

## SECTION C: QUANTITY AND QUALITY OF RESEARCH

## Section C1 : Publications

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

## (i) Journals

## (iii) Joint Publications :

## b. Publication Impact

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

| NO. | ARTICLE ID/NO. | STAFF ID | STAFF NAME                         | DOCUMENT TYPE | STAFF ID CO-AUTHOR | AUTHORS   | DOCUMENT TITLE  | SOURCE TITLE                             | VOLUME | ISSUE | PAGE START | PAGE END | YEAR | ISSN OR ISBN | Q1 OR Q2 ONLY (Blank if no data) | REMARKS | LINK  |
|-----|----------------|----------|------------------------------------|---------------|--------------------|---|---|--|--------|-------|------------|----------|------|--------------|----------------------------------|---------|---|
| 1   |                | A03660   | Assoc. Prof. Dr. Wan Zuhainis Saad | Article       |                    | Wong L.Y., <b>Saad W.Z.</b> , Mohamad R., Tahir P.M.  | Optimization of cultural conditions for polygalacturonase production by a newly isolated <i>Aspergillus fumigatus</i> R6 capable of retting kenaf       | Industrial Crops and Products            | 97     |       | 175        | 183      | 2017 | 09266690     | Q1                               |         | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007092571&amp;doi=10.1016/j.indcrop.2017.07.017">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007092571&amp;doi=10.1016/j.indcrop.2017.07.017</a>         |
| 2   |                | A03663   | Assoc. Prof. Dr. Hidayah Ariffin   | Article       |                    | Rajaratnam D.D., <b>Ariffin H.</b> , Hassan M.A., Kawasaki Y., Nishida H.                               | Effects of (R)-3-hydroxyhexanoate units on thermal hydrolysis of poly((R)-3-hydroxybutyrate-co-(R)-3-hydroxyhexanoate)s                                 | Polymer Degradation and Stability        | 137    |       | 58         | 66       | 2017 | 01413910     | Q1                               |         | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009443588&amp;doi=10.1016/j.polydegstab.2017.05.007">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85009443588&amp;doi=10.1016/j.polydegstab.2017.05.007</a> |
| 3   | 44469          | A03663   | Assoc. Prof. Dr. Hidayah Ariffin   | Article       |                    | Eksiler K., Andou Y., Yilmaz F., Shirai Y., <b>Ariffin H.</b> , Hassan M.A.                             | Dynamically controlled fibrillation under combination of ionic liquid with mechanical grinding  | Journal of Applied Polymer Science       | 134    | 7     |            |          | 2017 | 00218995     | Q2                               |         | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990026608&amp;doi=10.1002/app.45277">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84990026608&amp;doi=10.1002/app.45277</a>                                 |
| 4   |                | A03908   | Dr. Mohd Rafein Zakaria            | Article       |                    | Ibrahim I., Hassan M.A., Abd-Aziz S., Shirai Y., Andou Y., Othman M.R., Ali A.A.M., <b>Zakaria M.R.</b> | Reduction of residual pollutants from biologically treated palm oil mill effluent final discharge by steam activated bioadsorbent from oil palm biomass | Journal of Cleaner Production            | 141    |       | 122        | 127      | 2017 | 09596526     | Q1                               |         | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994608045&amp;doi=10.1016/j.jclepro.2017.07.047">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994608045&amp;doi=10.1016/j.jclepro.2017.07.047</a>         |
| 5   |                | A03908   | Dr. Mohd Rafein Zakaria            | Article       |                    | Dzulkurnain Z., Hassan M.A., <b>Zakaria M.R.</b> , Wahab P.E.M., Hasan M.Y., Shirai Y.                  | Co-composting of Municipal Sewage Sludge and Landscaping Waste: A Pilot Scale Study   | Waste and Biomass Valorization           | 8      | 3     | 695        | 705      | 2017 | 18772641     | Q4                               |         | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001574786&amp;doi=10.1007/s11356-017-0277-4">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001574786&amp;doi=10.1007/s11356-017-0277-4</a>                 |
| 6   |                | A03908   | Dr. Mohd Rafein Zakaria            | Article       |                    | Taifor A.F., <b>Zakaria M.R.</b> , Mohd Yusoff M.Z., Toshinari M., Hassan M.A., Shirai Y.               | Elucidating substrate utilization in biohydrogen production from palm oil mill effluent by <i>Escherichia coli</i>                                      | International Journal of Hydrogen Energy | 42     | 9     | 5812       | 5819     | 2017 | 03603199     | Q2                               |         | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008186408&amp;doi=10.1016/j.ijhydene.2017.07.047">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008186408&amp;doi=10.1016/j.ijhydene.2017.07.047</a>       |

