous postbiotic metabolites produced by <i>Lactobacillus plantarum</i> I-UL4 cultivated in different media composition on MCF-7 breast cancer cell	<i>Malaysian Journal of Microbiology</i>	11	2	207-214	0	Scopus	1823-8262	-
74	May Foong Ooi, Nurzafirah Mazlan, Hooi Ling Foo* , Teck Chwen Loh, Rosfarizan Mohamad, Raha Abdul Rahim and Arbakariya Ariff	Effects of carbon and nitrogen sources on bacteriocin-inhibitory activity of postbiotic metabolites produced by <i>Lactobacillus plantarum</i> I-UL4	<i>Malaysian Journal of Microbiology</i>	11	2	176-184	0	Scopus	1823-8262	-

BIL	PENULIS	TAJUK ARTIKEL	TAJUK JURNAL	VOLUME	ISU	MUKA SURAT	IMPACT FACTOR	INDEXING	ISSN	KUARTIL (RANKING)
75	N.R. Abdullah, T.C. Loh, H. Akit, A.Q. Sazili, H.L. Foo , R. Mohamad, Abdul Rahim, M. Ebrahimi7 & A.B. Sabow	Fatty acid profile, cholesterol and oxidative status in broiler chicken breast muscle fed different dietary oil sources and calcium levels	<i>South African Journal of Animal Science</i>	45	2	153-163	0.345	ISI Thomson	0375-1589	Q3
76	Hui Fong Tai, Hooi Ling Foo* , Raha Abdul Rahim, Teck Chewn Loh, Mohd. Puad Abdullah, and Kimura Yoshinobu	Molecular characterisation of new organisation of plnEF and plw loci of bacteriocin genes harbour concomitantly in <i>Lactobacillus plantarum</i> I-UL4	<i>Microbial Cells Factories</i>	14	89	1-13	4.250	ISI Thomson	1475-2859	Q1
77	Anan Kumar Inthiram, Syed Hamed Mirhosseini, Tan Chin Ping, Rosfarizan Mohamad and Lai Oi Ming	Application of Multivariate Analysis for Detection of Crude Palm Oil Adulteration through Fatty Acid Composition and Triacylglycerol Profile	<i>Pertanika Journals - TROPICAL AGRICULTURAL SCIENCE</i>	38	3	389 - 398	0	Scopus	1511-3701	-
78	Parisa Ghorbani, Mozhgan Soltani, Masoud Homayouni-Tabrizi , Farideh Namvar, Susan Azizi, Rosfarizan Mohammad* , and Amin Boroumand Moghaddam	Sumac Silver Novel Biodegradable Nano Composite for Bio-Medical Application: Antibacterial Activity	<i>molecules</i>	2015	20	12946-12958	2.095	ISI Thomson	1420-3049	Q3
79	Nuruljannah Khairuddin, Latifah Abd Manaf, Mohd Ali Hassan , Normala Halimoon, Wan Azlina Wan Ab Karim	Biogas Harvesting from organic fraction of municipal solid waste as a renewable energy resource in Malaysia: A Review	<i>Polish Journal of Environmental Studies</i>	24	4	1477-1490	0.600	ISI Thomson	1230-1485	Q4
80	Zuraidah Zanirun, Ezyana Kamal Bahrin, Phang Lai-Yee, Mohd Ali Hassan, Suraini Abd-Aziz*	Enhancement of fermentable sugars production from oil palm empty fruit bunch by ligninolytic enzymes mediator system	<i>International Biodeterioration & Biodegradation</i>	105	-	13-20	2.235	ISI Thomson	0964-8305	Q2
81	Chiu Shyan Soo, Wai-Sum Yap, Wei-Min Hon, Lai-Yee Phang	Mini review: hydrogen and ethanol co-production from waste materials via microbial fermentation	<i>World Journal of Microbiology and Biotechnology</i>	31	10	1475-1488	1.353	ISI Thomson	0959-3993	Q3
82	Amin Boroumand Moghaddam, Farideh Namvar, Mona Moniri 1, Paridah Md. Tahir, Susan Azizi and Rosfarizan Mohammad*	Nanoparticles Biosynthesized by Fungi and Yeast: A Review of Their Preparation, Properties, and Medical Applications	<i>molecules</i>	2015	20	16540-16565	2.095	ISI Thomson	1420-3049	Q3
83	Keisaku Yamashiro, Hidayah Ariffin and Haruo Nishida*	Tar-free and Benzo[a]pyrene-free Hydrothermal Liquefaction of Bamboo and Antibacterial Property of Recovered Vinegar	<i>Chemistry Letters</i>	44	-	1342-1344	1.300	ISI Thomson	0366-7022	Q3
