



UNIVERSITY
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MEDICINE

PUBLICATION AUGUST 2017



**UNIVERSITY
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**New Publication For The Year of 2017
(1ST AUG – 4th AUG 2017)**



New Publication For The Year of 2017 (1ST AUG – 4TH AUG 2017)

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
1	T. Yogarajah, K. C. Ong and K. T. Wong	AIM2 Inflammasome-Mediated Pyroptosis in Enterovirus A71 Infected Neuronal Cells Restricts Viral Replication	Scientific Reports	(1) PATHOLOGY (2) BIOMED SCI	Article	4.259	Q1
2	F. A. A. Omer, N. M. Hashim, M. Y. Ibrahim, A. F. Aldoubi, P. Hassandarvish, H. Karimian, M. A. Abdulla and L. Z. A. Salim	Beta-mangostin demonstrates apoptosis in murine leukaemia (WEHI-3) cells in vitro and in vivo	Bmc Complementary and Alternative Medicine	(1) PHARMACY (2) PHARMACOLOGY (3) MED MICROBIOLOGY (4) BIOMED SCI	Article	2.288	Q1
3	G. A. Ata'Allah, N. A. M. Adenan, N. Razali, R. Saad, S. K. Idris and J. Ali	Comparative characteristics of spermatozoa harvested and cryopreserved in culture and cryoprotectant media with or without donor serum proteins	Reproductive Biology	(1) O&G (2) PATHOLOGY	Article	1.513	Q4
4	N. E. Sim	Discontinuation and non-publication of neurodegenerative disease trials: a cross-sectional analysis	European Journal of Neurology	(1) DEANS OFF	Article	3.988	Q1
5	T. A. Kamalden	The epidemiology of Open Globe Injuries presenting to a tertiary referral eye hospital in Australia	Injury-International Journal of the Care of the Injured	(1) OPHTHALMOLOGY	Article	1.894	Q2
6	K. K. Tan, L. Y. Chang, S. S. Nore and S. AbuBakar	Geographical distribution of Brucella melitensis inferred from rpoB gene variation	Journal of Infection in Developing Countries	(1) MED MICROBIOLOGY	Article	1.353	Q4
7	N. Razali and S. M. Junit	Molecular investigation of carrageenan production in Kappaphycus alvarezii in different culture conditions: a proteomic approach	Journal of Applied Phycology	(1) MOLECULAR MED	Article	2.616	Q1

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
8	N. Shahrizaila	Optimizing the electrodiagnostic accuracy in Guillain-Barre syndrome subtypes: Criteria sets and sparse linear discriminant analysis	Clinical Neurophysiology	(1) MEDICINE	Article	3.866	Q1
9	H. B. Bueno-de-Mesquita	Pre-diagnostic copper and zinc biomarkers and colorectal cancer risk in the European Prospective Investigation into Cancer and Nutrition cohort	Carcinogenesis	(1) SPM	Article	5.105	Q1



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**New Publication For The Year of 2017
(7TH AUG – 11TH AUG 2017)**