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|----|---------|--------|-------------------------------------|---------|--|---|--|---|------|---|-----|-----|------|----------|----|--|---|
| 7  |         | PD0387 | Dr. Ferial Ghaemi                   | Article |  | Amiri A., <b>Ghaemi F.</b>  | Carbon nanospheres covalently modified with polydimethylsiloxane on a porous sol-gel support for use in headspace solid-phase fiber microextraction of BTEX    | Microchimica Acta                             | 184  | 1 | 297 | 305 | 2017 | 00263672 | Q1 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996968521&amp;doi=10.1007/s00033-017-1007-7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84996968521&amp;doi=10.1007/s00033-017-1007-7</a>                             |
| 8  |         | A02157 | Prof. Dr. Luqman Chuah Abdullah     | Article |  | Ramarad S., Ratnam C.T., Khalid M., <b>Chuah A.L.</b> , Hanson S.   | Improved crystallinity and dynamic mechanical properties of reclaimed waste tire rubber/EVA blends under the influence of electron beam irradiation            | Radiation Physics and Chemistry               | 130  |   | 362 | 370 | 2017 | 0969806X | Q4 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988700999&amp;doi=10.1016/j.radphyschem.2017.07.017">https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988700999&amp;doi=10.1016/j.radphyschem.2017.07.017</a>             |
| 9  |         |        | Assos. Prof. Dr. H'ng Paik San      | Article |  | Lee C.L., <b>H'ng P.S.</b> , Paridah T., Chin K.L., Khoo P.S., Nazrin R.A.R., Asyikin S.N., Maminski M.   | Effect of reaction time and temperature on the properties of carbon black made from palm kernel and coconut shell  | Asian Journal of Scientific Research          | 10   | 1 | 24  | 33  | 2017 | 19921454 | -  |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010993724&amp;doi=10.1016/j.ajsr.2017.07.002">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010993724&amp;doi=10.1016/j.ajsr.2017.07.002</a>                           |
| 10 |         | A03663 | Assoc. Prof. Dr. Hidayah Ariffin    | Article |  | Tengku Arisyah Tengku Yasim-Anuar, <b>Hidayah Ariffin</b> , Mohd Nor Faiz Norrahim, Mohd. Ali Hassan  | Factors Affecting Spinnability of Oil Palm Mesocarp Fiber Cellulose Solution for the Production of Microfiber  | BioResources                                  | 12   | 1 | 715 | 734 | 2017 | 19302126 | Q1 |  | <a href="http://ojs.cnr.ncsu.edu/index.php/BioResources/article/view/BioRes_12_1_715_Yasim-Anuar_F">http://ojs.cnr.ncsu.edu/index.php/BioResources/article/view/BioRes_12_1_715_Yasim-Anuar_F</a>   |
| 11 |         | A03663 | Assoc. Prof. Dr. Hidayah Ariffin    | Article |  | Noor Ida Amalina Ahamad Nordin, <b>Hidayah Ariffin</b> , Mohd Ali Hassan, Yoshihito Shirai, Yoshito Ando, Nor Azowa Ibrahim, Wan Md Zin Wan Yunus | Superheated Steam Treatment of Oil Palm Mesocarp Fiber Improved the Properties of Fiber-Polypropylene Biocomposite   | BioResources                                  | 12   | 1 | 68  | 81  | 2017 | 19302126 | Q1 |  | <a href="http://ojs.cnr.ncsu.edu/index.php/BioResources/article/view/BioRes_11_4_68_Nordin_Superheat">http://ojs.cnr.ncsu.edu/index.php/BioResources/article/view/BioRes_11_4_68_Nordin_Superheat</a>   |
| 12 |         | A02894 | Dr. Harmaen Ahmad Saffian           | Article |  | Islam M.S., Ramli I.B., Hasan M.R., Islam M.M., Islam K.N., Hasan M., <b>Harmaen A.S.</b>   | Effect of kenaf and EFB fiber hybridization on physical and thermo-mechanical properties of PLA biocomposites  | Fibers and Polymers                           | 18   | 1 | 116 | 121 | 2017 | 12299197 | Q3 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011891512&amp;doi=10.1007/s12220-017-0077-7">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011891512&amp;doi=10.1007/s12220-017-0077-7</a>                             |
| 13 | 9792657 | A02157 | Prof. Dr. Luqman Chuah Abdullah     | Article |  | Intidhar Jabir Idan, Siti Nurul Ain Binti Md. Jamil, <b>Luqman Chuah Abdullah</b> , and Thomas Shean Yaw Choong                                   | Removal of Reactive Anionic Dyes from Binary Solutions by Adsorption onto Quaternized Kenaf Core Fiber   | International Journal of Chemical Engineering | 2017 |   | 1   | 13  | 2017 | 1687806X | -  |  | <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85015991662&amp;originalRecordId=10.1007/s12220-017-0077-7">https://www.scopus.com/record/display.uri?eid=2-s2.0-85015991662&amp;originalRecordId=10.1007/s12220-017-0077-7</a> |
| 14 | 301     | A02230 | Assoc. Prof. Dr. Rosfarizan Mohamad | Article |  | Azizi S., <b>Mohamad R.</b> , Shahri M.M., McPhee D.J.  | Green microwave-assisted combustion synthesis of zinc oxide nanoparticles with Citrullus colocynthis (L.) schrad: Characterization and biomedical applications | Molecules                                     | 22   | 2 |     |     | 2017 | 14203049 | Q2 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013212394&amp;doi=10.3390/molecules22071239">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85013212394&amp;doi=10.3390/molecules22071239</a>                             |