84	Yoon Yee Then, Nor Azowa Ibrahim*, Norhazlin Zainuddin, Hidayah Ariffin , Buong Woei Chieng, Wan Md Zin Wan Yunus	Influence of fiber content on properties of oil palm mesocarp fiber/poly(butylene succinate) biocomposites	<i>Bioresources</i>	10	2	2949-2968	1.549	ISI Thomson	1930-2126	Q1
85	Yoon Yee Then, Nor Azowa Ibrahim*, Norhazlin Zainuddin, Buong Woei Chieng, Hidayah Ariffin , Wan Md Zin Wan Yunus	Effect of 3-aminopropyltrimethoxysilane on chemically modified oil palm mesocarp fiber/poly(butylene succinate) biocomposite	<i>Bioresources</i>	10	2	3577-3601	1.549	ISI Thomson	1930-2126	Q1

BIL	PENULIS	TAJUK ARTIKEL	TAJUK JURNAL	VOLUME	ISU	MUKA SURAT	IMPACT FACTOR	INDEXING	ISSN	KUARTIL (RANKING)
86	Noor Ida Amalina Ahamad Nordin, Hidayah Ariffin* , Mohd Ali Hassan, Nor Azowa Ibrahim, Yoshihito Shirai, Yoshito Ando	Effect of Milling Methods on Tensile Properties of Polypropylene / Oil Palm Mesocarp Fiber Biocomposite	<i>Pertanika Journal of Science and Technology</i>	23	2	325-337	0.000	Scopus	0128-7680	-
87	Yee-Ying Lee ,Teck-Kim Tang, Chin-ping Tan, Noorjahan Banu Mohamed Alitheen, Eng-Tong phuah, Nur Azwani Ab Karima, Oi-Ming Lai	Entrapment of Palm-Based Medium- and Long-Chain Triacylglycerol via Maillard Reaction Product	<i>Food Bioprocess Technology</i>	2015	8	1571-1582	3.126	Isi Thomson	1935-5130	Q1
88	S.K. Ang, Y. Adibah, S. Abd-Aziz and M.S. Madihah.	Potential uses of xylanase-rich lignocellulolytic enzymes cocktail from oil palm trunk (OPT) degradation and lignocellulosic ethanol production	<i>Energy & Fuels</i>	2015	29	5103-5116	2.733	Isi Thomson	0887-0624	Q2
89	Nur Azwani Ab Karim, Ahmadilfitri Md Noor, Yee-Ying Lee, and Oi-Ming Lai	Stability of Silica- and Enzyme-Treated Palm Oil Under Deep Frying Conditions	<i>Journal of Food Science</i>	80	12	2678-2685	1.791	Isi Thomson	0022-1147	Q2
90	Nazim Rasul Abdulla, Amirah Nabilah Mohd Zamri, Azad Behnan Sabow, Karwan Yaseen Kareema, Shazali Nurhazirah , Foo Hooi Ling , Awis Qurni Sazili, and Teck Chwen Loh	Physico-chemical properties of breast muscle in broiler chickens fed probiotics, antibiotics or antibiotic-probiotic mix	<i>JOURNAL OF APPLIED ANIMAL RESEARCH</i>	2015	-	DOI: 10.1080/09712119.2015.1124330	0.479	Isi Thomson	0971-2119 (Print) 0974-1844 (Online)	Q3
91	Raja Noor Zaliha Raja Abd Rahman* , Mohd. Shukuri Mohamad Ali , Shigeru Sugiyama , Adam Thean Chor Leow ,Tsuyoshi Inoue , Mahiran Basri , Abu Bakar Salleh and Hiroyoshi Matsumura	A Comparative Analysis of Microgravity and Earth Grown Thermostable T1 Lipase Crystals Using HDPCG Apparatus	<i>Protein & Peptide Letters</i>	22	2	173-179	1.735	ISI Thomson	0929-8665	Q4
92	Raja Noor Zaliha Raja Abd. Rahman* , Norsyuhada Alias, Adam Thean Chor Leow, Mohd. Shukuri Mohamad Ali, Asilah Ahmad Tajudin and Abu Bakar Salleh	Antilipase and Antioxidant Activity of Phyllanthus niruri Methanolic Extract	<i>Australian Journal of Basic and Applied Sciences</i>	9	7	133-136	0	Excellence Research Australia (ERA)	1991-8178	-
93	Yong, C.Y., Yeap, S.K, Goh, Z.H., Ho, K.L., Omar, A.R and Tan W.S.*	Induction of humoral and cell-mediated immune responses by hepatitis B virus epitope displayed on the virus-like particles of prawn nodavirus	<i>Applied and Environmental Microbiology</i>	81	3	882-889	3.952	ISI Thomson	0099-2240	Q1
94	Yong, C.Y., Yeap, S.K, Ho, K.L., Omar, A.R and Tan W.S.*	Potential recombinant vaccine against influenza A virus based on M2e displayed on nodaviral capsid nanoparticles	<i>International Journal of Nanomedicine</i>	10	—	2751-2763	4.195	ISI Thomson	1176-9114	Q1
