# Maher Dammak

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Production and mechanical characterization of LLDPE biocomposite filled with almond shell powder. Polymers and Polymer Composites, 2021, 29, 271-276. | 1.9 | 8 |
| 2 | Tribological and mechanical characterization of epoxy/graphite composite coatings: Effects of particlesâ€™ size and oxidation. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2021, 235, 129-137. | 1.8 | 7 |
| 3 | 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 |
| 4 | 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 |
| 5 | Tribological behaviors of PTFE-based composites filled with bronze microparticles. Journal of Thermoplastic Composite Materials, 2019, , 089270571987520. | 4.2 | 8 |
| 6 | A comparative study of tapped and untapped pilot holes for bicortical orthopedic screws â€“ 3D finite element analysis with an experimental test. Biomedizinische Technik, 2019, 64, 563-570. | 0.8 | 10 |
| 7 | 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 |
| 8 | Structural, Micromechanical and Tribological Characterization of Znâ€“Ni Coatings: Effect of Sulfate Bath Composition. Transactions of the Indian Institute of Metals, 2018, 71, 1827-1840. | 1.5 | 4 |
| 9 | Structural, Micromechanical and Tribological Analyses of Electrodeposited Nickelâ€“Graphite Coatings with Different Fractions of Graphite Microparticles. Transactions of the Indian Institute of Metals, 2018, 71, 1653-1662. | 1.5 | 2 |
| 10 | How a pilot hole size affects osteosynthesis at the screwâ€“bone interface under immediate loading. Medical Engineering and Physics, 2018, 60, 14-22. | 1.7 | 12 |
| 11 | Eco-friendly nanocomposites between carboxylated acrylonitrileâ€“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 |
| 12 | Experimental simulation of the friction, temperature, and wear distributions for polyamideâ€“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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Microstructure, friction and wear analysis of thermoplastic based composites with solid lubricant. Mechanics and Industry, 2012, 13, 337-346. | 1.3 | 8 |
| 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 | 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 |
| 20 | Finite element analysis of load transfer at a fibreâ€“matrix interface during pull-out loading. Journal of Adhesion Science and Technology, 2007, 21, 725-734. | 2.6 | 2 |