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|----|---------|--------|-------------------------------------|---------|--|--|---|--|------|---|-------|-------|------|----------|----|--|---|
| 15 |         | PD0387 | Dr. Ferial Ghaemi                   | Article |  | Ahmadian A., Ismail F., Salahshour S., Baleanu D., <b>Ghaemi F.</b>  | Uncertain viscoelastic models with fractional order: A new spectral tau method to study the numerical simulations of the solution | Communications in Nonlinear Science and Numerical Simulation | 53   |   | 44    | 64    | 2017 | 10075704 | Q1 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018438253&amp;doi=10.1016/j.cnsns.2017.05.007">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018438253&amp;doi=10.1016/j.cnsns.2017.05.007</a>     |
| 16 |         | A03474 | Assoc. Prof. Dr. Umi Kalsom Md Shah | Article |  | Jaber S.M., <b>Shah U.K.M.</b> , Asa'ari A.Z.M., Ariff A.B.  | Optimization of laccase production by locally isolated <i>Trichoderma muroiana</i> IS1037 using rubber wood dust as substrate     | BioResources   | 12   | 2 | 3834  | 3849  | 2017 | 19302126 | Q1 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019177096&amp;doi=10.15376/bior.2017.12.3834">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019177096&amp;doi=10.15376/bior.2017.12.3834</a>       |
| 17 |         | PD0387 | Dr. Ferial Ghaemi                   | Article |  | <b>Ghaemi F.</b> , Abdullah L.C., Rahman N.M.A.N.A., Najmuddin S.U.F.S., Abdi M.M., Ariffin H.                     | Synthesis and comparative study of thermal, electrochemical, and cytotoxicity properties of graphene flake and sheet              | Research on Chemical Intermediates                           | 43   | 8 | 4981  | 4991  | 2017 | 09226168 | Q2 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016472419&amp;doi=10.1080/15477038.2017.1373777">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016472419&amp;doi=10.1080/15477038.2017.1373777</a> |
| 18 |         | A02230 | Assoc. Prof. Dr. Rosfarizan Mohamad | Article |  | Shabestarian H., Homayouni-Tabrizi M., Soltani M., Namvar F., Azizi S., <b>Mohamad R.</b> , Shabestarian H.        | Green synthesis of gold nanoparticles using sumac aqueous extract and their antioxidant activity                                  | Materials Research   | 20   | 1 | 264   | 270   | 2017 | 15161439 | -  |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015875754&amp;doi=10.15376/mr.2017.20.1.264">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015875754&amp;doi=10.15376/mr.2017.20.1.264</a>         |
| 19 |         | PD0322 | Dr. Chin Kit Ling                   | Article |  | Lee S.H., Lum W.C., Zaidon A., Fatin-Ruzanna J., Tan L.P., Mariusz M., <b>Chin K.L.</b>                            | Effect of post-thermal treatment on the density profile of rubberwood particleboard and its relation to mechanical properties     | Journal of Tropical Forest Science                           | 29   | 1 | 93    | 104   | 2017 | 1281283  | Q3 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010905696&amp;part=part1-d40">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010905696&amp;part=part1-d40</a>                                       |
| 20 |         | A02157 | Prof. Dr. Luqman Chuah Abdullah     | Article |  | Mohammad Reza Ketabchi, Mohammad Khalid, Chantara They Ratnam, Rashmi Walvekar & <b>Luqman Chuah Abdullah</b>      | Sonosynthesis of Microcellulose from Kenaf Fiber: Optimization of Process Parameters  | Journal of Natural Fibers                                    | 14   | 3 | 437   | 449   | 2017 | 15440478 | Q2 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007470711&amp;doi=10.1080/15440478.2017.1373777">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85007470711&amp;doi=10.1080/15440478.2017.1373777</a> |
| 21 | 7831954 | A03660 | Assoc. Prof. Dr. Wan Zuhainis Saad  | Article |  | Muhammad Hariadi Nawawi, Rosfarizan Mohamad, Paridah Md. Tahir, and <b>Wan Zuhainis Saad</b>                       | Extracellular Xylanopectinolytic Enzymes by <i>Bacillus subtilis</i> AD11 from EFB's Compost                                      | International Scholarly Research Notices                     | 2017 |   | 1     | 7     | 2017 |          | -  |  | <a href="https://www.hindawi.com/journals/isrn/2017/7831954/">https://www.hindawi.com/journals/isrn/2017/7831954/</a>   |
| 22 |         | A03913 | Dr. Mahnaz M. Abdi                  | Article |  | Rawaida Liyana Razalli, <b>Mahnaz M. Abdi</b> , Paridah M. Tahir, Amin Moradbak, Yusran Sulaiman and Lee Yook Heng | Polyaniline-modified nanocellulose prepared from Semantan bamboo by chemical polymerization: preparation and characterization     | RSC Advances   | 2017 | 7 | 25191 | 25198 | 2017 | 20462069 | Q2 |  | <a href="http://pubs.rsc.org/en/content/articlelanding/2017/ra/c7ra03379f#ldivAbstract">http://pubs.rsc.org/en/content/articlelanding/2017/ra/c7ra03379f#ldivAbstract</a>   |

