

Laith Abed Sabri

List of Publications by Year in descending order

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18
papers

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1163117

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18
docs citations

18
times ranked

208
citing authors

#	ARTICLE	IF	CITATIONS
1	Conceptual designs of conduction cooled MgB ₂ magnets for 1.5 and 3.0 T full body MRI systems. Superconductor Science and Technology, 2017, 30, 043002.	3.5	51
2	Computational homogenization of the elastic and thermal properties of superconducting composite MgB ₂ wire. Composite Structures, 2018, 188, 313-329.	5.8	31
3	The temperatures distributions of a single-disc clutches using heat partitioning and total heat generated approaches. Case Studies in Thermal Engineering, 2018, 11, 43-54.	5.7	26
4	Raman spectroscopy-based water content is a negative predictor of articular human cartilage mechanical function. Osteoarthritis and Cartilage, 2019, 27, 304-313.	1.3	16
5	Mechanical and thermal stress evaluation of PEEK prefabricated post with different head design in endodontically treated tooth: 3D-finite element analysis. Dental Materials Journal, 2021, 40, 508-518.	1.8	16
6	The distribution of frictional heat generated between the contacting surfaces of the friction clutch system. International Journal on Interactive Design and Manufacturing, 2019, 13, 487-498.	2.2	14
7	An investigation of dynamic behavior of the cylindrical shells under thermal effect. Case Studies in Thermal Engineering, 2018, 12, 537-545.	5.7	12
8	Steady-state and vibration analysis of a WindPACT 1.5-MW turbine blade. FME Transactions, 2019, 47, 195-201.	1.4	10
9	Mechanical Analysis of MgB ₂ Based Full Body MRI Coils Under Different Winding Conditions. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	8
10	FINITE ELEMENT ANALYSIS OF THE THERMAL BEHAVIOUR OF SINGLE-DISC CLUTCHES DURING REPEATED ENGAGEMENTS. Tribologia, 2016, 266, 9-24.	0.2	8
11	Effect of Sliding Speed on the Thermal Stresses of Single-Disk Friction Clutches. Journal of Failure Analysis and Prevention, 2020, 20, 1534-1540.	0.9	5
12	Mechanical and Thermal Stress Behavior of a Conservative Proposed Veneer Preparation Design for Restoring Misaligned Anterior Teeth: A 3D Finite Element Analysis. Applied Sciences (Switzerland), 2020, 10, 5814.	2.5	5
13	Biomechanical finite element analysis of a single implant threaded in anterior and posterior regions of maxilla bone. Indian Journal of Dental Research, 2020, 31, 203.	0.4	5
14	Three-Dimensional Finite Element Analysis of Contact Problem in Dry Friction Clutches. Lubricants, 2021, 9, 115.	2.9	5
15	Effect of thread depth and implant shape on stress distribution in anterior and posterior regions of mandible bone: A finite element analysis. Dental Research Journal, 2019, 16, 200-207.	0.6	3
16	Nonlinear Buckling Analysis of Steel Cylindrical Shell with Elliptical Cut-out Subjected to Longitudinal Compressive Load. International Journal of Automotive and Mechanical Engineering, 2019, 16, 6723-6737.	0.9	2
17	Finite element analysis of class II mandibular unilateral distal extension partial dentures. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 9407-9418.	2.1	2
18	Analytical and Numerical Solutions for the Thermal Problem in a Friction Clutch System. Computation, 2021, 9, 122.	2.0	1