

Maher Dammak

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

123
citations

1307594

7
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Eco-friendly nanocomposites between carboxylated acrylonitrile-butadiene rubber (XNBR) and graphene oxide or graphene at low content with enhanced mechanical properties. Fullerenes Nanotubes and Carbon Nanostructures, 2016, 24, 769-778.	2.1	19
2	Scratch resistance and tribological performance of thermosetting composite powder coatings system: A comparative evaluation. Surface and Coatings Technology, 2015, 263, 27-35.	4.8	14
3	Experimental simulation of the friction, temperature, and wear distributions for polyamide-steel gear contact using twin-disc setup. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2016, 230, 1127-1138.	1.8	13
4	How a pilot hole size affects osteosynthesis at the screw-bone interface under immediate loading. Medical Engineering and Physics, 2018, 60, 14-22.	1.7	12
5	A comparative study of tapped and untapped pilot holes for bicortical orthopedic screws - 3D finite element analysis with an experimental test. Biomedizinische Technik, 2019, 64, 563-570.	0.8	10
6	Microstructure, friction and wear analysis of thermoplastic based composites with solid lubricant. Mechanics and Industry, 2012, 13, 337-346.	1.3	8
7	Tribological behaviors of PTFE-based composites filled with bronze microparticles. Journal of Thermoplastic Composite Materials, 2019, , 089270571987520.	4.2	8
8	Production and mechanical characterization of LLDPE biocomposite filled with almond shell powder. Polymers and Polymer Composites, 2021, 29, 271-276.	1.9	8
9	Tribological and mechanical characterization of epoxy/graphite composite coatings: Effects of particles size and oxidation. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2021, 235, 129-137.	1.8	7
10	On the Role of Solid Lubricant Fillers in the Tribological, Micromechanical, and Morphological Properties of PA66 Composites. Journal of Tribology, 2020, 142, .	1.9	5
11	Structural, Micromechanical and Tribological Characterization of Zn-Ni Coatings: Effect of Sulfate Bath Composition. Transactions of the Indian Institute of Metals, 2018, 71, 1827-1840.	1.5	4
12	Type and concentration effects of particulate solid lubricants on the microstructure, friction, and wear of electrodeposited Ni composite coatings. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2019, 233, 965-974.	1.8	4
13	Design effect on the mechanical response of Total Knee Replacement under high-compression loading. International Journal of Biomedical Engineering and Technology, 2010, 4, 65.	0.2	3
14	Effects of the test conditions on the friction and wear of polyethylene. International Journal of Microstructure and Materials Properties, 2012, 7, 400.	0.1	3
15	Finite element analysis of load transfer at a fibre-matrix interface during pull-out loading. Journal of Adhesion Science and Technology, 2007, 21, 725-734.	2.6	2
16	Structural, Micromechanical and Tribological Analyses of Electrodeposited Nickel-Graphite Coatings with Different Fractions of Graphite Microparticles. Transactions of the Indian Institute of Metals, 2018, 71, 1653-1662.	1.5	2
17	Modeling age-related changes in the mechanical behavior of the fracture-fixated human tibia bone during healing. Medical Engineering and Physics, 2020, 81, 77-85.	1.7	1
18	Experimental and numerical analyses of the pull-out response of a steel post/bovine bone cementless fixation. Journal of Bionic Engineering, 2012, 9, 501-507.	5.0	0

#	ARTICLE	IF	CITATIONS
19	Effects of Varus/Valgus rotation deficiency on the response of total knee prostheses. International Journal of Biomedical Engineering and Technology, 2013, 11, 381.	0.2	0
20	EXPERIMENTAL STUDY OF THE ROLLINGâ€“SLIDING CONTACT CONDITIONS IN A PA66/STEEL GEAR USING TWIN-DISC TEST RIG: FRICTION AND WEAR ANALYSIS. Surface Review and Letters, 2015, 22, 1550074.	1.1	0