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| 23 | 129 | A03913 | Dr. Mahnaz M. Abdi                  | Article          |  | Ali M. A. Abdul Amir AL-Mokaram Rosiyah Yahya, <b>Mahnaz M. Abdi</b> and Habibun Nabi Muhammad Ekramul Mahmud  | The Development of Non-Enzymatic Glucose Biosensors Based on Electrochemically Prepared Polypyrrole–Chitosan–Titanium Dioxide Nanocomposite Films  | Nanomaterials                               | 2017 | 7 | 1    | 12   | 2017 |          | -  |  | <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85020398746&amp;origi">https://www.scopus.com/record/display.uri?eid=2-s2.0-85020398746&amp;origi</a>   |
| 24 |     | A02230 | Assoc. Prof. Dr. Rosfarizan Mohamad | Article          |  | Manap S., <b>Mohamad R.</b> , Saad W.Z., Harith S.S., Mydin M.M., Kamarullah S.H., Noor B.H.M., Omar W.S.A.W.  | Optimisation of medium composition and culture conditions of filter-paperase by UPMC1106 using pennisetum purpureum  | Chemical Engineering Transactions           | 56   |   | 1735 | 1740 | 2017 | 22839216 | -  |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-8501940099&amp;doi=10.1016/j.ces.2017.07.011">https://www.scopus.com/inward/record.uri?eid=2-s2.0-8501940099&amp;doi=10.1016/j.ces.2017.07.011</a>           |
| 25 |     | PD0387 | Dr. Ferial Ghaemi                   | Article in press |  | Amirhassan Amiri, <b>Ferial Ghaemi</b>   | Microextraction in packed syringe by using a three-dimensional carbon nanotube/carbon nanofiber graphene nanostructure coupled to dispersive liquid-liquid microextraction for the determination of phthalate ester in water samples | Microchimica Acta                           |      |   | 1    | 8    | 2017 | 00263672 | -  |  | <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85023766514&amp;origi">https://www.scopus.com/record/display.uri?eid=2-s2.0-85023766514&amp;origi</a>   |
| 26 |     | A02157 | Prof. Dr. Luqman Chuah Abdullah     | Article in press |  | Ahmad Syafiq Ahmad Hazmi, Nik Nurfatmah Pz Nik Pauzi, Zulina Abd. Maurad, <b>Luqman Chuah Abdullah</b> , Min Min Aung, Azizan Ahmad, Mek Zah Salleh, Rida Tajau, Mohd Hilmi Mahmood, Syahrina Elliyana Saniman | Understanding intrinsic plasticizer in vegetable oil-based polyurethane elastomer as enhanced biomaterial  | Journal of Thermal Analysis and Calorimetry |      |   | 1    | 15   | 2017 | 13886150 | Q2 |  | <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-85020252903&amp;origi">https://www.scopus.com/record/display.uri?eid=2-s2.0-85020252903&amp;origi</a>   |
| 27 |     | A02157 | Prof. Dr. Luqman Chuah Abdullah     | Article          |  | Mhd Haniffa M.A.C., Ching Y.C., Chuah C.H., Yong Ching K., Nazri N., <b>Abdullah L.C.</b> , Nai-Shang L.   | Effect of TEMPO-oxidation and rapid cooling on thermo-structural properties of nanocellulose   | Carbohydrate Polymers                       | 173  |   | 91   | 99   | 2017 | 01448617 | Q1 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019973608&amp;doi=10.1016/j.carbpol.2017.07.011">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019973608&amp;doi=10.1016/j.carbpol.2017.07.011</a> |
| 28 | 551 | A02157 | Prof. Dr. Luqman Chuah Abdullah     | Article          |  | Saalah S., <b>Abdullah L.C.</b> , Aung M.M., Salleh M.Z., Biak D.R.A., Basri M., Jusoh E.R., Mamat S.  | Physicochemical Properties of jatropa oil-based polyol produced by a two steps method  | Molecules                                   | 22   | 4 |      |      | 2017 | 14203049 | -  |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016965327&amp;doi=10.1016/j.mol.2017.07.011">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016965327&amp;doi=10.1016/j.mol.2017.07.011</a>         |
| 29 |     | A02157 | Prof. Dr. Luqman Chuah Abdullah     | Article          |  | Zahri N.A.M., Jamil S.N.A.M., <b>Abdullah L.C.</b> , Jia Huey S., Yaw T.C.S., Mobarekeh M.N., Rapeia N.S.M.  | Equilibrium and kinetic behavior on cadmium and lead removal by using synthetic polymer  | Journal of Water Process Engineering        | 17   |   | 277  | 289  | 2017 | 22147144 | -  |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019105015&amp;doi=10.1016/j.watpro.2017.07.011">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019105015&amp;doi=10.1016/j.watpro.2017.07.011</a>   |
| 30 |     | A02157 | Prof. Dr. Luqman Chuah Abdullah     | Article          |  | Intidhar Jabir Idan, Siti Nurul Ain Binti Md. Jamil, <b>Luqman Chuah Abdullah</b> and Thomas Shean Yaw Choong  | Equilibrium, Kinetics and Thermodynamic Adsorption Studies of Acid dyes on Adsorbent Developed from Kenaf Core Fiber   | Adsorption Science and Technology           |      |   | 1    | 19   | 2017 | 02636174 | Q4 |  | <a href="http://journals.sagepub.com/doi/abs/10.1177/0263617417715532">http://journals.sagepub.com/doi/abs/10.1177/0263617417715532</a>   |