95	McGonigle, R., Yap, W.B., Ong, S.T., Gatherer, D., Bakker, S.E., Tan, W.S. and Bhella D	An N-terminal extension to the hepatitis B virus core protein forms a poorly ordered trimeric spike in assembled virus-like particles	<i>Journal of Structural Biology</i>	189	2	73-80	3.369	ISI Thomson	1047-8477	Q2
96	Mariam, S.H.S., Ooi, C.W., Tan, W.S. , Janna, O.A., Arbakariya, A. and Tey, B.T.	Purification of rabbit polyclonal immunoglobulin G with ammonium sulphate precipitation and mixed-mode chromatography	<i>Separation and Purification Technology</i>	144	—	133-138	3.065	ISI Thomson	1383-5866	Q1

BIL	PENULIS	TAJUK ARTIKEL	TAJUK JURNAL	VOLUME	ISU	MUKA SURAT	IMPACT FACTOR	INDEXING	ISSN	KUARTIL (RANKING)
97	Claudia E. Vickers and Suriana Sabri	Isoprene	Advances in Biochemical Engineering-Biotechnology	—	—	1-29	2.6	ISI Thomson	0724-6145	Q2
98	Mohd. Shaufi, M. A., Sieo,C. C., Chong, C. W., Gan, H. M. and Ho, Y. W.	Deciphering chicken gut microbial dynamics based on high-throughput 16S rRNA metagenomics analyses	Gut Pathogens	7	4	12	2.070	ISI Thomson	1757-4749	Q3
99	Tang, S. G. H., Sieo, C. C., Kalavathy, R., Zuhainis, W. S., Yong, S. T., Wong, H. K. and Ho, Y. W.	Chemical compositions of egg yolks and egg quality of laying hens fed prebiotic, probiotic and symbiotic diets	Journal of Food Science	8	8	Yet to publish	1.791	ISI Thomson	0022-1147	Q2
100	Nurul Hawa Ahmad, *Shuhaimi Mustafa, and Yaakob B.Che Man	Microbial Polysaccharides and Their Modification Approaches: A Review	International Journal of Food Properties	18	2	332-347	0.906	ISI Thomson	1094-2912	Q3
101	Nurul Hawa Ahmad, Jasim Ahmed, Dzulkifly M. Hashim, Yazid Abdul Manap,* Shuhaimi Mustafa.	Oscillatory and steady shear rheology of gellan/dextran blends	Journal of Food Science Technology	52	5	2902-2909	2.024	ISI Thomson	0022-1155	Q2
102	Hajaratal Najwa Mohamed, *Shuhaimi Mustafa, Anwar Fitrianto and Yazid Abd Manap. (2015).	Optimization and Characterization of Calcium Alginate/Konjac Glucomannan Beads as Oral Protein Drug Delivery System	International Journal of Current Pharmaceutical & Clinical Research	5	2	94-105	-	Google Scholar	2248-9134	-
103	A.F. Nurrulhidayah, Y.B.Che Man, I.Amin, R. Arief Salleh, M.Y. Farawahidah, M.Shuhaimi and A.Khatib	FTIR-ATR Spectroscopy Based Metabolite Fingerprinting as A Direct Determination of Butter Adulterated With Lard	International Journal of Food Properties	18	2	372-379	0.906	ISI Thomson	1094-2912	Q3
104	Sri Puvanesvari Gannasin, Noanizan Mohd. Adzhan, Mohd Yusof Hamzah, Shuhaimi Mustafa	Physicochemical properties of tamarillo (<i>Solanum betaceum Cav.</i>) hydrocolloid fractions	Food Chemistry	182	2015	292-301	3.259	ISI Thomson	0308-8146	Q1
105	Md. Mahfujur Rahman, Md. Eaqub Ali, Sharifah Bee Abd Hamid, Subha Bhassu, Shuhaimi Mustafa, Md. Al Amin, Md. Abdur Razzak	Lab-on-a-Chip PCR-RFLP Assay for the Detection of Canine DNA in Burger Formulations	Food Analytical Methods	8	6	1598-1606	1.802	ISI Thomson	1936-9751	Q2
106	Mehrnoosh Amid, Mohd Yazid Manap, Muhaini Hussin, Shuhaimi Mustafa	A Novel Aqueous Two Phase System Composed of Surfactant and Xylitol for the Purification of Lipase from Pumpkin (<i>Cucurbita moschata</i>) Seeds and Recycling of Phase Components	Molecules	20	6	11184-11201	2.095	ISI Thomson	1420-3049	Q3
107	Vahab Vaezzadeh, Mohamad Pauzi Zakaria, Aileen Tan Shau-Hwai, Zelina Zaiton Ibrahim, Shuhaimi Mustafa, Mehrzad Keshavarzifard, Sami Mohsen Magam, Sadeq	Source Type Evaluation of Polycyclic Aromatic Hydrocarbons (PAHs) in Surface Sediments from the Muar River and Pulau Merambong, Peninsular Malaysia	Environmental Forensics	16	2	135-142	0.732	ISI Thomson	1527-5922	Q4