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
1	C. K. Chiu, C. Y. W. Chan and M. K. Kwan	The accuracy and safety of fluoroscopic-guided percutaneous pedicle screws in the thoracic and lumbosacral spine in the Asian population: A CT scan analysis of 1002 screws	Journal of Orthopaedic Surgery	(1) ORTOPAEDIC SURG	Article	0.816	Q4
2	K. K. Ambrose, T. Ishak, L. H. Lian, K. J. Goh, K. T. Wong, A. Ahmad-Annuar and M. K. Thong	Analysis of CTG repeat length variation in the DMPK gene in the general population and the molecular diagnosis of myotonic dystrophy type 1 in Malaysia	Bmj Open	(1) MOLECULAR MED (2) PAEDIATRIC (3) MEDICINE (4) PATHOLOGY (5) BIOMED SCI	Article	2.369	Q1
3	E. M. Khoo	Asthma Control and Care Among Malaysian Primary School Children: A Cross-Sectional Study	Asia-Pacific Journal of Public Health	(1) RUKA	Article	0.811	Q4
4	Y. C. Chia	Awareness, knowledge and practice of dyslipidaemia management among postgraduate primary care trainees in Malaysia: a cross-sectional study	Bmj Open	(1) RUKA	Article	2.369	Q1
5	H. B. Bueno-de-Mesquita	Coffee, tea and melanoma risk: findings from the European Prospective Investigation into Cancer and Nutrition	International Journal of Cancer	(1) SPM	Article	6.513	Q1
6	T. K. Tan, W. Y. Vinnie-Siow, S. T. Tay and Y. A. L. Lim	Contrasting evolutionary patterns between two haplogroups of <i>Haematobia exigua</i> (Diptera: Muscidae) from the mainland and islands of Southeast Asia	Scientific Reports	(1) PARASITOLOGY (2) MED MICROBIOLOGY	Article	4.259	Q1
7	Y. A. L. Lim	Development and initial evaluation of a lateral flow dipstick test for antigen detection of <i>Entamoeba histolytica</i> in stool sample	Pathogens and Global Health	(1) PARASITOLOGY	Article	1.695	Q2

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
8	C. J. Ng, Y. K. Lee and C. H. Teo	Development of a web-based insulin decision aid for the elderly: usability barriers and guidelines	Universal Access in the Information Society	(1) RUKA	Article	1.219	Q3
9	C. H. Yip	Evaluating genetic variants associated with breast cancer risk in high and moderate-penetrance genes in Asians	Carcinogenesis	(1) SURGERY	Article	5.105	Q1
10	C. S. Cheng, W. L. Jong, N. M. Ung and J. H. D. Wong	Evaluation of Imaging Dose From Different Image Guided Systems During Head and Neck Radiotherapy: A Phantom Study	Radiation Protection Dosimetry	(1) BIOMED IMAGING (2) CLINICAL ONCOLOGY	Article	0.917	Q3
11	W. M. Kong, Z. Mohamed, M. A. Alshawsh and Z. Chik	Evaluation of pharmacokinetics and blood-brain barrier permeability of mitragynine using in vivo microdialysis technique	Journal of Pharmaceutical and Biomedical Analysis	(1) PHARMACOLOGY	Article	3.255	Q1
12	X. T. Ching, M. Y. Fong and Y. L. Lau	Evaluation of the Protective Effect of Deoxyribonucleic Acid Vaccines Encoding Granule Antigen 2 and 5 against Acute Toxoplasmosis in BALB/c Mice	American Journal of Tropical Medicine and Hygiene	(1) PARASITOLOGY	Article	2.549	Q2
13	C. H. Teo and C. J. Ng	Factors influencing young men's decision to undergo health screening in Malaysia: a qualitative study	Bmj Open	(1) RUKA	Article	2.369	Q1
14	F. Ahmadipour	Four novel ARSA gene mutations with pathogenic impacts on metachromatic leukodystrophy: a bioinformatics approach to predict pathogenic mutations	Therapeutics and Clinical Risk Management	(1) PHARMACY	Article	2.2	Q2

