

Moch Agus Choiron

List of Publications by Year in descending order

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58
papers

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1684188

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1372567

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#	ARTICLE	IF	CITATIONS
1	Morphology, Structure, and Mechanical Properties of New Natural Cellulose Fiber Reinforcement from Waru <i>(Hibiscus Tiliaceus)</i> Bark. <i>Journal of Natural Fibers</i> , 2022, 19, 12385-12397.	3.1	10
2	Heat resistance of lightweight concrete with plastic aggregate from PET (polyethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (t	1.4	3
3	Energy absorption and deformation pattern analysis of carbon fibre reinforced composite crash box under frontal load model. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1034, 012003.	0.6	0
4	Tensile strength and thermal cycle analysis of AA6061 friction weld joints with different diameters and various friction times. <i>Eastern-European Journal of Enterprise Technologies</i> , 2021, 2, 15-21.	0.5	0
5	Improved performance of corrugated metal gaskets in boiler's piping system through multilayered coating. <i>Eastern-European Journal of Enterprise Technologies</i> , 2021, 6, 13-20.	0.5	1
6	Matching algorithm performance analysis for autocalibration method of stereo vision. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2020, 18, 1105.	0.8	0
7	Pengolahan Limbah Domba Menjadi Bokashi di Desa Arjowilangun, Kecamatan Kalipare Kabupaten Malang. <i>DIKEMAS (Jurnal Pengabdian Kepada Masyarakat)</i> , 2020, 4, .	0.0	0
8	Analysis of the fracture area of tensile test for natural woven fiber composites (hibiscus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (t	0.4	7
9	Optimization of two segments crash box with rubber joint using response surface methodology. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
10	Static and Dynamic Analysis of Selective Leverage System Gear Train. <i>Journal of Computational and Theoretical Nanoscience</i> , 2020, 17, 1189-1195.	0.4	1
11	Deformation Pattern and Energy Absorption Analysis on Initial Fold Crash Box by Oblique Crash Test. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 494, 012087.	0.6	3
12	Influence of several chemical treatment on the interfacial shear strength of zalacca fibres and low-density polyethylene matrix. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
13	A Tensile Strength Analysis of Hibiscus cannabinus L. Fiber and Corn Silk Reinforced Polyester Resin Matrix Hybrid Composite and Optimization of Design Parameters Using Response Surface Methodology. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 515, 012045.	0.6	0
14	The Initial Modelling of Hybrid Plating For Internal Fixation Construct by Using 3-D Bone Model. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 494, 012090.	0.6	0
15	Vibration exposure of polydimethylsiloxane (PDMS) reinforced silica (sio2): comparison of different source of silica (sio2) as filler. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 494, 012069.	0.6	1
16	Manufacture of Origami Pattern Crash Box Using Traditional Investment Casting Method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 494, 012006.	0.6	2
17	Optimum Design of Laminated Corrugated Metal Gasket Using Computer Simulation. <i>International Journal of Integrated Engineering</i> , 2019, 11, .	0.4	4
18	Investigation of cogging forces using reluctance circuits equivalent approximation in a ladder secondary single-Asided linear induction motor. <i>Eastern-European Journal of Enterprise Technologies</i> , 2019, 2, 23-35.	0.5	0

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19	Movable blade vertical shaft kinetic turbine visual observation. Eastern-European Journal of Enterprise Technologies, 2019, 2, 23-30.	0.5	1
20	Correlation of surface roughness, tool wear, and chip slenderness ratio in the lathe process of aluminum alloy "6061. Eastern-European Journal of Enterprise Technologies, 2019, 4, 54-60.	0.5	0
21	Evaluation of Varied Model Order in GA-optimised Parameter Estimation of Toothbrush Rig System. International Journal of Integrated Engineering, 2019, 11, .	0.4	0
22	Sealing performance analysis of composite gaskets made of silicone rubber filled with ramie natural fibers. Journal of Mechanical Engineering and Sciences, 2019, 13, 6178-6194.	0.6	2
23	Flux Density Distribution and Cogging Action Using Reluctance Network Equivalent in Simple Magnetic Circuit with the Air Gap. , 2018, , .		0
24	Measurement Accuracy Analysis of Distance Between Cameras in Stereo Vision. , 2018, , .		6
25	Experimental and micromechanical modelling of randomly oriented zalacca fibre/low-density polyethylene composites fabricated by hot-pressing method. Cogent Engineering, 2018, 5, 1518966.	2.2	12
26	Heat treatment effect on metal matrix composite with brass matrix and fly ash. MATEC Web of Conferences, 2018, 204, 05020.	0.2	3
27	Symmetrical Optimum on 2DOF Cascaded-PI for A Position Control Using A Ladder-Secondary Double-Sided Linear Induction Motor (DSLIM). , 2018, , .		0
28	Study of Cogging Forces in A Ladder-secondary Double-sided Linear Induction Motor (DSLIM) for Asymmetry Primary Placement. , 2018, , .		0
29	The modeling and optimization of hot rolling process of A36 structural steel by using response surface methodology. MATEC Web of Conferences, 2018, 204, 07018.	0.2	0
30	The role of Carica papaya latex and aluminum oxide on the formation of carbon nanofibre made of coconut shell. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2018, 9, 035021.	1.5	5
31	Optimization of Multiple Response Using Taguchi-WPCA In ST 60 Tool Steel Turning Process With Minimum Quantity Cooling Lubrication (MQCL) Method. Aceh International Journal of Science and Technology, 2018, 7, 44-55.	0.3	2
32	CONFIGURATION ON HYBRID PLATING TO IMPROVE INTERNAL FIXATION ON FEMUR BONE MODEL. MM Science Journal, 2018, 2018, 2406-2414.	0.4	1
33	An Overview of Fracture Mechanics with ANSYS. International Journal of Integrated Engineering, 2018, 10, .	0.4	5
34	Magnetical Effects of the Non-Symmetrical Placement on Moving Parts of a Ladder-Secondary Double-Sided Linear Induction Motor. Advanced Science Letters, 2018, 24, 722-726.	0.2	0
35	CFD modelling of particle size effect on stoker coal-fired boilers combustion. Eastern-European Journal of Enterprise Technologies, 2018, 3, 73-78.	0.5	0
36	Visualization of bubbles formation on the boiling process in tapering heat pipe with variation of evaporator to condenser diameter ratio. Eastern-European Journal of Enterprise Technologies, 2018, 3, 35-40.	0.5	2