108	Maher A.A. Abdelsamie, Russly B Abdul Rahman*, Shuhaimi Mustafa, Dzulkifly Hashim.	The relationship between environmental abundant electromagnetic fields and packing shape to their effects on the 170 NMR and Raman spectra of H ₂ O-NaCl	Journal of Molecular Structure	1092		14-21	1.599	ISI Thomson	0022-2860	Q3

BIL	PENULIS	TAJUK ARTIKEL	TAJUK JURNAL	VOLUME	ISU	MUKA SURAT	IMPACT FACTOR	INDEXING	ISSN	KUARTIL (RANKING)
109	A.R. Noor Raihana, J.M.N. Marikkar, I.Amin and M. Shuhaimi	A Review on Food Values of Selected Tropical Fruits' Seeds	International Journal of Food Properties	18		2380-2392	0.906	ISI Thomson	1094-2912	Q3
110	Ummi Kalthun Hanapi, Mohd Nasir Desa, Amin Ismail, Shuhaimi Mustafa	A higher sensitivity and efficiency of common primer multiplex PCR assay in identification of meat origin using NADH dehydrogenase subunit 4 gene	Journal of Food Science Technology	52	7	4166-4175	2.024	ISI Thomson	0022-1155	Q2
111	Nur Azira Tukiran, Amin Ismail, Shuhaimi Mustafa and Muhajir Hamid	Enzyme immunoassay for the detection of porcine gelatine in edible bird's nests	Food Additives and Contaminants Part A- Chemistry Analysis Control Exposure & Risk Assessment	32	7	1023-1028	2.341	ISI Thomson	1944-0049	Q1
112	Md. Eaqub Ali, Asing, Sharifah Bee Abd Hamid, Md. Abdur Razzak, Nur Raifana Abd Rashid, Md. Al Amin, and Shuhaimi Mustafa	A suitable method to detect potential fraud of bringing Malayan box turtle (<i>Cuora amboinensis</i>) meat into the food chain	Food Additives and Contaminants Part A- Chemistry Analysis Control Exposure & Risk Assessment	32	8	1223-1233	2.341	ISI Thomson	1944-0049	Q1
113	Muhamad, A., Ho, K.L., Abd. Rahman, M.B., Tejo, A.B., Uhrín, D. and Tan, W.S.	Hepatitis B virus peptide inhibitors: solution structures and interactions with the viral capsid	Organic & Biomolecular Chemistry	13	-	7780-7789	3.487	ISI Thomson	1477-0520	Q1
114	Lee, M.F.X., Chan, E.S., Tan, W.S., Tam, K.C. and Tey, B.T.	Negative chromatography purification of hepatitis B virus-like particles using poly(oligo(ethylene glycol) methacrylate) grafted cationic adsorbent	Journal of Chromatography A	1415	2015	161–165	4.258	ISI Thomson	0021-9673	Q1
115	Aziana A.H., Amir-Hashim M.Y. & Zuhainis S.W	Efficiency of Commercial Biological Compounds as Anticoagulant Agents in Natural Rubber Latex	Journal of Rubber Research	18	2	72-86	0.128	ISI Thomson	1511-1768	Q4
116	NORAINI ABD-AZIZ, ERIC J. STANBRIDGE and NORAZIZAH SHAFEE	Bortezomib attenuates HIF-1- but not HIF-2-mediated transcriptional activation	ONCOLOGY LETTERS	10	-	2192-2196	0.987	ISI Thomson	1792-1074	Q4
117	Wei-Choong Ch'ng & Noraini Abd-Aziz & Meng-Hua Ong & Eric J. Stanbridge & *Norazizah Shafee	Human renal carcinoma cells respond to Newcastle disease virus infection through activation of the p38 MAPK/NF-κB/IκBα pathway	Cellular Oncology	38	4	279–288	2.124	ISI Thomson	2211-3428	Q2
118	Mohd Hata E, Sijam K, Mior Ahmad ZA, Yusof MT , Azman NA	In vitro antimicrobial assay of actinomycetes in rice against <i>Xanthomonas oryzae</i> pv. <i>oryzicola</i> and as potential plant growth promoter	Brazilian Archives of Biology and Technology	58	6	821-832	0.452	ISI Thomson	1516-8913	Q4
119	A. Jamil a, H.N. Lima,b,* , N.A. Yusof b, A. Ahmad Tajudinc, N.M. Huang d, A. Pandikumar d, A. Moradi Golsheikhhd, Y.H. Leee, Y. Andouf	Preparation and characterization of silver nanoparticles-reduced graphene oxide on ITO for immunosensing platform	Sensors and Actuators B - Chemical	221	2015	1423–1432	3.84	ISI Thomson	0925-4005	Q1

BIL	PENULIS	TAJUK ARTIKEL	TAJUK JURNAL	VOLUME	ISU	MUKA SURAT	IMPACT FACTOR	INDEXING	ISSN	KUARTIL (RANKING)
