

Moch Agus Choiron

List of Publications by Year in descending order

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papers

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citations

1684188

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1372567

10
g-index

58
all docs

58
docs citations

58
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Morphology, Structure, and Mechanical Properties of New Natural Cellulose Fiber Reinforcement from Waru <i>(Hibiscus Tiliaceus)</i> Bark. Journal of Natural Fibers, 2022, 19, 12385-12397.	3.1	10
4	Optimum Design of New 25A-size Metal Gasket Considering Plastic Contact Stress. International Journal of Modeling and Optimization, 0, , 146-150.	0.4	8
5	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
6	Analysis of the fracture area of tensile test for natural woven fiber composites (hibiscus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (t	0.4	7
7	Measurement Accuracy Analysis of Distance Between Cameras in Stereo Vision. , 2018, , .		6
8	CRASH ENERGY ABSORPTION OF MULTI-SEGMENTS CRASH BOX UNDER FRONTAL LOAD. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	5
9	Crash energy absorption of two-segment crash box with holes under frontal load. AIP Conference Proceedings, 2016, , .	0.4	5
10	The role of <i>Carica papaya</i> 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
11	An Overview of Fracture Mechanics with ANSYS. International Journal of Integrated Engineering, 2018, 10, .	0.4	5
12	Mechanical properties of untreated and alkaline treated fibers from zalacca midrib wastes. AIP Conference Proceedings, 2016, , .	0.4	4
13	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
14	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
15	Optimum Design of Laminated Corrugated Metal Gasket Using Computer Simulation. International Journal of Integrated Engineering, 2019, 11, .	0.4	4
16	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
17	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
18	ANSI 304 Welding Fracture Resistance by a Charpy Impact Test with a High Speed Sampling Rate. Metals, 2017, 7, 543.	2.3	3

#	ARTICLE	IF	CITATIONS
19	Heat treatment effect on metal matrix composite with brass matrix and fly ash. MATEC Web of Conferences, 2018, 204, 05020.	0.2	3
20	Deformation Pattern and Energy Absorption Analysis on Initial Fold Crash Box by Oblique Crash Test. IOP Conference Series: Materials Science and Engineering, 2019, 494, 012087.	0.6	3
21	Heat resistance of lightweight concrete with plastic aggregate from PET (polyethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.4	3
22	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
23	Flow Visualization Pattern on Sharp Edge T-Junction through Dividing Flow Channel. Applied Mechanics and Materials, 0, 493, 62-67.	0.2	2
24	Influence of several chemical treatment on the interfacial shear strength of zalacca fibres and low-density polyethylene matrix. AIP Conference Proceedings, 2019, , .	0.4	2
25	Experiment on Novel Design of Tapered Shape Heat Pipe. IOP Conference Series: Materials Science and Engineering, 0, 494, 012097.	0.6	2
26	Manufacture of Origami Pattern Crash Box Using Traditional Investment Casting Method. IOP Conference Series: Materials Science and Engineering, 2019, 494, 012006.	0.6	2
27	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
28	The effect of hold time of overload on crack propagation behavior emerging from notch root. FME Transactions, 2016, 44, 50-57.	1.4	2
29	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
30	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
31	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
32	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
33	Optimization Spring Coil Design for Orthodontic Tooth Movement. Applied Mechanics and Materials, 0, 493, 327-330.	0.2	1
34	Sealing Performance of Thin Corrugated Metal Gasket. Applied Mechanics and Materials, 0, 789-790, 246-250.	0.2	1
35	Vibration exposure of polydimethylsiloxane (PDMS) reinforced silica (sio2): comparison of different source of silica (sio2) as filler. IOP Conference Series: Materials Science and Engineering, 2019, 494, 012069.	0.6	1
36	CONFIGURATION ON HYBRID PLATING TO IMPROVE INTERNAL FIXATION ON FEMUR BONE MODEL. MM Science Journal, 2018, 2018, 2406-2414.	0.4	1

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37	Movable blade vertical shaft kinetic turbine visual observation. Eastern-European Journal of Enterprise Technologies, 2019, 2, 23-30.	0.5	1
38	Static and Dynamic Analysis of Selective Leverage System Gear Train. Journal of Computational and Theoretical Nanoscience, 2020, 17, 1189-1195.	0.4	1
39	Improved performance of corrugated metal gaskets in boiler's piping system through multilayered coating. Eastern-European Journal of Enterprise Technologies, 2021, 6, 13-20.	0.5	1
40	Effect of alkaline treatment on the characterization of zalacca midrib wastes fibers. AIP Conference Proceedings, 2016, , .	0.4	0
41	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
42	Flux Density Distribution and Cogging Action Using Reluctance Network Equivalent in Simple Magnetic Circuit with the Air Gap. , 2018, , .		0
43	Symmetrical Optimum on 2DOF Cascaded-PI for A Position Control Using A Ladder-Secondary Double-Sided Linear Induction Motor (DSLIM). , 2018, , .		0
44	Study of Cogging Forces in A Ladder-secondary Double-sided Linear Induction Motor (DSLIM) for Asymmetry Primary Placement. , 2018, , .		0
45	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
46	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. IOP Conference Series: Materials Science and Engineering, 2019, 515, 012045.	0.6	0
47	The Initial Modelling of Hybrid Plating For Internal Fixation Construct by Using 3-D Bone Model. IOP Conference Series: Materials Science and Engineering, 2019, 494, 012090.	0.6	0
48	Energy absorption and deformation pattern analysis of carbon fibre reinforced composite crash box under frontal load model. IOP Conference Series: Materials Science and Engineering, 2021, 1034, 012003.	0.6	0
49	Tensile strength and thermal cycle analysis of AA6061 friction weld joints with different diameters and various friction times. Eastern-European Journal of Enterprise Technologies, 2021, 2, 15-21.	0.5	0
50	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
51	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
52	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
53	Investigation of cogging forces using reluctance circuits equivalent approximation in a ladder secondary single-sided linear induction motor. Eastern-European Journal of Enterprise Technologies, 2019, 2, 23-35.	0.5	0
54	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

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55	Evaluation of Varied Model Order in GA-optimised Parameter Estimation of Toothbrush Rig System. International Journal of Integrated Engineering, 2019, 11, .	0.4	0
56	Matching algorithm performance analysis for autocalibration method of stereo vision. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 1105.	0.8	0
57	Pengolahan Limbah Domba Menjadi Bokashi di Desa Arjowilangun, Kecamatan Kalipare Kabupaten Malang. DIKEMAS (Jurnal Pengabdian Kepada Masyarakat), 2020, 4, .	0.0	0
58	Optimization of two segments crash box with rubber joint using response surface methodology. AIP Conference Proceedings, 2020, , .	0.4	0