

# Publications of JKM's Academic Staff for Year 2019

## Journal Publications 2019

NO	STAFF NAME	AUTHORS	DOCUMENT TITLE	SOURCE TITLE	VOLUME	ISSUE	PAGE START	PAGE END	YEAR	INDEX
1	Mohd Rosdzimin bin Abdul Rahman	Azam Che Idris, Mohd Rashdan Saad, Mohd Rosdzimin Abdul Rahman, Fakroul Ridzuan Hashim, Konstantinos Kontis	Experimental Validation of Artificial Neural Network (ANN) Model for Scramjet Inlet Monitoring and Control	International Journal of Recent Technology and Engineering (IJRTE)	7	5S4	558	563	2019	Scopus
2	Mohd Rosdzimin bin Abdul Rahman	Mohd Rosdzimin Abdul Rahman, Mohd Faiz Mohd Zahar, Mohd Rashdan Saad, Azam Che Idris, Norwazan Abdul Rahim	Experiment on Heat Transfer from Plate Fin	International Journal of Recent Technology and Engineering (IJRTE)	7	5S4	0	0	2019	Scopus
3	Mohd Rosdzimin bin Abdul Rahman	Mohd Rosdzimin Abdul Rahman, Siti Noor Aliah Baharom, Hasan Mohd Faizal	Investigation on the Mass Burning Rate of Biodiesel Blended with Ethanol Subjected to Cross Airflow	International Journal of Heat and Technology	37	2	428	432	2019	Scopus
4	Mohd Rosdzimin bin Abdul Rahman	Nurulhasnan Abd Majid, Azam Che Idris, Hasan Mohd Faizal, Mohd Rosdzimin Abdul Rahman, Seyed Ehsan Hosseini	Characteristics of liquid fuel combustion in a novel miniature vortex combustor	Journal of Thermal Analysis and Calorimetry	140	0	1569	1578	2019	Web of Science (WOS)
5	Dian Darina Indah Bte Daruis	Mohd Afzal MAT KIAR, Mohd Nazri AHMAD SABAR, Mohamad Fitri ABDUL HALIM	Initial Ergonomic Risk Assessment On Unrolling and Rolling Fire Hose Activity Among Firefighters at Putrajaya Fire and Rescue Station	Human Factors and Ergonomics Journal	4	2	53	56	2019	NIL
6	Dian Darina Indah Bte Daruis	Deros, B. M., Daruis, D. D. I., & Sukadarin, E. H.	Foot-Transmitted Vibration: Automotive Accelerator Pedal-Pad Vibration on Tarmac and Paved Road	Journal of the Society of Automotive Engineers Mal	3	1	0	0	2019	Google scholar
7	Dian Darina Indah Bte Daruis	Baba M. DEROS, Nishant JEYASEKARAN	ERGONOMICS RISK ASSESSMENT AMONG INFRASTRUCTURE CONSTRUCTION WORKERS IN KUALA LUMPUR	Human Factors & Ergonomics Journal	4	1	32	40	2019	Google scholar
8	Aidy bin Ali	M. K. Faidzi, M. H., Khairul H. Kamarudin and M. R. Saad	Experimental and Simulation Examination on Buckle Strength of Military Climbing Harness	International Journal of Recent Technology and Engineering (IJRTE)	7	5	495	499	2019	Scopus
9	Leong Kin Yuen	Sue Ping Chew, Balamurugan A. Gurunathan, K.Z.Ku Ahmad, Hwai Chyuan Ong	An experimental approach to investigate thermal performance of paraffin wax and 1-hexadecanol based heat sinks for cooling of electronic system	International Communications in Heat and Mass Transfer	109	0	104365	0	2019	Web of Science (WOS)
10	Aidy bin Ali	Rabiatus Adawiyah, Kannan Rassiah, Wei. Kuan Ng, Faiz Arifin, Faiz Othman, Muhammad Shauqi Hazin, M.K Faidzi, M.F Abdullah, and M.M.H. Megat Ahmad,	Ballistic Impact Properties of Woven Bamboo-Woven E Glass- Unsaturated Polyester Hybrid Composites	Defense Technology, Elsevier.	9	4	491	519	2019	Web of Science (WOS)
11	Mohd Khairul Faidzi bin Muhamad Paudzi	M.K. Faidzi, M. R. Saad, M. F. Abdullah	Crack and Leakage Detection on Steam Pipelines using Acoustic Technique	International Journal of Recent Technology and Engineering (IJRTE)	7	5S4	500	504	2019	Scopus
12	Mohd Khairul Faidzi bin Muhamad Paudzi	M.K. Faidzi, Khairul H. Kamarudin, M.R. Saad	Experimental and Simulation Examination on Buckle Strength of Military Climbing Harness	International Journal of Recent Technology and Engineering (IJRTE)	7	5S4	495	499	2019	Scopus
13	Aidy bin Ali	M. K. Faidzi, M. H., Khairul H. Kamarudin and M. R. Saad	Finite Element Analysis of Fretting Fatigue of Bolted Joints.	International Journal of Recent Technology and Engineering (IJRTE)	7	5	564	568	2019	Scopus
14	Noor Hafizah binti Amer	Khisbullah Hudham, Zulkiffi Abd Kadir, Noor Hafizah Amer, Muhamad Murrad	Firing-on-the-move stability system for armoured vehicle: design and optimisation of disturbance rejection control to reject recoil force	Inderscience	26	5	599	627	2019	Web of Science (WOS)
15	Noor Hafizah binti Amer	Khisbullah Hudha, Hairi Zamzuri, Vimal Rau Aparow, Zulkiffi Abd Kadir Amar Faiz Zainal Abidin	Hardware-in-the-loop simulation of trajectory following control for a light armoured vehicle optimised with particle swarm optimisation	Inderscience	26	5	663	691	2019	Web of Science (WOS)
16	Risby bin Mohd Sohaimi	Khalis Suhaimi, Tan Kean Sheng, Arif Syafiq Mohmed Suhaimi, Mohd Noor Hafizi Noordin	Heavy military land vehicle mass properties estimation using hoisting and pendulum motion method	Defence Science Journal	0	0	0	0	2019	Web of Science (WOS)
17	Dian Darina Indah Bte Daruis	Nur Aina Khamis, Isa Halim, Radin ZR Umar, Muhammad SS Mohamed, Abdul MA Hamid, Ibrahim A Taib	Malaysian Young Adult Female Hand Grip Strength	The Japanese Journal of Ergonomics	55	0	0	0	2019	Google Scholar
18	Aidy bin Ali	Sivaraos, M.J. Raguvaran, M. F. Abdullah. D. Sivakumar, M.A.M Ali, A. Hambali, Ms. Salleh, K. Umesh.	Investigation Of Tyre Pressure Drop Phenomenon Using Specially Designed Real-Time Data Mining and Storage System	International Journal of Recent Technology and Engineering (IJRTE)	7	5	533	537	2019	Scopus
19	Risby bin Mohd Sohaimi	Khalis Suhaimi, Muhammad Fahmi Md. Isa, Muhd Azhar Abu Bakar, Norazman Mohamad Nor, Ariffin Ismail & Victor Feisal Knight	Investigation Of Vehicle Occupant Response Subjected To Under-Vehicle Explosion	Defence S&T Technical Bulletin	0	0	0	0	2019	Scopus

