Abdul Halim Abdullah

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6404135/publications.pdf

Version: 2024-02-01

35 papers	70 citations	2257263 3 h-index	1872312 6 g-index
36 all docs	36 docs citations	36 times ranked	55 citing authors

#	Article	IF	Citations
1	Design Review of Scissors Lifts Structure for Commercial Aircraft Ground Support Equipment using Finite Element Analysis. Procedia Engineering, 2012, 41, 1696-1701.	1.2	11
2	Influences of Prosthesis Stem Lengths in Cementless Total Hip Arthroplasty. Applied Mechanics and Materials, 0, 52-54, 2088-2093.	0.2	10
3	Prediction of damage formation in hip arthroplasties by finite element analysis using computed tomography images. Medical Engineering and Physics, 2017, 44, 8-15.	0.8	10
4	Effects of Screw Materials in Anterior Cruciate Ligament Reconstruction using Finite Element Analysis. Procedia Engineering, 2012, 41, 1614-1619.	1.2	7
5	Computer Simulation Opportunity In Plastic Injection Mold Development for Automotive Part. , 2009, , .		4
6	Finite Element Analysis of External Fixator for Treating Femur Fracture: Analysis on Stainless Steel and Titanium as Material of External Fixator. Malaysian Journal of Fundamental and Applied Sciences, 2021, 17, 274-284.	0.4	3
7	Risk of Bone Fracture in Resurfacing Hip Arthroplasty at Varus and Valgus Implant Placements. International Journal of Technology, 2020, 11, 1025.	0.4	3
8	Development of Ankle-Foot Orthosis with the Integration of IoT Controller. International Journal of Emerging Technology and Advanced Engineering, 2022, 12, 49-55.	0.4	3
9	The Effects of Nodularity Distribution on Vertical Configuration Mould for Automotive Ductile Iron Casting. Advanced Materials Research, 0, 129-131, 1059-1063.	0.3	2
10	Rotary car park (pallet design) computer aided design analysis study. , 2011, , .		2
11	Distribution TUA-CDIO element in learning outcome (LO5-LO9) for engineering subjects. , 2016, , .		2
12	Advanced Motorcycle Riding Simulation: a Case Study of Sleep Deprivation Effects on Motorcyclist Muscle Fatigue. International Journal of Engineering and Technology(UAE), 2018, 7, 144.	0.2	2
13	Effects of Hip Arthroplasties on Bone Adaptation in Lower Limbs: A Computational Study. Journal of Biosciences and Medicines, 2015, 03, 1-7.	0.1	2
14	Risk of Femoral Bone Fractures in Hip Arthroplasties during Sideway Falls. International Journal of Applied Physics and Mathematics, 2014, 4, 286-289.	0.3	2
15	Effects of Prosthesis Stem Tapers on Stress Distribution of Cemented Hip Arthroplasty. , 2010, , .		1
16	Effects of Prosthesis Stem Materials on Stress Distribution of Total Hip Replacement. Advanced Materials Research, 0, 129-131, 343-347.	0.3	1
17	Prediction of Bone Mineral Density (BMD) Adaptation in Pelvisâ€“Femur Model with Hip Arthroplasties. Journal of Functional Biomaterials, 2021, 12, 49.	1.8	1
18	Effects of Interference Screw Lengths on the Primary Stability of Anterior Cruciate Ligament Reconstruction. Advanced Science Letters, 2013, 19, 873-876.	0.2	1

#	Article	IF	Citations
19	Design of A Superbike Paddock Stand using CAD and CAE Tools. International Journal of Automotive and Mechanical Engineering, 2012, 5, 670-679.	0.5	1
20	Effects of Pentagonal Pore Sizes in the Zinc Hydroxyapatite Parietal-Temporal Implant. International Journal of Emerging Technology and Advanced Engineering, 2021, 11, 76-85.	0.4	1
21	Finite Element Analysis of Proximal Cement Fixation in Total Hip Arthroplasty. International Journal of Technology, 2020, 11, 1046.	0.4	1
22	Harmonic Balance Simulation for the Nonlinear Analysis of Vibration Isolation System Using Negative Stiffness. , 2009, , .		0
23	Stress and Strain Distribution in Cemented Total Hip Arthroplasty for Walking Load Case. , 2009, , .		0
24	Anthropometric study of Malaysian youths - a case study in Universiti Teknologi Mara. , 2011, , .		0
25	Dynamic Analysis of Frontal Human Skull Using Finite Element Simulation. Advanced Materials Research, 2013, 647, 418-423.	0.3	0
26	Effects of Stem Malalignment in Cementless Hip Arthroplasty: a Computational Study. International Journal of Engineering and Technology(UAE), 2018, 7, 137.	0.2	0
27	Effects of Material Properties in Spinal Fusion Cage for Lumbar Vertebrae. IOP Conference Series: Materials Science and Engineering, 2020, 834, 012073.	0.3	0
28	Integrating hyperelastic constitutive models in natural biopolymer for healing patch technology. AIP Conference Proceedings, 2021, , .	0.3	0
29	The reconstruction of three-dimensional (3D) model of the right parietal-temporal implant. AIP Conference Proceedings, 2021, , .	0.3	0
30	Design and Development of a Portable Superbike Paddock Stand Using Computer Aided Design and Computer Aided Engineering Tools. Advanced Science Letters, 2013, 19, 775-779.	0.2	0
31	Computational Analysis of Cementless Hip Arthroplasty for Different Prosthesis Stem Tapers. Advanced Science Letters, 2013, 19, 2931-2934.	0.2	0
32	GS2-5 PREDICTION OF BONE REMODELING MECHANISM IN LOWER LIMBS WITH DIFFERENT HIP ARTHROPLASTIES(GS2: Orthopaedic Biomechanics I). The Proceedings of the Asian Pacific Conference on Biomechanics Emerging Science and Technology in Biomechanics, 2015, 2015.8, 147.	0.0	0
33	Effects of Total Hip Arthroplasty on Stress Adaptation and Bone Remodeling in Lower Limbs. Evergreen, 2015, 2, 6-11.	0.3	0
34	Biomechanics of Thoracolumbar Spine with Vertebral Compression Fractures. Advanced Science Letters, 2018, 24, 8770-8773.	0.2	0
35	Effects of Material Properties in Fabricating the Assistive Headrest Orthosis. International Journal of Emerging Technology and Advanced Engineering, 2021, 11, 123-129.	0.4	0