

Alexis T Kermanidis

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

126
citations

1478505

6
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1588992

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9
all docs

9
docs citations

9
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	On the effect of austenite stability on high cycle fatigue of TRIP 700 steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2013, 573, 7-11.	5.6	38
2	Fatigue behavior and retained austenite transformation of Al-containing TRIP steels. <i>International Journal of Fatigue</i> , 2016, 91, 220-231.	5.7	31
3	Prediction of crack growth following a single overload in aluminum alloy with sheet and plate microstructure. <i>Engineering Fracture Mechanics</i> , 2011, 78, 2325-2337.	4.3	22
4	Biomechanical evaluation of three patellar fixation techniques for MPFL reconstruction: Load to failure did not differ but interference screw stabilization was stiffer than suture anchor and suture-knot fixation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2021, 29, 3697-3705.	4.2	12
5	Effect of retained austenite stability on cyclic deformation behavior of low alloy transformation induced plasticity steels. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 1085-1099.	3.4	6
6	Analytical modeling of fatigue crack propagation based on cyclic hardening and a characteristic damage length. <i>International Journal of Fatigue</i> , 2020, 141, 105864.	5.7	6
7	Biomechanical comparison of two medial patellofemoral ligament reconstruction techniques: Quadriceps tendon fixation versus single-tunnel patella fixation with gracilis autograft did not differ in load to failure and stiffness. <i>Knee</i> , 2021, 33, 169-175.	1.6	6
8	Influence of plastic prestraining on the fatigue crack propagation rate of S355MC and S460MC structural steels. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 1391-1405.	3.4	5