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
15	R. Jayakumar	Growth performance, muscle biochemical constituents, amino acid and fatty acid compositions of the giant freshwater prawn, <i>Macrobrachium rosenbergii</i> , fed with herb-incorporated diet	Aquaculture Nutrition	(1) MOLECULAR MED	Article	1.665	Q2
16	K. H. Leong and Y. L. Lo	In vitro inhibitory mechanisms and molecular docking of 1'-S-1'-acetoxychavicol acetate on human cytochrome P450 enzymes	Phytomedicine	(1) PHARMACY	Article	3.526	Q1
17	M. P. Tan	The interrater and test-retest reliability of the Home Falls and Accidents Screening Tool (HOME FAST) in Malaysia: Using raters with a range of professional backgrounds	Journal of Evaluation in Clinical Practice	(1) MEDICINE	Article	1.25	Q3
18	W. K. Phyu, K. C. Ong and K. T. Wong	Modelling person-to-person transmission in an Enterovirus A71 orally infected hamster model of hand-foot-and-mouth disease and encephalomyelitis	Emerging Microbes & Infections	(1) PATHOLOGY (2) BIOMED SCI	Article	5.605	Q1
19	R. M. Yunus, N. N. Hairi, W. Y. Choo, F. M. Hairi, R. Sooryanarayana, D. Peramalah and A. Bulgiba	Mortality among elder abuse victims in rural Malaysia: A two-year population-based descriptive study	Journal of Elder Abuse & Neglect	(1) SPM	Article	0.132	Q4
20	S. V. Naveen, S. Mohan and T. Kamarul	Osteogenic priming potential of bovine hydroxyapatite sintered at different temperatures for tissue engineering applications	Materials Letters	(1) ORTOPAEDIC SURG	Article	2.437	Q2
21	K. H. Wong	An Overview of Culinary and Medicinal Mushrooms in Neurodegeneration and Neurotrauma Research	International Journal of Medicinal Mushrooms	(1) ANATOMY	Article	1.272	Q4

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
22	R. Chellian, V. Pandey and Z. Mohamed	Pharmacology and toxicology of alpha- and beta-Asarone: A review of preclinical evidence	Phytomedicine	(1) PHARMACOLOGY	Review	3.526	Q1
23	F. L. Altice	A qualitative assessment of an abstinence-oriented therapeutic community for prisoners with substance use disorders in Kyrgyzstan	Harm Reduction Journal	(1) CERIA	Article	1.88	Q3
24	S. Y. Loh	RELIABILITY AND VALIDITY OF INTERNATIONAL PHYSICAL ACTIVITY QUESTIONNAIRE, BAHASA MALAYSIA VERSION: A PRELIMINARY STUDY	South African Journal for Research in Sport Physical Education and Recreation	(1) REHAB MED	Article	0.19	Q4
25	M. K. Kwan, C. K. Chiu and C. Y. W. Chan	The use of fluoroscopic guided percutaneous pedicle screws in the upper thoracic spine (T1-T6): Is it safe?	Journal of Orthopaedic Surgery	(1) ORTHOPAEDIC SURG	Article	0.816	Q4
26	J. Vadivelu	Vertically oriented ZrO ₂ -TiO ₂ -Nb ₂ O ₅ -Al ₂ O ₃ mixed nanopatterned bioceramics on Ti6Al7Nb implant assessed by laser spallation technique	Journal of Alloys and Compounds	(1) MED MICROBIOLOGY	Article	3.133	Q1
27	Y. C. Chia and H. M. Lim	Visit-to-visit SBP variability and cardiovascular disease in a multiethnic primary care setting: 10-year retrospective cohort study	Journal of Hypertension	(1) RUKA	Article	5.062	Q1



