# SECTION C: QUANTITY AND QUALITY OF RESEARCH

## Section C1: Publications

### Section C1 (a) (i): Total number of publications in SCOPUS/WOS/ERA indexed journals

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<td>Ruzana Adibah Mohd Sanusi, Hazandy Abdul Hamid, Ahmad Ainuddin Nuruddin</td>
<td>Stable isotope ratio (Stable isotope ratio (A13c) responses of platycerium bifurcatum at different light intensity levels</td>
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<td>Hossein M.D., Akoo M.H., Nuruddin A.A., Jalal, H., Hamid, H.A.</td>
<td>Physio-agronomic performance of Isfand as influenced by different carbon levels</td>
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<td>Krejzd Reza Naj, Abdul Hamid, Mohammad Fari</td>
<td>Radial variation of fiber dimensions, annual ring width, and wood density from natural and plantation trees of Alder (Alnus glutinosa) wood</td>
<td>Wood Research</td>
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<td>Mohd Razali, S. Marin Atucha, A.A., Nuruddin A.A., Abdul Hamid, H., Mohd Shafri, H.Z.</td>
<td>Monitoring vegetation drought using MODIS remote sensing indices for natural forest and plantation areas</td>
<td>Journal of Spatial Science</td>
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<td>Farid L. Nuruddin, A.A., Malek, I.A.A, Rasid, S.M.</td>
<td>Analysis of hotspot pattern distribution at sabah, malayia for forest fire management</td>
<td>Journal of Environmental Science and Technology</td>
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<td>Jisk A., Nuruddin A.A., Go, B., Tahir, P.M.</td>
<td>Leaves calorific values of selected species in burnt tropical peat swamp forest in Selanger, Malaysia</td>
<td>American Journal of Environ</td>
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<td>Ismail, H., Marandi, S.K., Fasoff, A.M., Hossein, N.H., Dukor, R.A.A.A</td>
<td>In Vitro micropropagation of Acacia auriculiformis from selected juvenile sources</td>
<td>Dendrobiology</td>
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<td>Mohd Hadi Akbar Basri, Arifin Abdu, Md. Rezaul Karim, Hazandy Abdul Hamid, Noor Syahirah Norashid &amp; Noorsuhaila Abu Bakar</td>
<td>Optimizing fertilizers doses and their effects on photosynthesis and biomass yield of flibeesus cambellii cultivated on BRS soil</td>
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<td>Abedi P., Jahanfar S., Namvar F., Lee J.</td>
<td>Breastfeeding or nipple stimulation for reducing postpartum haemorrhage in the third stage of labour</td>
<td>Cochrane Database of Systematic Reviews</td>
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<td>Yam L.W., Lim L., Hosseini S., Choong T.S.Y.</td>
<td>Enhancement of phenol adsorption on mesoporous carbon monolith modified by NaOH and NH3: equilibrium and kinetic studies</td>
<td>Desalination and Water Treatment</td>
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<td>Dhurga Devi, Rajaratnam, Hidayah Ariffin, Mohd Ali Hassan, Yoshihito Shira</td>
<td>Changes in diad sequence distribution by preferential chain scission during the thermal hydrolysis of poly(3-hydroxybutyrate co-3-hydroxyhexanoate)</td>
<td>Polymer Journal</td>
<td>48</td>
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<td>839-842</td>
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<td>Muhammad Naseer, Mohd Warid, Hidayah Ariffin, Mohd Ali Hassan, Yoshihito Shira</td>
<td>Optimization of Superheated Steam Treatment to Improve Surface Modification of Oil Palm Biomass Fiber</td>
<td>Bioresources</td>
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Zahari N.I., Shah U.K.M., Mohd N.R.
Selection of potential fungi for production of cellulase-poor xylanase from rice straw
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Recent Development in Sugar Palm (Arenga pinnata) Based Composites and Their Potential Industrial Applications: A Review

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8. Polat, S.M, Sapuan, M. Jawaid, Z. Leman and E.S. Zainudin
   Investigating Ballistic Impact Properties of Woven Banaf-Aramid Hybrid Composites

9. Mohammed Larim Sanyang, S.M. Sapuan, Mohammad Jawaid, Mohamed Rabwan Asbak
   and Japar Sahari
   Effect of Sugar Palm-derived Cellulose Reinforcement on the Mechanical and Water Barrier Properties of Sugar Palm
   Starch Biocomposite Films
   Bioresources 11 2 9143 9145 2016 09302216 17 10.1557/jnc
   North Carolina State University Article

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    Volumetric Composition and Shear Strength Evaluation of Pultruded Hybrid Kenaf-Glass Fiber Composites
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Investigation on the Water Absorption Characteristics of Materials in Viewers from Oil Palm Stem

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26. Rashidah Mohd Bakri, Zakiah Ahmad, Afdlin Abu Bakar and Faridah Md Tahir

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Effect of Cellulose Fiber Scale on Linear and Non-linear Mechanical Performance of Starch-based Composites

International Journal of Biological Macromolecules 91 1 1040 1044 2016 20161820 (Q2) 10.1016/j.ibiomac.2016.06.061 Elsevier Article Scopus


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Hybrid Particleboard made from Bamboo [(Dendrocalamus muelleri) veneer] Waste and Rubberwood (Hevea Brasiliensis) in Composites

Bioresources 11 1 306 323 2016 30362126 (Q2) 10.15376/biores.11.2.3575-3586 North Carolina State University Article Scopus

30. M. Saba, M. Jawaid, Othman Y. Kalthman and M.T. Paridah

A Review on Dynamic Mechanical Properties of Natural Fiber Reinforced Polymer Composites

Construction and Building Materials 106 1 149 159 2016 09908618 (Q2) 10.1016/j.conbuildmat.2016.03.075 Elsevier Ltd Review Scopus

31. Nihed Sato, Mohammad Jawaid, Othman Y. Kalthman, Jeff Paridah and Aaron Hassan

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Sains Malaysia 45 2 355 262 2016 13266039 (Q3) 10.11113/jt.v78.8627 Penerbit Universiti Kebangsaan Malaysia Article Scopus


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Bioresources 11 1 3175 3188 2016 30362126 (Q2) 10.15376/biores.11.2.3575-3586 North Carolina State University Article Scopus


Partial Replacement of Glass Fiber by Woven Kevlar-reinforced Poly vinyl butyral Film in Hybrid Composites

Bioresources 11 1 2665 2683 2016 30362126 (Q2) 10.15376/biores.11.2.3575-3586 North Carolina State University Article Scopus


Tension-Compression Fatigue Behavior of Plain Woven Kevlar/Resin Hybrid Composites

Bioresources 11 2 3175 3186 2016 30362126 (Q2) 10.15376/biores.11.2.3575-3586 North Carolina State University Article Scopus


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Influence of Fiber Content on Mechanical and Morphological Properties of Woven Kevlar Reinforced Polylactide Composites Produced Using a Hot Press Technique

International Journal of Polymer Science 2016 7828451 1 13 2016 16879422 (Q2) 10.1155/2016/7828451 Hindawi Publishing Corporation Article Scopus
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