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37	Effect of evaporator-condenser diameter ratio (d/D) on thermal performance of the tapering heat pipe with various heat sources. Eastern-European Journal of Enterprise Technologies, 2018, 5, 52-57.	0.5	0
38	AISI 304 Welding Fracture Resistance by a Charpy Impact Test with a High Speed Sampling Rate. Metals, 2017, 7, 543.	2.3	3
39	Design, Manufacture and Finite Element Analysis of a Small-Scale Ladder-Secondary Double-Sided Linear Induction Motor. Advanced Science Letters, 2017, 23, 4371-4377.	0.2	4
40	CRASH ENERGY ABSORPTION OF MULTI-SEGMENTS CRASH BOX UNDER FRONTAL LOAD. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	5
41	Crash energy absorption of two-segment crash box with holes under frontal load. AIP Conference Proceedings, 2016, , .	0.4	5
42	Effect of alkaline treatment on the characterization of zalacca midrib wastes fibers. AIP Conference Proceedings, 2016, , .	0.4	0
43	Mechanical properties of untreated and alkaline treated fibers from zalacca midrib wastes. AIP Conference Proceedings, 2016, , .	0.4	4
44	Electrochemical Corrosion of As-Cast and Annealed $Zr_{48}Cu_{36}Al_8Ag_8$ BMG in 0.1 M NaCl Solution. Materials Science Forum, 2016, 863, 65-69.	0.3	0
45	The effect of hold time of overload on crack propagation behavior emerging from notch root. FME Transactions, 2016, 44, 50-57.	1.4	2
46	Analisis Penyerapan Energi Dan Pola Deformasi Crash Box Dengan Variasi Sudut Tirus Dinding Crash Box Pada Uji Simulasi Tabrakan Arah Frontal. Rekayasa Mesin, 2015, 6, 75-83.	0.1	4
47	Influence of surface roughness on leakage of new metal gasket. International Journal of Pressure Vessels and Piping, 2013, 111-112, 146-154.	2.6	40
48	Optimization of New Metal Gasket Design Based on Contact Width Involving Contact Stress Consideration. Applied Mechanics and Materials, 0, 110-116, 4780-4787.	0.2	1
49	Studies of Relationship between Contact Width and Leakage on Large Size of New Metal Gasket. Applied Mechanics and Materials, 0, 229-231, 705-709.	0.2	3
50	System Architecture and FPGA Embedding of Compact Fuzzy Logic Controller for Arm Robot Joints. Applied Mechanics and Materials, 0, 493, 480-485.	0.2	3
51	Architectural System Design of Six Channels Compact Fuzzy Logic Controller for Arm Robot Joints Using FPGA Technology. Applied Mechanics and Materials, 0, 541-542, 1127-1131.	0.2	2
52	Optimum Shape and Dies Design for New Thin Metal Gasket by Using Simulation Experiment. Applied Mechanics and Materials, 0, 575, 271-275.	0.2	1
53	Flow Visualization Pattern on Sharp Edge T-Junction through Dividing Flow Channel. Applied Mechanics and Materials, 0, 493, 62-67.	0.2	2
54	Optimization Spring Coil Design for Orthodontic Tooth Movement. Applied Mechanics and Materials, 0, 493, 327-330.	0.2	1

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55	Sealing Performance of Thin Corrugated Metal Gasket. Applied Mechanics and Materials, 0, 789-790, 246-250.	0.2	1
56	Effect of angle orientation lay-up on uniaxial tensile test specimen of Fiber carbon composite manufactured by using resin transfer moulding with vacuum bagging. IOP Conference Series: Materials Science and Engineering, 0, 494, 012020.	0.6	7
57	Experiment on Novel Design of Tapered Shape Heat Pipe. IOP Conference Series: Materials Science and Engineering, 0, 494, 012097.	0.6	2
58	Optimum Design of New 25A-size Metal Gasket Considering Plastic Contact Stress. International Journal of Modeling and Optimization, 0, , 146-150.	0.4	8