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|----|-----|--------|-------------------------------------|------------------|--|--|---|--|-----|-----------|-----|-----|------|---|----|--|---|
| 31 |     | A03908 | Dr. Mohd Rafein Zakaria             | Article          |  | Mohammed Abdilllah Ahmad Farid, Mohd Ali Hassan, Yun Hin Taufiq-Yap, Yoshihito Shirai, Muhamad Yusuf Hasan, Mohd Rafein Zakaria        | Waterless purification using oil palm biomass-derived bioadsorbent improved the quality of biodiesel from waste cooking oil   | Journal of Cleaner Production                      | 165 | 01-Nov-17 | 262 | 272 | 2017 | 09596526  | Q1 |  | <a href="http://www.science-direct.com/science/article/pii/S0959652617315834">http://www.science-direct.com/science/article/pii/S0959652617315834</a>   |
| 32 |     | A02230 | Assoc. Prof. Dr. Rosfarizan Mohamad | Article          |  | Azizi S., <b>Mohamad R.</b> , Abdul Rahim R., Mohammadinejad R., Bin Ariff A.  | Hydrogel beads bio-nanocomposite based on Kappa-Carrageenan and green synthesized silver nanoparticles for biomedical applications  | International Journal of Biological Macromolecules | 104 |           | 423 | 431 | 2017 | 1418130   | Q2 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020806183&amp;doi=10.1016/j.ijbiomac.2017.07.027">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020806183&amp;doi=10.1016/j.ijbiomac.2017.07.027</a> |
| 33 |     | PD0387 | Dr. Ferial Ghaemi                   | Article in Press |  | Amiri A., <b>Ghaemi F.</b>   | Microextraction in packed syringe by using a three-dimensional carbon nanotube/carbon nanofiber-graphene nanostructure coupled to dispersive liquid-liquid microextraction for the determination of phthalate | Microchimica Acta                                  |     |           | 1   | 8   | 2017 | 263672  | -  |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023766514&amp;doi=10.1007/s00033-017-1097-z">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85023766514&amp;doi=10.1007/s00033-017-1097-z</a>           |
| 34 | 872 | A03660 | Assoc. Prof. Dr. Wan Zuhainis Saad  | Article          |  | Moghaddam A.B., Moniri M., Azizi S., Rahim R.A., Ariff A.B., <b>Saad W.Z.</b> , Namvar F., Navaderi M., Mohamad R.                     | Biosynthesis of ZnO nanoparticles by a new Pichia kudriavzevii yeast strain and evaluation of their antimicrobial and antioxidant activities  | Molecules  | 22  | 6         |     |     | 2017 | 14203049  | -  |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020786936&amp;doi=10.3390/molecules22060936">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020786936&amp;doi=10.3390/molecules22060936</a>           |
| 35 |     | A02230 | Assoc. Prof. Dr. Rosfarizan Mohamad | Article in Press |  | Nor N.M., Mohamed M.S., Loh T.C., Foo H.L., Rahim R.A., Tan J.S., <b>Mohamad R.</b>  | Comparative analyses on medium optimization using one-factor-at-a-time, response surface methodology, and artificial neural network for lysine-methionine biosynthesis by <i>Pediococcus pentosaceus</i> RF-1 | Biotechnology and Biotechnological Equipment       |     |           | 1   | 13  | 2017 | 13102818  | Q4 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019664713&amp;doi=10.1007/s11616-017-1097-z">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019664713&amp;doi=10.1007/s11616-017-1097-z</a>           |
| 36 |     | A03908 | Dr. Mohd Rafein Zakaria             | Article          |  | Dzulkurnain Z., Hassan M.A., <b>Zakaria M.R.</b> , Wahab P.E.M., Hasan M.Y., Shirai Y.   | Co-composting of Municipal Sewage Sludge and Landscaping Waste: A Pilot Scale Study   | Waste and Biomass Valorization                     | 8   | 3         | 695 | 705 | 2017 | 18772641  | Q4 |  | <a href="https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001574786&amp;doi=10.1007/s11340-017-0477-4">https://www.scopus.com/inward/record.uri?eid=2-s2.0-85001574786&amp;doi=10.1007/s11340-017-0477-4</a>           |
| 37 |     | A03663 | Assoc. Prof. Dr. Hidayah Ariffin    | Article          |  | Lau Kia Kian, Mohamad Jawaid, <b>Hidayah Ariffin</b> , Othman Allothman  | Isolation and characterization of microcrystalline cellulose from roselle fiber   | International Journal of Biological Macromolecules | 103 | Oct-17    | 931 | 940 | 2017 | 01418130  | Q1 |  | <a href="https://academic.elsevier.com/elsevier/locate/S0141813017317300/1-s2.0-S0141813017317300">https://academic.elsevier.com/elsevier/locate/S0141813017317300/1-s2.0-S0141813017317300</a>                             |
| 38 |     | A02157 | Prof. Dr. Luqman Chuah Abdullah     | Article          |  | Intidhar Jabir Idan1,2, <b>Luqman Chuah Abdullah</b> 1,3, Dalia Sadiq Mahdi4, Maytham Kadhim Obaid1,2, Siti Nurul Ain Binti Md. Jamil5 | Adsorption of Anionic Dye Using Cationic Surfactant-Modified Kenaf Core Fibers  | Open Access Library Journal                        | 4   |           |     |     | 2017 | ISSN Online: 2333-9721<br>ISSN Print: 2333-9705 |    |  | <a href="http://file.scirp.org/pdf/OALibJ_2017072416573041.pdf">http://file.scirp.org/pdf/OALibJ_2017072416573041.pdf</a>   |

