

# Ahmad Anas Yusof

## List of Publications by Year in descending order

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44  
papers

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citations

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49  
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docs citations

49  
times ranked

189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Open-Source Platform Comparison for Research and Development in Underwater Drones. Lecture Notes in Electrical Engineering, 2022, , 139-151.	0.4	0
2	Installation and Testing for Wireless Control and Communication Capability for DugongBot 2.0. Lecture Notes in Electrical Engineering, 2022, , 127-138.	0.4	0
3	Design and Development of Spherical Amphibian Vehicle (SAV). Lecture Notes in Electrical Engineering, 2022, , 3-11.	0.4	1
4	Land Clearing, Preparation and Drone Monitoring using Red-Green-Blue (RGB) and Thermal Imagery for Smart Durian Orchard Management Project. Nigerian Journal of Basic and Medical Science, 2022, 91, 115-128.	0.6	2
5	Development of DugongBot Underwater Drones Using Open-Source Robotic Platform. Lecture Notes in Electrical Engineering, 2021, , 129-138.	0.4	1
6	Review of Desiccant in the Drying and Air-Conditioning Application. International Journal of Heat and Technology, 2021, 39, 1475-1482.	0.6	1
7	Model-Free PID Controller Based on Grey Wolf Optimizer for Hovering Autonomous Underwater Vehicle Depth Control. Lecture Notes in Electrical Engineering, 2020, , 25-35.	0.4	2
8	Optimization of Single Input Fuzzy Logic Controller Using PSO for Unmanned Underwater Vehicle. Lecture Notes in Electrical Engineering, 2019, , 15-26.	0.4	4
9	UTeM Autonomous Underwater Vehicle Competition Initiatives: Project TUAH and PANTHER. Lecture Notes in Electrical Engineering, 2019, , 27-33.	0.4	0
10	TDS and pH Analysis for Water Quality Monitoring in Water Hydraulics Food Processor. International Journal of Integrated Engineering, 2019, 11, .	0.4	3
11	Comparison of Fractional Order PID Controller and Sliding Mode Controller with Computational Tuning Algorithm. Universal Journal of Electrical and Electronic Engineering, 2019, 6, 181-190.	0.3	1
12	The Development of PANTHER AUV for Autonomous Underwater Vehicle Competition Challenge 2017/2018. Lecture Notes in Mechanical Engineering, 2018, , 259-269.	0.4	2
13	An Electro-Hydraulic Servo with Intelligent Control Strategy. MATEC Web of Conferences, 2018, 150, 01016.	0.2	2
14	Facing the Autonomous Underwater Vehicle Competition Challenge: The TUAH AUV Experience. Lecture Notes in Mechanical Engineering, 2018, , 231-239.	0.4	3
15	Effect of Length on Pressure Characteristic in the Water Hydraulic Main Line Circuit Using Simulink-Simscape. Lecture Notes in Mechanical Engineering, 2018, , 685-693.	0.4	0
16	Pressure Transient Characteristic in Fluid Condition During Opened and Closed Water Line Based on Experimental Method. Lecture Notes in Mechanical Engineering, 2018, , 565-571.	0.4	1
17	Simulation of storage performance on hydropneumatic driveline in dual hybrid hydraulic passenger car. MATEC Web of Conferences, 2017, 90, 01052.	0.2	1
18	Nanostructure and oxidation properties investigation of engine using Jatropha biodiesel as engine fuel. MATEC Web of Conferences, 2017, 90, 01046.	0.2	3