**New Publication For The Year of 2017
(14th AUG – 18th AUG 2017)**

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
1	T. Y. Chung	Analysis of Interrelationships among Voluntary and Prosthetic Leg Joint Parameters Using Cyclograms	Frontiers in Neuroscience	(1) REHAB MED	Article	3.566	Q2
2	R. M. Yunus, S. W. Wazid, N. N. Hairi, W. Y. Choo, F. M. Hairi, R. Sooryanarayana, D. Peramalah and A. B. A. Mahmud	Association between elder abuse and poor sleep: A cross-sectional study among rural older Malaysians	Plos One	(1) SPM	Article	2.806	Q1
3	S. R. M. Zin, N. M. Kassim, M. A. Alshawsh, N. E. Hashim and Z. Mohamed	Biological activities of <i>Anastatica hierochuntica</i> L.: A systematic review	Biomedicine & Pharmacotherapy	(1) ANATOMY (2) PHARMACOLOGY	Review	2.759	Q2
4	K. H. Ghahramanloo, R. T. Widodo and M. I. Noordin	Comparative analysis of essential oil composition of Iranian and Indian <i>Nigella sativa</i> L. extracted using supercritical fluid extraction and solvent extraction	Drug Design Development and Therapy	(1) PHARMACY	Article	2.822	Q2
5	Y. T. Liew, S. S. Soo, A. M. Nathan and A. M. Manuel	Congenital nasal cavity stenosis in children with craniosyntosis: A report of 4 rare cases	Auris Nasus Larynx	(1) ENT (2) PAEDIATRIC	Article	1.122	Q3
6	H. B. Bueno-De-Mesquita	Consumption of Fish Is Not Associated with Risk of Differentiated Thyroid Carcinoma in the European Prospective Investigation into Cancer and Nutrition (EPIC) Study	Journal of Nutrition	(1) SPM	Article	4.145	Q1
7	S. Y. Loh, N. Giribabu and N. Salleh	Effects of gonadectomy and testosterone treatment on aquaporin expression in the kidney of normotensive and hypertensive rats	Experimental Biology and Medicine	(1) PHYSIOLOGY	Article	2.688	Q2

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
8	H. Y. Nam, H. R. B. Raghavendran, A. A. Abbas, A. M. Merican and T. Kamarul	Fate of tenogenic differentiation potential of human bone marrow stromal cells by uniaxial stretching affected by stretch-activated calcium channel agonist gadolinium	Plos One	(1) ORTOPAEDIC SURG	Article	2.806	Q1
9	Y. A. L. Lim	Hookworm infections among migrant workers in Malaysia: Molecular identification of Necator americanus and Ancylostoma duodenale	Acta Tropica	(1) PARASITOLOGY	Article	2.218	Q2
10	A. H. Sulaiman	International multi-site survey on the use of online support groups in bipolar disorder	Nordic Journal of Psychiatry	(1) PSYCHOLOGY	Article	1.406	Q3
11	J. W. K. Liew, M. Y. Fong and Y. L. Lau	Quantitative real-time PCR analysis of Anopheles dirus TEP1 and NOS during Plasmodium berghei infection, using three reference genes	Peerj	(1) PARASITOLOGY	Article	2.177	Q2
12	H. Shahzad, N. Giribabu, K. Karim, N. Kassim and N. Salleh	Quercetin interferes with the fluid volume and receptivity development of the uterus in rats during the peri-implantation period	Reproductive Toxicology	(1) PHYSIOLOGY (2) ANATOMY	Article	2.341	Q2
13	S. Y. Fung, S. S. Lee, N. H. Tan and J. Pailoor	Safety assessment of cultivated fruiting body of Ophiocordyceps sinensis evaluated through subacute toxicity in rats	Journal of Ethnopharmacology	(1) MOLECULAR MED (2) PATHOLOGY	Article	2.981	Q1
14	R. Shrestha, D. Weikum, M. Copenhaver and F. L. Altice	A Self-report Measure to Detect Neurocognitive Impairment Among Incarcerated People Living with HIV in Malaysian Context: an Exploratory Factor Analysis	International Journal of Mental Health and Addiction	(1) CERIA	Article	1.179	Q4