20	Noor Hafizah binti Amer	Khisbullah Hudha, Zulkiffli Abd Kadir, Noor Hafizah Amer	Modelling and characterisation of a magneto-rheological elastomer isolator device under impact loadings using interpolated multiple adaptive neuro fuzzy inference system structure	Inderscience	13	4	215	241	2019	Scopus
21	Noor Hafizah binti Amer	Khisbullah Hudha, Zulkiffli Abd Kadir, Nur Rashid Mat Nuri, Noor Hafizah Amer, Shohaimi Abdullah	Modelling and control of a Magneto-Rheological elastomer for impact reduction	UMP Press	13	3	5259	5277	2019	Scopus
22	Leong Kin Yuen	Mohd Rosdzimin Abdul Rahman, Balamurugan A. Gurunathan	Nano-enhanced phase change materials: A review of thermo-physical properties, applications and challenges	Journal of Energy Storage	21	0	18	31	2019	Web of Science (WOS)
23	Abd Rahim Bin Mat Sarip		Performance evaluation of a rotating sleeve vane compressor	IOP Publishing Ltd	0	604	0	0	2019	Scopus
24	Syafawati binti Hasbi	Rasheed Atif, Syafawati Hasbi, Muhammad Naguib Ahmad	Synergistic effects of halloysite and carbon nanotubes (HNTs+ CNTs) on the mechanical properties of epoxy nanocomposites	AIMS Materials Science	0	0	0	0	2019	ISI
25	Aidy bin Ali	Sivarao S, Leon. S, M. F. Abdullah, S. Pujari, Amarnath	Systematic Niche Design Approach in Developing Dancing Water Nozzle for Fountain	International Journal of Recent Technology and Engineering (IJRTE)	7	5	538	542	2019	Scopus
26	Syafawati binti Hasbi	Rasheed Atif, Syafawati Hasbi, Muhammad Naguib Ahmad	The Processing of Epoxy/1 wt%-graphene Nanocomposites: Effects of Ethanol on Flexural Properties	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	9	1	2278	3075	2019	Scopus
27	Syafawati binti Hasbi	SYFAWATI HASBI, CHINYERE OKOLO, JIACHENG WEI, AB RAHIM JUSOH	THE PROCESSING OF EPOXY/MULTI-LAYER GRAPHENE NANOCOMPOSITES: EFFECTS OF ACETONE ON PROPERTIES	Journal of Engineering Science and Technology	14	6	3131	3142	2019	ISI
28	Ku Zarina Ku Ahmad	Mohd Rosdzimin Abdul Rahman, Balamurugan A. Gurunathan	An experimental approach to investigate thermal performance of paraffin wax and 1-hexadecanol based heat sinks for cooling of electronic system	International Communications in Heat and Mass Transfer	109	0	0	0	2019	Scopus