#	ARTICLE	IF	CITATIONS
19	Comparison of hydro-pneumatic accumulator's charging performance under different thermal process for dual hybrid driveline. IOP Conference Series: Materials Science and Engineering, 2017, 257, 012016.	0.6	2
20	A review of compressed-air hybrid technology in vehicle system. Renewable and Sustainable Energy Reviews, 2017, 67, 935-953.	16.4	63
21	The development of tele-operated electro-hydraulic actuator (T-EHA) for mini excavator tele-operation. , 2016, , .		1
22	Fluid structure interaction computational analysis of hydraulic intensifier. AIP Conference Proceedings, 2015, , .	0.4	0
23	Underwater manipulator's kinematic analysis for sustainable and energy efficient water hydraulics system. AIP Conference Proceedings, 2015, , .	0.4	4
24	Modern practical application and research on teleoperated excavators control, feedback and perception issues in post disaster recovery operation. , 2015, , .		4
25	Experimental Studies on the Rheological and Hydraulic Performance of Palm Based Hydraulic Fluid. Jurnal Teknologi (Sciences and Engineering), 2014, 66, .	0.4	2
26	Equilibrium, Kinetics, and Thermodynamics of Remazol Brilliant Blue R Dye Adsorption onto Activated Carbon Prepared from Pinang Frond. ISRN Mechanical Engineering, 2014, 2014, 1-7.	0.9	31
27	Promoting water hydraulics in Malaysia: A green educational approach. , 2014, , .		2
28	Parametric Analysis on Boil-Off Gas Rate inside Liquefied Natural Gas Storage Tank. Journal of Mechanical Engineering and Sciences, 2014, 6, 845-853.	0.6	8
29	Effect of Activation Time on the Pinang Frond based Activated Carbon for Remazol Brilliant Blue R Removal. Journal of Mechanical Engineering and Sciences, 2014, 7, 1085-1093.	0.6	14
30	Slip flow coefficient analysis in water hydraulics gear pump for environmental friendly application. IOP Conference Series: Materials Science and Engineering, 2013, 50, 012016.	0.6	3
31	Effect of CO <sub>2</sub> Flow Rate on the Pinang Frond-Based Activated Carbon for Methylene Blue Removal. Scientific World Journal, The, 2013, 2013, 1-6.	2.1	10
32	Evaluation of Construction Robot Telegrasping Force Perception Using Visual, Auditory and Force Feedback Integration. Journal of Robotics and Mechatronics, 2012, 24, 949-957.	1.0	13
33	Operational Evaluation of a Construction Robot Tele-operation with Force Feedback. Transactions of the Japan Fluid Power System Society, 2011, 43, 8-15.	0.4	4
34	CONSTRUCTION ROBOT TELE-OPERATION WITH A VR-AIDED DISPLAY: WORKSPACE VIEWPOINT MANIPULATION EFFECT. International Journal of Robotics and Automation, 2011, 26, .	0.1	2
35	Virtual reality-based teleoperation construction robot control system with 3Dvisor device. , 2010, , .		5
36	Virtual reality-based master-slave control system for construction tele-operation robot. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
37	Tele-operation Construction Robot Control System with Virtual Reality. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 639-644.	0.4	11
38	Research Development of Energy Efficient Water Hydraulics Manipulator for Underwater Application. Applied Mechanics and Materials, 0, 393, 723-728.	0.2	6
39	Promoting Sustainability through Water Hydraulic Technology – The Effect of Water Hydraulic in Industrial Scissor Lift. Applied Mechanics and Materials, 0, 315, 488-492.	0.2	5
40	Characteristics of a Reciprocating Pump for Low-Cost Sustainable Water Hydraulic Technology Demonstrator. Applied Mechanics and Materials, 0, 699, 736-741.	0.2	0
41	Development and Analysis of Small Scale Water Accumulator by Using Piston Type. Applied Mechanics and Materials, 0, 761, 191-195.	0.2	0
42	Direct Modelling CAD Technology Comparative Review in Efficiency and Productivity for Product Development Process. Applied Mechanics and Materials, 0, 786, 305-310.	0.2	1
43	Development of Water Hydraulic System. Applied Mechanics and Materials, 0, 819, 596-600.	0.2	0
44	Position Control Mathematical Modelling and Operational Evaluation of Tele-Operated Electro-Hydraulic Actuator (T-EHA). Applied Mechanics and Materials, 0, 773-774, 163-167.	0.2	2