

Hasan Basri

List of Publications by Year in descending order

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19
papers

446
citations

1163117

8
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	Wear analysis of acetabular cup on metal-on-metal total hip arthroplasty with dimple addition using finite element method. AIP Conference Proceedings, 2022, , .	0.4	6
2	Computational Contact Pressure Prediction of CoCrMo, SS 316L and Ti6Al4V Femoral Head against UHMWPE Acetabular Cup under Gait Cycle. Journal of Functional Biomaterials, 2022, 13, 64.	4.4	82
3	Contact pressure analysis of acetabular cup surface with dimple addition on total hip arthroplasty using finite element method. IOP Conference Series: Materials Science and Engineering, 2021, 1034, 012001.	0.6	14
4	The Effect of Bottom Profile Dimples on the Femoral Head on Wear in Metal-on-Metal Total Hip Arthroplasty. Journal of Functional Biomaterials, 2021, 12, 38.	4.4	102
5	Tresca Stress Simulation of Metal-on-Metal Total Hip Arthroplasty during Normal Walking Activity. Materials, 2021, 14, 7554.	2.9	118
6	Mechanical degradation model of porous magnesium scaffolds under dynamic immersion. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2020, 234, 175-185.	1.1	8
7	Mechanical Degradation Model of Porous Fe Scaffold: Simulation Approach. Journal of Physics: Conference Series, 2020, 1500, 012023.	0.4	2
8	The Analysis of Dimple Geometry on Artificial Hip Joint to the Performance of Lubrication. Journal of Physics: Conference Series, 2019, 1198, 042012.	0.4	28
9	The Effect of the Welding Direction on Fatigue Crack Propagation Rate of Welded Shell Kiln. Journal of Physics: Conference Series, 2019, 1198, 042013.	0.4	2
10	The analysis of the dimple arrangement of the artificial hip joint to the performance of lubrication. IOP Conference Series: Materials Science and Engineering, 2019, 620, 012116.	0.6	21
11	The prediction of fatigue crack growth of rotary kiln shell welded under cyclic loading. IOP Conference Series: Materials Science and Engineering, 2019, 620, 012115.	0.6	0
12	Impacts of dynamic degradation on the morphological and mechanical characterisation of porous magnesium scaffold. Biomechanics and Modeling in Mechanobiology, 2019, 18, 797-811.	2.8	22
13	The Effect of Morphology on the Biodegradation Behavior of Porous Magnesium Bone Scaffold. E3S Web of Conferences, 2018, 68, 01020.	0.5	0
14	The Effect of Degradation Time Variation on Porous Magnesium Implant Bone Scaffold. E3S Web of Conferences, 2018, 68, 01019.	0.5	0
15	The influence of flow rates on the dynamic degradation behaviour of porous magnesium under a simulated environment of human cancellous bone. Materials and Design, 2017, 122, 268-279.	7.0	34
16	Vibration analysis of rotary cement kiln using finite element method. MATEC Web of Conferences, 2017, 101, 03013.	0.2	2
17	Design, Construction and Experiment on Imbert Downdraft Gasifier Using South Sumatera Biomass and Low Rank Coal as Fuel. International Journal of Engineering Research and Applications, 2017, 07, 39-44.	0.1	1
18	Fatigue Life Prediction in Journal Bearing,. International Journal on Smart Material and Mechatronics, 2016, 2, 34-37.	0.2	0

#	ARTICLE	IF	CITATIONS
19	The Importance of Human Resources Development and its Impact in Increasing of National Port Productivity. Procedia Engineering, 2015, 125, 519-525.	1.2	4