120	Yeap, S., Akhtar, M.N., Lim, K.L., Abu, N., Ho, W.Y., Zareen, S., Roohani, K., Ky, H., Tan, S.W., Lajis, N., <u>Alitheen, N.B.</u>	Synthesis of an anthraquinone derivative (DHAQC) and its effect on induction of G2/M arrest and apoptosis in breast cancer MCF-7 cell line	Drug Design, Development and Therapy	9		983-992	3.026	ISI Thomson	1177-8881	Q2
121	Subramani, T, Yeap, S.K., Ho, W.Y., Ho, C.L., Osman, C.P., Ismail, N.H., Rahman, N.M.A.N.A., <u>Alitheen, N.B.</u>	Nordamnacanthal potentiates the cytotoxic effects of tamoxifen in human breast cancer cells MCF-7 human breast cancer cells induced by tamoxifen	Oncology Letters	9	1	335-340	0.987	ISI Thomson	1792-1074	Q4
122	Yeap, S.K., Beh, B.K., Ali, N.M., Yusof, H.M., Ho, W.Y., Koh, S.P., Alitheen, N.B., Long, K.	Antistress and antioxidant effects of virgin coconut oil in vivo	Experimental and Therapeutic Medicine	9	1	39-42	0.941	ISI Thomson	1792-0981	Q4
123	Ho, W.Y, Yeap, S., Liang, W.S., Beh, B.K., Mohamad, N., <u>Alitheen, N.B.</u>	In vitro antioxidant and in vivo hepatoprotective effect on Ethanolmediated liver damage of spray dried Vernonia amygdalina water extract	Pakistan Journal of Pharmaceutical Sciences	28	1	15-22	0.95	ISI Thomson	1011-601X	Q4
124	Rasoli, M. , Yeap, S.K. , Tan, S.W. , Roohani, K. , Kristeen-Teo, Y.W. , Alitheen, N.B., Rahaman, Y.A. , Aini, I. , Bejo, M.H. , Kaiser, P., Omar, A.R.	Differential modulation of immune response and cytokine profiles in the bursae and spleen of chickens infected with very virulent infectious bursal disease virus	BMC Veterinary Research	75	11	doi:10.1186/s12917-015-0377-x	1.743	ISI Thomson	1746-6148	Q1
125	Subramani, T., Rathnavelu, V., Alitheen, N.B. , Padmanabhan, P.	Cellular crosstalk mechanism of Toll-like receptors in gingival overgrowth (Review)	International Journal of Molecular Medicine	35	5	1151-1158	1.88	ISI Thomson	1107-3756	Q3
126	Mohamad, N.E., Abu, N., Rahman, H.S., Ky, H., Ho, W.Y., Lim, K.L., How, C.W., Rasedee,A., Alitheen, N.B., Yeap, S.K.	Nanostructured lipid carrier improved in vivo anti-tumor and immunomodulatory effect of Zerumbone in 4T1 challenged mice	RSC Advances	5	28	22066-22074	3.708	ISI Thomson	2046-2069	Q1
127	Nur Kusaira Khairul Ikram, Jacob D Durrant, Muchtaridi Muchtaridi, Ayunni Salihah Zalaludin, Neny Purwitasari, Nornisah Mohamed, Aisyah Saad Abdul Rahim, Kit Lam Chan, <u>Yahaya M. Normi</u> , Noorsaadah Abdul Rahman, Rommie E Amaro, Habibah Wahab	A Virtual Screening Approach For Identifying Plants with Anti H5N1 Neuraminidase Activity	Journal of chemical information and modeling	55	2	308-316	4.068	ISI Thomson	1549-9596	Q1
128	Pik Mun Foong, Roghayeh Abedi Karjiban, <u>Yahaya M Normi</u> , Abu Bakar Salleh, Mohd Basyaruddin Abdul Rahman	Bioinformatics survey of the metal usage by psychrophilic yeast Glaciozyma antarctica PI12	Metallomics	7		156-164	3.978	ISI Thomson	1756-5901	Q2
129	Nur Fatihah Mohd-Yusof , Pradeep Ruperao, Nurain Emlyia Tomoyoshi, David Edwards, Peter M Gresshoff, Bandana Biswas, and Jacqueline Batley.	Scanning ethyl methanesulphonate effects on the whole genome of <i>Lotus japonicus</i> using second generation sequencing analysis	G3: Genes, Genomes, Genetics	5	4	559-567	2.511	ISI Thomson	2160-1836	Q3

BIL	PENULIS	TAJUK ARTIKEL	TAJUK JURNAL	VOLUME	ISU	MUKA SURAT	IMPACT FACTOR	INDEXING	ISSN	KUARTIL (RANKING)
130	Seyed Ali Ravanfar, Maheran Abdul Aziz, Halimi Mohd Saud, Janna Ong Abdullah	Optimization of in vitro regeneration and <i>Agrobacterium tumefaciens</i> -mediated transformation with heat-resistant cDNA in <i>Brassica oleracea</i> subsp. <i>italica</i> cv. Green Marvel	Current Genetics	doi: 10.1007/s00294-015-0494-x	-	1-11	1.712	ISI Thomson	1432-0983 (online)	Q4