## Conference Proceedings 2019

NO	STAFF NAME	AUTHORS	DOCUMENT TITLE	SOURCE TITLE	VOLUME	ISSUE	PAGE START	PAGE END	YEAR	INDEX
1	Risby bin Mohd Sohaimi	Syed Fairuz Syed Dardin, Zurin Zuraida Abu Baharin, Khalis Suhaimi, Muhd Azhar Abu Bakar, Muhammad Fahmi Md Isa, Ariffin Ismail, Ahmad Shukri Abu Hasim	A Comparison Study between Digital Image Analysis and Sensor Measurements of Blast Test Dummy Response	2019 IEEE 6th International Conference on Engineering Technologies and Applied Sciences (ICETAS)	0	0	1	5	2019	Scopus
2	Zulkiffi bin Abd. Kadir	Mohd Sabirin Rahmat, Khisbullah Hudha, Zulkiffi Abd Kadir, Nur Rashid Mat Nuri, Noor Hafizah Amer, Sohaimi Abdullah, Zulkiffi Abd Kadir, Nur Rashid Mat Nuri, Noor Hafizah Amer, Shohaimi Abdullah	Comparison of Control Strategy on Magneto-Rheological Fluid Damper Performance for Impact Reduction Performance for Impact Reduction	IOP Publishing	530	0	1	11	2019	Scopus
3	Risby bin Mohd Sohaimi	Khalis Suhaimi, Syed Fairuz Syed Dardin, Muhammad Fahmi Md. Isa, Muhd Azhar Abu Bakar and Ariffin Ismail & Victor Feisal Knight	Instrumentation and Data Filtering Method For Vehicle Underbelly Blast Testing	2019 IEEE 6th International Conference on Engineering Technologies and Applied Sciences (ICETAS)	0	0	0	0	2019	Scopus
4	Dian Darina Indah Bte Daruis	Norshima Zainal Shah1*, Masdini Harina Ab Manan2 and Dian Darina Indah Daruis	E-learning Experience Through Intercultural Communication	International Conference on Education, Technology, Business and Social Sciences.	0	0	150	160	2019	NA

## Book Publication 2019

NO	STAFF NAME	AUTHORS	BOOKS TITLE	PUBLISHER	ISBN	Book Status (Indexed / Not Indexed)	BOOK EDITOR	CHAPTER TITLE
1	Raja Nor Izawati Binti Raja Othman	Raja Nor Othman & Arthur Wilkinson	Synthesis, Technology, and Applications of Carbon Nanomaterials	Elsevier Inc	978-0-12-815757-2	Web of Science (WOS)	Rashid, Othman, and Hussein	Carbon Nanotube Hybrids and Their Polymer Nanocomposites