**New Publication For The Year of 2017
(21st AUG – 25th AUG 2017)**

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
1	J. K. F. Lai, I. C. Sam and Y. F. Chan	2BC Non-Structural Protein of Enterovirus A71 Interacts with SNARE Proteins to Trigger Autolysosome Formation	Viruses-Basel	(1) MED MICROBIOLOGY	Article	3.465	Q2
2	P. Lall, R. Saifi, N. N. Azmi, V. Pillai, A. Kamarulzaman and J. A. Wickersham	Acceptability of a microfinance-based empowerment intervention for transgender and cisgender women sex workers in Greater Kuala Lumpur, Malaysia	Journal of the International Aids Society	(1) MEDICINE	Article	6.296	Q1
3	R. H. Ahmed, H. Z. Huri, B. Al-Absi and A. Alsalahi	Altered circulating concentrations of active glucagon-like peptide (GLP-1) and dipeptidyl peptidase 4 (DPP4) in obese subjects and their association with insulin resistance	Clinical Biochemistry	(1) MOLECULAR MED (2) PHARMACY (3) PHARMACOLOGY	Article	2.434	Q2
4	V. Pandey, M. Narasingam, K. Vijeepallam and Z. Mohamed	The ethyl acetate fraction of a methanolic extract of unripe noni (<i>Morinda citrifolia</i> Linn.) fruit exhibits a biphasic effect on the dopaminergic system in mice	Experimental Animals	(1) PHARMACOLOGY	Article	1.374	Q2
5	Y. L. Khoo and S. H. Cheah	Humanization of chimeric anti-CD20 antibody by logical and bioinformatics approach with retention of biological activity	Immunotherapy	(1) PHYSIOLOGY	Article	2.716	Q3
6	H. Bassam and A. Zorah	Hypercalcaemia in patients with breast cancer: Patterns and treatment outcomes among in-patients in a Malaysian tertiary healthcare facility	Tropical Journal of Pharmaceutical Research	(1) PHARMACY	Article	0.569	Q4
7	S. N. K. Khodari, M. I. Noordin, L. Chan and Z. Chik	In vitro and in vivo Evaluation of New Topical Anaesthetic Cream Formulated with Palm Oil Base	Current Drug Delivery	(1) PHARMACOLOGY (2) PHARMACY (3) ANAESTHESIOLOGY	Article	2.516	Q2

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
8	R. A. Khan and Z. Aziz	A retrospective study of antibiotic de-escalation in patients with ventilator-associated pneumonia in Malaysia	International Journal of Clinical Pharmacy	(1) PHARMACY	Article	1.337	Q4
9	F. L. Altice	A Self-report Measure to Detect Neurocognitive Impairment Among Incarcerated People Living with HIV in Malaysian Context: an Exploratory Factor Analysis	International Journal of Mental Health and Addiction	(1) MEDICINE	Article	1.179	Q4
10	T. S. Beng, Y. H. Ann, N. C. Guan, L. E. Chin, L. C. Loong, N. T. Ying, T. Y. Teck, H. L. Li and C. B. C. Meng	The Suffering Pictogram: Measuring Suffering in Palliative Care	Journal of Palliative Medicine	(1) MEDICINE (2) PSYCHOLOGY MED (3) DEANS OFF	Article	2.23	Q2
11	K. S. Lim	Validation of the Chinese version of public attitudes toward epilepsy scale in Mainland China	Epilepsy & Behavior	(1) MEDICINE	Article	2.631	Q2
12	S. H. Lim and I. Azwa	Willingness to use pre-exposure prophylaxis (PrEP) for HIV prevention among men who have sex with men (MSM) in Malaysia: findings from a qualitative study	Journal of the International Aids Society	(1) SPM (2) MEDICINE	Article	6.296	Q1



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**New Publication For The Year of 2017
(28th AUG – 31st AUG 2017)**