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| 39 |  | A02157 | Prof. Dr. Luqman Chuah Abdullah      | Article |  | SaifulAzry, S. O. A.1*, <b>Chuah, T. G.1,2</b> , Paridah M. T.1,3, Aung, M. M.1,4 and Edi S. Z.1,2  | Effects of Polymorph Transformation via Mercerisation on Microcrystalline Cellulose Fibres and Isolation of Nanocrystalline Cellulose Fibres  | Pertanika J. Sci. & Technol.            | 25  | 4      | 1275 | 1290 | 2017 | 01287680 |        | <a href="http://www.pertanika.upm.edu.my/Pertanika%20PAPERS/JS%20Vol.%2025%2017-2018">http://www.pertanika.upm.edu.my/Pertanika%20PAPERS/JS%20Vol.%2025%2017-2018</a>   |
| 40 |  | A02157 | Prof. Dr. Luqman Chuah Abdullah      | Article |  | SABA RASHIDI*, RASHMI, W., <b>LUQMAN CHUAH ABDULLAH</b> , KHALID, M., FAKHRUL-RAZI AHMADUN & M.Y. FAIZAH  | Thermal Stability and Conductivity of Carbon Nanotube Nanofluid using Xanthan Gum as Surfactant   | Sains Malaysiana                        | 46  | 7      | 1017 | 1024 | 2017 | 01266039 | Q3     | <a href="https://www.researchgate.net/publication/320021417_Thermal_Stability_and_Conductivity_of_Carbon_Nanotube_Nanofluid_using_Xanthan_Gum_as_Surfactant">https://www.researchgate.net/publication/320021417_Thermal_Stability_and_Conductivity_of_Carbon_Nanotube_Nanofluid_using_Xanthan_Gum_as_Surfactant</a> |
| 41 |  | A02158 | Prof. Dr. Luqman Chuah Abdullah      | Article |  | Emiliana Rose Jusoh, <b>Luqman Chuah Abdullah</b> , Min Min Aung, Mek Zah Salleh, Mahiran Basri, Sariah Saalah, Suhaini Mamat and Ching Yern Chee | Physico-chemical characterisation of epoxy acrylate resin from jatropa seed oil   | Pigment & Resin Technology              | 46  | 6      | 485  | 495  | 2017 | 03699420 |        | <a href="http://www.emeraldinsight.com/doi/pdfplus/10.1108/PRT-11-2016-0116">http://www.emeraldinsight.com/doi/pdfplus/10.1108/PRT-11-2016-0116</a>   |
| 42 |  | A03473 | Dr. Ainun Zuriyati Mohamed @ Asa'ari | Article |  | Rafidah, D., <b>Ainun, Z. M. A.</b> , Hazwani, H. A., Rushdan, I., Luqman, C. A., Sharmiza, A., Paridah, M. T. and Jalaluddin, H.                 | Characterization of pulp and paper manufactured from oil palm empty fruit bunches and kenaf fibers  | Pertanika-JTAS                          | 40  | 3      | 449  | 458  | 2017 | 15113701 |        | <a href="http://www.pertanika.upm.edu.my/Pertanika%20PAPERS/JTAS%20Vol.%2040%2017-2018">http://www.pertanika.upm.edu.my/Pertanika%20PAPERS/JTAS%20Vol.%2040%2017-2018</a>   |
| 43 |  | PD0387 | Dr. Ferial Ghaemi                    | Article |  | Sajjad Abbasi, Ali Sarafraz-Yazd, Amirhassan Amiri, <b>Ferial Ghaemi</b>  | Development of novel magnetic solid-phase extraction sorbent based on Fe3O4/carbon nanosphere/polypyrrole composite and their application to the enrichment of polycyclic aromatic hydrocarbons from water samples prior to GC-FID analysis | Journal of the Iranian Chemical Society |     |        |      | 9    | 2017 | 17352428 | Q2     | <a href="https://link.springer.com/article/10.1007/s13738-017-1218-6">https://link.springer.com/article/10.1007/s13738-017-1218-6</a>   |
| 44 |  | A03664 | Assoc. Prof. Dr. Hidayah Ariffin     | Article |  | Nur Syazana Muhd Nasrah, Mior Ahmad Khushairi Mohd Zahari, Nasratun Masngut, <b>Hidayah Ariffin</b> .   | Factorial experimental design for biobutanol production from oil palm frond (OPF) juice by Clostridium acetobutylicum ATCC 824.   | Chemical Engineering Research Bulletin. | 19  |        | 36   | 42   | 2017 | 20729510 | Scopus | <a href="https://www.banglajol.info/index.php/CERB">https://www.banglajol.info/index.php/CERB</a>   |
| 45 |  | A04229 | Dr. Mohd Zulkhairi Mohd Yusoff       | Article |  | Mohd Zulkhairi Mohd Yusoff, Hironaga Akitaa, Mohd Ali Hassan, Shinji Fujimoto, Masaru Yoshida, Nobutaka Nakashima, Tamotsu Hoshino                | Production of acetoin from hydrothermally pretreated oil mesocarp fiber using metabolically engineered Escherichia coli in a bioreactor system  | Bioresource Technology                  | 245 | Part A | 1040 | 1048 | 2017 | 09608524 | Q1     | <a href="https://doi.org/10.1016/j.biortech.2017.08.131">https://doi.org/10.1016/j.biortech.2017.08.131</a>   |
| 46 |  | A02829 | PROF. MADYA DR. SRIDAR RAMACHANDRAN  | ARTICLE |  | Ng, S.I., Chia, K.W., Ho, J.A., <b>Ramachandran, S.</b>   | Seeking tourism sustainability – A case study of Tioman Island, Malaysia  | SCOPUS                                  | 58  | 1      | 101  | 107  | 2017 | 02615177 | Q1     | <a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84993929606&amp;origin=resultslist">https://www.scopus.com/record/display.uri?eid=2-s2.0-84993929606&amp;origin=resultslist</a>   |