131	Khew C-Y, Teo C-J, Chan W-S, Wong H-L, Namasivayam P and Ho C-L	Brassinosteroid insensitive 1-associated kinase 1 (Osl-BAK1) is associated with grain filling and leaf development in rice.	Journal of Plant Physiology	182	1	23-32	2.770	ISI Thomson	0176-1617	Q1
132	Ho C-L and Tan Y-C	Molecular defense response of oil palm to Ganoderma infection.	Phytochemistry	114	1	160-169	3.350	ISI Thomson	319422	Q1
133	Kwan Y-M, Meon S, Ho C-L , and Wong M-Y	Cloning of nitric oxide associated 1 (NOA1) transcript from oil palm (<i>Elaeis guineensis</i>) and its expression during Ganoderma infection	Journal of Plant Physiology	174	Feb	131-136	2.770	ISI Thomson	0176-1617	Q1
134	A.B. Adibah, W.L. Ng, S.G. Tan*	The Malay Peninsula as a barrier to gene flow in an Asian horseshoe crab species, <i>Carcinoscorpius rotundicauda</i> Latreille	Biochemical Systematics and Ecology	60	2015	204-210	1.170	ISI Thomson	0305-1978	Q3
135	Cheng, W. H., Yap, C. K., Zakaria, M. P., Aris, A. Z. and Tan, S. G.	Lithium Levels in Peninsular Malaysian Coastal Areas: An Assessment Based on Mangrove Snail <i>Nerita lineata</i> and Surface Sediments	Pertanika J. Trop. Agric. Sci	38	1	1-10	0	Scopus	1511-3701	-
136	Emad Omer Hama-Ali, Jothi Malar Panandam, Soon Guan Tan , Sharifah Shahrul Rabiah Syed Alwee, Tan Joon Sheong, Ho Chai Ling, Parameswari Namasivayam, Hoh Boon Peng	Association between basal stem rot disease and simple sequence repeat markers in oil palm, <i>Elaeis guineensis</i> Jacq.	Euphytica	202	1	199-206	1.692	ISI Thomson	0014-2336	Q1

BIL	PENULIS	TAJUK ARTIKEL	TAJUK JURNAL	VOLUME	ISU	MUKA SURAT	IMPACT FACTOR	INDEXING	ISSN	KUARTIL (RANKING)
137	Hashim Halim-Fikri, Ali Etemad, Ahmad Zubaidi Abdul Latif, Amir Feisal Merican, Atif Amin Baig, Azlina Ahmad Annuar, Endom Ismail, Iman Salahshourifar, Ahmad Tajudin Liza-Sharmini, Marini Ramli, Mohamed Irwan Shah, Muhammad Farid Johan, Nik Norliza Nik Hassan, Noraishah Mydin Abdul-Aziz, Noor Haslina Mohd Noor, Ab Rajab Nur-Shafawati, Rosline Hassan, Rosnah Bahar, Rosnah Binti Zain, Shafini Mohamed Yusoff, Surini Yusoff, Soon Guan Tan , Meow-Keong Thong, Hatin Wan-Isa, Wan Zaidah Abdullah, Zahurin Mohamed, Zarina Abdul Latiff17, Bin Alwi Zilfalil1* and In alphabetical order, members of the Malaysian Node of the Human Variome Project	The first Malay database toward the ethnic-specific target molecular variation	BMC Research Notes	8	2015	176	0	Excellence Research Australia (ERA)	1756-0500	-
138	Fatemeh Haddadi, Maheran Abd Aziz, Siti Nor Akmar Abdullah, Soon Guan Tan , and Hossein Kamaladini	An Efficient Agrobacterium-Mediated Transformation of Strawberry cv. Camarosa by a Dual Plasmid System	molecules	2015	20	3647-3666	2.095	ISI Thomson	1420-3049	Q3
139	Pui Ling Liew, Wei Lun Ng & Soon Guan Tan*	Levels and patterns of genetic variation in an Asian horseshoe crab species, <i>Tachypleus gigas</i> Müller, from the Malay Peninsula	Marine Biology Research	11	8	879-886	1.134	ISI Thomson	1745-1000	Q3
140	Tannaz Jalilsood, Ali Baradaran , Adelene Ai-Lian Song , Hooi Ling Foo, Shuhaimi Mustafa, Wan Zuhainis Saad, Khatijah Yusoff and Raha Abdul Rahim.	Inhibition of pathogenic and spoilage bacteria by a novel biofilm-forming <i>Lactobacillus</i> isolate: a potential host for the expression of heterologous proteins	Microbial Cell Factories	2015	-	2-14	4.250	ISI Thomson	1475-2859	Q1
