

Abdelkader Krichen

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

259
citations

1040056

9
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

139
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction Efficiency of the Ultimate Load Capacity of Nut Thread with Insufficient Engagement Length. Lecture Notes in Mechanical Engineering, 2022, , 1-10.	0.4	4
2	Internal and interface shear behaviors of cut and form tapping thread. International Journal of Advanced Manufacturing Technology, 2019, 105, 3463-3475.	3.0	12
3	Plastic anisotropy effect on forming kinematics of the hole-flanging process. International Journal of Advanced Manufacturing Technology, 2019, 101, 733-746.	3.0	3
4	Calibration method of ductile damage model based on hybrid experimental-numerical analysis of uniaxial tensile and hole-expansion tests. Engineering Fracture Mechanics, 2018, 200, 218-233.	4.3	11
5	Experimental study of the effect of the threading process on the mechanical and tribological behaviors of the triangular thread. International Journal of Advanced Manufacturing Technology, 2017, 88, 269-276.	3.0	3
6	Determination of an adequate geometry of the flanged hole to perform formed threads. International Journal of Advanced Manufacturing Technology, 2017, 92, 547-560.	3.0	8
7	Advanced analysis for the countersinking process. International Journal of Advanced Manufacturing Technology, 2017, 90, 3473-3481.	3.0	4
8	Analysis of geometrical parameters and occurrence of defects in the hole-flanging process on thin sheet metal. Journal of Materials Processing Technology, 2016, 234, 228-242.	6.3	15
9	External curling process of thin tubes: finite element and experimental investigation. International Journal of Advanced Manufacturing Technology, 2016, 87, 3169-3184.	3.0	12
10	Finite element analysis of hole-flanging process with various anisotropy assumptions. International Journal of Advanced Manufacturing Technology, 2015, 80, 11-19.	3.0	9
11	Prediction of damage in the hole-flanging process using a physically based approach. International Journal of Damage Mechanics, 2015, 24, 840-858.	4.2	12
12	Failure prediction in the hole-flanging process of aluminium alloys. Engineering Fracture Mechanics, 2013, 99, 251-265.	4.3	45
13	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
14	Finite element analysis of countersinking process. International Journal of Advanced Manufacturing Technology, 2011, 55, 641-648.	3.0	7
15	Occurrence and effect of ironing in the hole-flanging process. Journal of Materials Processing Technology, 2011, 211, 1606-1613.	6.3	36
16	Blank-holding effect on the hole-flanging process of sheet aluminum alloy. Journal of Materials Processing Technology, 2011, 211, 619-626.	6.3	36
17	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
18	Visualisation of tibiofemoral contact in total knee replacement using optical device. Knee, 2006, 13, 226-230.	1.6	5

#	ARTICLE	IF	CITATIONS
19	Surface damage of poly(methylmethacrylate) under fretting loading. <i>Wear</i> , 1999, 230, 146-155.	3.1	15
20	Analysis of the Fretting Conditions in a Contact Between an Epoxy Thermoset and a Glass Counterface. <i>Tribology Transactions</i> , 1999, 42, 377-384.	2.0	7
21	Experimental and numerical investigation of the sliding behaviour in a fretting contact between poly(methylmethacrylate) and a glass counterface. <i>Tribology International</i> , 1996, 29, 615-624.	5.9	12