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| 47 | - | A03778  | Dr. Puan Chong Leong                | article in press |  | Phooi Kuan Chang , <b>Chong Leong Puan</b> , Siew Ann Yee and Jalil Abu                           | Vocal individuality of large-tailed nightjar ( <i>Caprimulgus macrurus</i> ) in Peninsular Malaysia                 | ISI WEB OF KNOWLEDGE | belum ada volume number since diterbitkan online with doi | belum ada issue no since diterbitkan online with doi | 1   | 14  | 2017 | 0952-4622 (Print)<br>2165-0586 (Online) | Q2 |  | <a href="https://www.scopus.com/recording/display.uri?eid=2-s2.0-85016118935&amp;origin=resultslist">https://www.scopus.com/recording/display.uri?eid=2-s2.0-85016118935&amp;origin=resultslist</a> |
| 48 | - | A01788  | Prof. Dr. Rusea Go                  | Article          |  | <b>Go, R.</b> , Moudi, M.   | Morphological study of four sections of genus <i>Dendrobium Sw.</i> (orchidaceae) in Peninsular Malaysia            | SCOPUS               | 49  | 2  | 569 | 577 | 2017 | 5563321                                 | Q2 |  | <a href="https://www.scopus.com/recording/display.uri?eid=2-s2.0-85016996295&amp;origin=resultslist">https://www.scopus.com/recording/display.uri?eid=2-s2.0-85016996295&amp;origin=resultslist</a> |
| 49 | - | A02829  | PROF. MADYA DR. SRIDAR RAMACHANDRAN | ARTICLE          |  | Ho, J.A., Chia, K.W., Ng, S.I., <b>Ramachandran, S.</b>   | Problems and Stakeholder Responsibilities in Island Tourism: The Case of Tioman Island in Malaysia                  | SCOPUS               | 41  | 4  | 445 | 474 | 2017 | 10963480                                | Q1 |  | <a href="https://www.scopus.com/recording/display.uri?eid=2-s2.0-85018748320&amp;origin=resultslist">https://www.scopus.com/recording/display.uri?eid=2-s2.0-85018748320&amp;origin=resultslist</a> |
| 50 | - |         | P.M. DR NOLILA MD. NAWI             | ARTICLE          |  | Umar, S., Man, N., <b>Nawi, N.M.</b> , Latif, I.A., Samah, B.A.                                   | Core competency requirements among extension workers in peninsular Malaysia: Use of Borich's needs assessment model | SCOPUS               | 62  |  | 9   | 14  | 2017 | 1497189                                 | Q2 |  | <a href="https://www.scopus.com/recording/display.uri?eid=2-s2.0-85012059554&amp;origin=resultslist">https://www.scopus.com/recording/display.uri?eid=2-s2.0-85012059554&amp;origin=resultslist</a> |
| 51 | - | A03778  | Dr. Puan Chong Leong                | ARTICLE          |  | Subedi, T.R., Decandido, R., Baral, H.S., Gurung, S., Gurung, S., <b>Puan, C.L.</b> , Sah, S.A.M. | Population Structure and Annual Migration Pattern of Steppe Eagles at Thoolakharka Watch Site, Nepal, 2012-2014     | SCOPUS               | 51  | 2  | 165 | 171 | 2017 | 8921016                                 | Q3 |  | <a href="https://www.scopus.com/recording/display.uri?eid=2-s2.0-85020728109&amp;origin=resultslist">https://www.scopus.com/recording/display.uri?eid=2-s2.0-85020728109&amp;origin=resultslist</a> |
| 52 | - | SEM2128 | jean marc roda                      | ARTICLE          |  | Mayossa, P.C.K., Gadal, S., <b>Roda, J.-M.</b>  | Remote sensing of industrial palm groves in Cameroon  | SCOPUS               | -   | 1  | 16  | 20  | 2017 | 18236782                                | -  |  | <a href="https://www.scopus.com/recording/display.uri?eid=2-s2.0-85026513859&amp;origin=resultslist">https://www.scopus.com/recording/display.uri?eid=2-s2.0-85026513859&amp;origin=resultslist</a> |
| 53 | - | A03778  | Dr. Puan Chong Leong                | In Press         |  | Pilla, P., C.L. <b>Puan</b> , V.-C. Lim, B. Azhar & M. Zakaria                                    | Sunda Scops-Owl density estimation via distance sampling and call playback  | ISI WEB OF KNOWLEDGE | -   | -  | -   | -   | 2017 | -                                       | -  |  | <a href="https://drive.google.com/open?id=1xuKCBdX_Kt_mSfvqINGUJPECq4VurGQP">https://drive.google.com/open?id=1xuKCBdX_Kt_mSfvqINGUJPECq4VurGQP</a>   |
| 54 | - | A03778  | Dr. Puan Chong Leong                | In Press         |  | <b>Puan, C.L.</b> , W.L. Ng, C.S.Y. Yong & A.J. Norehan   | Morphometric sexing of Little Spiderhunter ( <i>Arachnothera longirostra</i> ) in Peninsular Malaysia               | scopus               | -   | -  | -   | -   | 2017 | -                                       | -  |  | <a href="https://drive.google.com/open?id=1dFOZ5ZdjhLyA8IppfXyf9sMp5jGV4eZK">https://drive.google.com/open?id=1dFOZ5ZdjhLyA8IppfXyf9sMp5jGV4eZK</a>   |