141	Behnam Shafiei-Astani, Alan Han Kiat Ong, Alireza Valdiani, Soon Guan Tan, Christina Yong Seok Yien, Fatemeh Ahmady , Noorjahan Banu Alitheen, Wei Lun Ng , Taranjeet Kuar	Molecular genetic variation and structure of Southeast Asian crocodile (<i>Tomistoma schlegelii</i>): Comparative potentials of SSRs versus ISSRs	Gene	571	1	107-116	2.082	ISI Thomson	0378-1119	Q3
142	Emad Omer Hama-Ali, Sharifah Shahruh Rabiah Syed Alwee, Soon Guan Tan, Jothi Malar Panandam, Ho Chai Ling, Parameswari Namasivayam, Hoh Boon Peng	Illegitimacy and sibship assignments in oil palm (<i>Elaeis guineensis</i> Jacq.) half-sib families using single locus DNA microsatellite markers	Molecular Biology Reports	42	-	917-925	1.958	ISI Thomson	0301-4851	Q3
143	S. H. Habib, C.-L. Ho, S. S. R. Syed-Alwee , P. Namasivayam*	Molecular analysis on the shoot apical meristem of truncated leaf syndrome plantlets of oil palm (<i>E. guineensis</i> Jacq.)	Plant Cell, Tissue and Organ Culture	120	-	1023-1036	2.612	ISI Thomson	0167-6857	Q1

BIL	PENULIS	TAJUK ARTIKEL	TAJUK JURNAL	VOLUME	ISU	MUKA SURAT	IMPACT FACTOR	INDEXING	ISSN	KUARTIL (RANKING)
144	Conie Toh, Parameswari Namasivayam* , Ho Chai Ling, Sharifah Shahrul Rabiah Syed Alwee	Isolation and Characterization of EgGST, a Glutathione S-transferase Protein Transcript in Oil Palm (<i>Elaeis guineensis</i> Jacq.)	Pertanika Journal of Tropical Agricultural Science	38	2	235-257	0.000	Scopus	1511-3701	-
145	Siti Suhaila A. Rahman, Norihan Mohd. Saleh, Norwati Muhammad, Nor Azah Mohamad Ali, Mahani Mansor Clyde, Parameswari Namasivayam , Nor Hasnida Hassan, Haliza Ismail, Nazirah Abdullah, Muhd. Fuad Yahya	<i>Aquilaria malaccensis</i> Polyploids as Improved Planting Materials	Journal of Tropical Forest Science	27	3	376-387	0.667	ISI Thomson	0128-1283	Q3
146	Thawda Myint, Sigit Ismawanto, Parameswari Namasivayam , Suhaimi Napis, Mohd Puad Abdullah	Expression Analysis of the ADH Genes in Arabidopsis Plants Exposed to PEG-induced Water Stress	World Journal of Agricultural Research	3	2	57-65	0.000	Google Scholar	2333-0643	-
147	Sau-Yee Kok; Meilina Ong-Abdullah; Gwendoline Cheng-Lian Ee And Parameswari Namasivayam*	Histological Study Of Oil Palm (<i>Elaeis Guineensis</i>) Endosperm During Seed Development	Journal of Oil Palm Research	27	1	107-112	0.177	ISI Thomson	1511-2780	Q4
148	Mortaza Ebrahimi, Siti Nor Akmar Abdullah, Maheran Abdul Aziz, ** Parameswari Namasivayam	A novel CBF that regulates abiotic stress response and the ripening process in oil palm (<i>Elaeis guineensis</i>) fruits	Tree Genetics and Genome	11	-	56-72	2.435	ISI Thomson	1614-2942	Q1
149	OB Ghanem, MI Abdul Mutalib, M El-Harbawi, G Gonfa, CF Kait, NB Alitheen , JM Lévéque	Effect of imidazolium-based ionic liquids on bacterial growth inhibition investigated via experimental and QSAR modelling studies	Journal of hazardous materials	297	1	198-206	4.331	ISI Thomson	0304-3894	Q1
150	SK Yeap, BK Beh, WY Ho, HM Yusof, Nurul Elyani Mohamad, Norlaily Mohd Ali, Indu Bala Jaganath, Noorjahan Banu Alitheen, Soo Peng Koh, Kamariah Long	In vivo antioxidant and hypolipidemic effects of fermented mung bean on hypercholesterolemic mice	Evidence-Based Complementary and Alternative Medicine	2015	1	1-6	2.175	ISI Thomson	1741-427X	Q2
151	NM Ali, SK Yeap, HM Yusof, BK Beh, WY Ho, SP Koh, MP Abdullah, NB Alitheen, K Long	Comparison of free amino acids, antioxidants, soluble phenolic acids, cytotoxicity and immunomodulation of fermented mung bean and soybean	Journal of the science of food and agriculture	2015	1	DOI: 10.1002/jsfa.7267	1.879	ISI Thomson	0022-5142	Q1
