

TOP 1%



AMERICAN JOURNAL OF SPORTS MEDICINE

Yoon K.H., Lee H.W., Park S.Y., Yeak R.D.K., Kim J.-S., Park J.-Y.

Meniscal Allograft Transplantation After Anterior Cruciate Ligament Reconstruction Can Improve Knee Stability: A Comparison of Medial and Lateral Procedures



REVIEWS IN AQUACULTURE

Yukgehnaish K., Kumar P., Sivachandran P., Marimuthu K., Arshad A., Paray B.A., Arockiaraj J.
Gut microbiota metagenomics in aquaculture: factors influencing gut microbiome and its physiological role in fish

TOP 10%

2020

AUGUST

JCR TOP 1% & 10% JOURNAL PUBLICATIONS



Full details on the publications are available at our website

www.rmc.upm.edu.my

Research Management Centre UPM



INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES

Kian L.K., Saba N., Jawaid M., Fouad H.
Characterization of microcrystalline cellulose extracted from olive fiber

APPLIED SOFT COMPUTING JOURNAL

Veerasamy V., Wahab N.I.A., Ramachandran R., Madasamy B., Mansoor M., Othman M.L., Hizam H.
A novel RK4-Hopfield Neural Network for Power Flow Analysis of power system



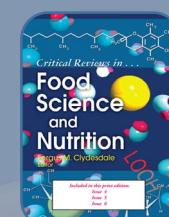
CARBOHYDRATE POLYMERS

Kian L.K., Saba N., Jawaid M., Alothman O.Y., Fouad H.
Properties and characteristics of nanocrystalline cellulose isolated from olive fiber



FOOD CHEMISTRY

Chaosap C., Sitthigripang R., Sivapirunthep P., Pungsuk A., Adeyemi K.D., Sazili A.Q.
Myosin heavy chain isoforms expression, calpain system and quality characteristics of different muscles in goats



CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION

Lee Y.-Y., Tang T.-K., Phuah E.-T., Tan C.-P., Wang Y., Li Y., Cheong L.-Z., Lai O.-M.
Production, safety, health effects and applications of diacylglycerol functional oil in food systems: a review



JOURNAL OF CLEANER PRODUCTION

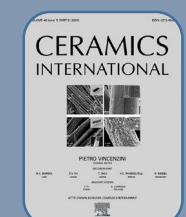
Lawal A.A., Hassan M.A., Farid M.A.A., Yasim-Anuar T.A.T., Yusoff M.Z.M., Zakaria M.R., Roslan A.M., Mokhtar M.N., Shirai Y.
Production of biochar from oil palm frond by steam pyrolysis for removal of residual contaminants in palm oil mill effluent final discharge

Shamshiri R.R., Bojic I., van Henten E., Balasundram S.K., Dworak V., Sultan M., Weltzien C.
Model-based evaluation of greenhouse microclimate using IoT-Sensor data fusion for energy efficient crop production



PARASITES & VECTORS

Nguyen V.-L., Colella V., Greco G., Fang F., Nurcahyo W., Hadi U.K., Venturina V., Tong K.B.Y., Tsai Y.-L., Taweethavonsawat P., Tiwananthagorn S., Tangtrongsup S., Le T.Q., Bui K.L., Do T., Watanabe M., Rani P.A.M.A., Dantas-Torres F., Halos L., Beugnet F., Otranto D.
Molecular detection of pathogens in ticks and fleas collected from companion dogs and cats in East and Southeast Asia



CERAMICS INTERNATIONAL

Alalawi A., Al-Buraihi M.S., Sayyed M.I., Akyildirim H., Arslan H., Zaid M.H.M., Tonguc B.T.
Influence of lead and zinc oxides on the radiation shielding properties of tellurite glass systems

*highlighted white = UPM researchers

facebook.com/UniPutraMalaysia

[@uputramalaysia](https://twitter.com/uputramalaysia)

instagram.com/uniputramalaysia

youtube.com/user/bppupm

AGRICULTURE • INNOVATION • LIFE

BERILMU BERBAKTI
WITH KNOWLEDGE WE SERVE

www.upm.edu.my

4 QUALITY EDUCATION