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| 55 | - | A03090 | Prof. Madya Dr. Hazandy Abdul Hamid | Accepted |  | Sigau, C.U. and <b>Abdul-Hamid, H.</b>   | Soil CO2 Efflux of oil palm and rubber plantation in 6-year-old and 22-year-old chronosequence                | ISI WEB OF KNOWLEDGE | -  | -   | 1  | 36 | 2017 | 1511-3701 | -  |  | <a href="https://drive.google.com/open?id=1Z4afb1tELs4hqwM_AdtwFAaykCH4AtX">https://drive.google.com/open?id=1Z4afb1tELs4hqwM_AdtwFAaykCH4AtX</a>   |
| 56 | - | A03238 | Prof. Madya Dr. Zaiton Samdin       | Accepted |  | Nurshahirah W. Marican, Nollia M. Naw, Nitty Hirawaty Kamarulzaman and <b>Zaiton Samdin</b>      | Public Perception Towards Sustainable Mangrove Forest Programs in Malaysia                                    | Scopus               | -  | -   | 1  | 7  | 2017 | 1823-8556 | -  |  | <a href="https://drive.google.com/open?id=1L_CCqqJvoZU_aMzOkGeZsMt1U_NvxVkj">https://drive.google.com/open?id=1L_CCqqJvoZU_aMzOkGeZsMt1U_NvxVkj</a> |
| 57 | - |        | Dr. Siti Nurhidayu Abu Bakar        | Article  |  | N. Harun, N.Z., <b>Nurhidayu, S.</b> , and Roslan, K.  | Physicochemical analysis of water bodies in the matang mangrove, peninsular Malaysia                          | Scopus               | 80 | 1   | 43 | 54 | 2017 | 0302-2935 | Q4 |  | <a href="https://drive.google.com/open?id=1NaTD7lg9UNJBNEg6WMPVckGpGGw1dxw">https://drive.google.com/open?id=1NaTD7lg9UNJBNEg6WMPVckGpGGw1dxw</a>   |
| 58 | - |        | Dr. Siti Nurhidayu Abu Bakar        | Article  |  | N. Syuhada, <b>S. Nurhidayu</b> and M. Sofiyah   | The effects of forest disturbance on lakes and reservoirs capacity in Malaysia                                | Scopus               | 81 | 1   | 72 | 98 | 2017 | 0302-2935 | Q4 |  | <a href="https://drive.google.com/open?id=1KnB0sslqx8gWjzblclYyv1dqH1b4hFhr">https://drive.google.com/open?id=1KnB0sslqx8gWjzblclYyv1dqH1b4hFhr</a> |
| 59 | - |        | Dr. Siti Nurhidayu Abu Bakar        | Article  |  | Faizalhakim, A.S, <b>Nurhidayu, S.</b> , Norizah, K., Shamsuddin, I., Hakeem, K.R & Ismail Adnan | Climate Variability in Relation with land use changes over a 30-year period in Kelantan river basin           | Scopus               | 80 | 1   | 12 | 30 | 2017 | 0302-2935 | Q4 |  | <a href="https://drive.google.com/open?id=18Kkd4ZNxWcaIVhq4c89f2o7VP3VnKVI">https://drive.google.com/open?id=18Kkd4ZNxWcaIVhq4c89f2o7VP3VnKVI</a>   |
| 60 | - |        | Dr. Sheriza Mohd Razali             | Review   |  | <b>Sheriza Razali</b>  | Assessing Net Primary Productivity of Evergreen Tropical Monsoon Forests Employing MODIS satellite image data | ISI WEB OF KNOWLEDGE | 11 | 101 | -  | -  | 2017 | 1866-7511 | Q4 |  | <a href="https://drive.google.com/open?id=1AUSTRAjR8vwOC-iy1C-5Sj2PrMaG6nbC">https://drive.google.com/open?id=1AUSTRAjR8vwOC-iy1C-5Sj2PrMaG6nbC</a> |