152	Nurul Elyani Mohamad, Swee Keong Yeap, Kian Lam Lim, Hamidah Mohd Yusof, Boon Kee Beh, Sheau Wei Tan, Wan Yong Ho, Shaiful Adzni Sharifuddin, Anisah Jamaluddin, Kamariah Long, Nik Mohd Afizan Nik Abd Rahman, Noorjahan Banu Alitheen	Antioxidant effects of pineapple vinegar in reversing of paracetamol-induced liver damage in mice	Chinese medicine	10	3	doi:10.1186/s13020-015-0030-4	2.343	ISI Thomson	1749-8546	Q1
153	NH Azmi, M Ismail, N Ismail, MU Imam, NB Alitheen, MA Abdullah	Multiplex Gene Expression Approach for the Elucidation of Germinated Brown Rice's Neuroprotective Mechanism of Action	Public Health Genomics	18	1	24-34	2.462	ISI Thomson	1662-4246	Q2
154	N Abu, NE Mohamed, SK Yeap, KL Lim, MN Akhtar, AJ Zulfadli, BB Kee, MP Abdullah, AR Omar, NB Alitheen	in vivo antitumor and antimetastatic effects of flavokawain B in 4T1 breast cancer cell-challenged mice	Drug design, development and therapy	9	1	1401-1417	3.026	ISI Thomson	1401-1417	Q2

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155	SK Yeap, N Abu, NE Mohamad, BK Beh, WY Ho, S Ebrahimi, HM Yusof, H Ky, SW Tan, NB Alitheen	Chemopreventive and immunomodulatory effects of <i>Murraya koenigii</i> aqueous extract on 4T1 breast cancer cell-challenged mice	BMC Complementary and Alternative Medicine	15	306	-	1.877	ISI Thomson	1472-6882	Q2
156	IB Bwatanglang, F Mohammad, NA Yusof, J Abdullah, MZ Hussein, NB Alitheen, N Abu	Folic acid targeted Mn-ZnS quantum dots for theranostic applications of cancer cell imaging	International Journal Of Nanomedicine	-	-	-	4.195	ISI Thomson	1178-2013	Q1
157	W.L. Ng & S.G. Tan	Inter-Simple Sequence Repeat (ISSR) Markers: Are We Doing It Right?	ASM Science Journal	9	1	48-57	-	Scopus	1823-6782	-
158	Rusea Go, Tan Mui Ching, Ahmad Ainnudin Nuruddin, Janna Ong Abdullah , Ng Yong Jin, Farah Alia Nordin, Khor Hong Eng & Rosimah Nulit	Extinction risks and conservation status of <i>Corybas</i> (Orchidaceae; Orchidoideae; Diurideae) in Peninsular Malaysia	Phytotaxa	233	3	273-280	1.376	ISI Thomson	1179-3155	Q2
159	Ho, Carl Miew; Ooi, Leslie C L; Tan, S G ; Ho, C L and Singh, R	A Chloroplast DNA (cpDNA) Extraction Protocol for Diversity Analysis of Oil Palm (<i>Elaeis</i> spp.)	Journal of Oil Palm Research	27	4	306-314	0.177	ISI Thomson	1511-2780	Q4
160	Roslinda A. Razak, Rogayah Sekeli, Noor Azmi Shaharuddin, Janna Ong Abdullah	Using mannose as a positive selection of transformed <i>Carica papaya</i> L. var 'Eksotika'	Jurnal Teknologi	71	31	13-18	0	Scopus	eISSN 2180-3722	-
161	Ho Chai Ling	Phylogeny of algal sequences encoding carbohydrate sulfotransferases, formylglycine-dependent sulfatases, and putative sulfatase modifying factors	Frontiers in Plant Science	6	1057	doi: 10.3389/fpls.2015.01057	3.637	ISI Thomson	1664-462X	Q1
162	Lim E-L, Siow R-S, Abdul Rahim R and Ho C-L*	Global transcriptome analysis of <i>Gracilaria changii</i> (Rhodophyta) in response to agarolytic enzyme and bacterium	Marine Biotechnology	-	-	DOI 10.1007/s10126-015-9680-6	3.152	ISI Thomson	1436-2228	Q1
163	Tan Y-C, Ho W-Y, Alitheen NB, Wong M-Y and Ho C-L*	Cloning and expression of oil palm (<i>Elaeis guineensis</i> Jacq.) type 2 ribosome inactivating protein in <i>Escherichia coli</i>	International Journal of Peptide Research and Therapeutics	-	-	-	0.825	ISI Thomson	1573-3149	Q4
164	Jonathan Maiangwa · Mohd Shukuri Mohamad Ali · Abu Bakar Salleh · Raja Noor Zaliha Raja Abd Rahman · Fairolniza Mohd Shariff · *Thean Chor Leow	Adaptational properties and applications of cold-active lipases from psychrophilic bacteria	Extremophiles	2015	19	235–247	2.174	ISI Thomson	1431-0651	Q3