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
1	M. K. Thong, P. Muthukumarasamy and C. S. Gan	3-Methylglutaconic aciduria, a frequent but underrecognized finding in carbamoyl phosphate synthetase I deficiency	Clinica Chimica Acta	(1) PAEDIATRIC	Article	2.873	Q2
2	R. H. Ahmed, H. Z. Huri, B. Al-Absi, A. Alsalahi and M. F. M. Razif	Altered circulating concentrations of active glucagon-like peptide (GLP-1) and dipeptidyl peptidase 4 (DPP4) in obese subjects and their association with insulin resistance	Clinical Biochemistry	(1) MOLECULAR MED (2) PHARMACY (3) PHARMACOLOGY	Article	2.434	Q2
3	S. Z. Omar and M. A. N. Azmi	Assessment of tumourigenic potential in long-term cryopreserved human adipose-derived stem cells	Journal of Tissue Engineering and Regenerative Medicine	(1) O&G	Article	3.989	Q1
4	S. H. Teo	(Change) in gait after high tibial osteotomy: A systematic review and meta-analysis	Gait & Posture	(1) ORTOPAEDIC SURG	Review	2.347	Q1
5	K. Nadesan, C. Kumari and M. Afiq	Dancing to death: A case of heat stroke	Journal of Forensic and Legal Medicine	(1) PATHOLOGY (2) TRAUMA & EMERGENCY	Article	1.135	Q3
6	M. J. Marret and W. Y. Choo	Factors associated with online victimisation among Malaysian adolescents who use social networking sites: a cross-sectional study	Bmj Open	(1) PAEDIATRIC (2) SPM	Article	2.369	Q1
7	T. Kamarul	Gene Expression Analysis Reveals the Concurrent Activation of Proapoptotic and Antioxidant-Defensive Mechanisms in Flavokawain B-Treated Cervical Cancer HeLa Cells	Integrative Cancer Therapies	(1) ORTOPAEDIC SURG	Article	1.923	Q2

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
8	A. I. El Habbash, N. M. Hashim, M. Y. Ibrahim, F. A. E. Omer, M. A. Rahman and N. Nordin	In vitro assessment of anti-proliferative effect induced by alpha-mangostin from <i>Cratoxylum arborescens</i> on HeLa cells	Peerj	(1) PHARMACY	Article	2.177	Q2
9	N. M. Hashim and M. Rahman	The molecular mechanism of the anticancer effect of Artonin E in MDA-MB 231 triple negative breast cancer cells	Plos One	(1) PHARMACY	Article	2.806	Q1
10	F. Reyhaneh and R. Jayakumar	Morphological and in vitro evaluation of programmed cell death in MCF-7 cells by new organoruthenium(II) complexes	New Journal of Chemistry	(1) MOLECULAR MED	Article	3.269	Q2
11	H. M. Jindal, R. Manikam and S. D. Sekaran	Next generation sequencing reveals the antibiotic resistant variants in the genome of <i>Pseudomonas aeruginosa</i>	Plos One	(1) MED MICROBIOLOGY (2) TRAUMA & EMERGENCY	Article	2.806	Q1
12	M. K. Thong and P. Muthukumarasamy	Noonan syndrome in diverse populations	American Journal of Medical Genetics Part A	(1) PAEDIATRIC	Article	2.259	Q3
13	C. H. Tan and N. H. Tan	A novel in vitro potency assay of antisera against Thai Naja kaouthia based on nicotinic acetylcholine receptor binding	Scientific Reports	(1) MOLECULAR MED (2) PHARMACOLOGY	Article	4.259	Q1
14	N. B. Bujang, C. F. Chee and M. J. C. Buckle	Phosphodiesterase-5 inhibitors and their analogues as adulterants of herbal and food products: analysis of the Malaysian market, 2014-16	Food Additives and Contaminants Part a-Chemistry Analysis Control Exposure & Risk Assessment	(1) PHARMACY	Article	2.047	Q2

NO	AUTHOR	TITLE	SOURCE	DEPARTMENT	DOCUMENT TYPE	IMPACT FACTOR	QUARTILE
15	L. C. Ong, C. S. Teh, J. Darshinee, A. Omar and H. L. Ang	Quality of life of Malaysian children with CHD	Cardiology in the Young	(1) PAEDIATRIC	Article	0.905	Q4
16	F. Hajiaghaalipour, E. Bagheri and M. A. Abdulla	Underlying mechanism for the modulation of apoptosis induced by a new benzoinole derivative on HT-29 colon cancer cells	Rsc Advances	(1) BIOMED SCI (2) PHARMACY	Article	3.108	Q2
17	Y. Y. Khoo	Validation of verbal autopsy: determination of cause of deaths in Malaysia 2013	Bmc Public Health	(1) SPM	Article	2.265	Q2