

# Abdelkader Krichen

## List of Publications by Year in descending order

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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	Failure prediction in the hole-flanging process of aluminium alloys. <i>Engineering Fracture Mechanics</i> , 2013, 99, 251-265.	4.3	45
2	Occurrence and effect of ironing in the hole-flanging process. <i>Journal of Materials Processing Technology</i> , 2011, 211, 1606-1613.	6.3	36
3	Blank-holding effect on the hole-flanging process of sheet aluminum alloy. <i>Journal of Materials Processing Technology</i> , 2011, 211, 619-626.	6.3	36
4	Surface damage of poly(methylmethacrylate) under fretting loading. <i>Wear</i> , 1999, 230, 146-155.	3.1	15
5	Analysis of geometrical parameters and occurrence of defects in the hole-flanging process on thin sheet metal. <i>Journal of Materials Processing Technology</i> , 2016, 234, 228-242.	6.3	15
6	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
7	Prediction of damage in the hole-flanging process using a physically based approach. <i>International Journal of Damage Mechanics</i> , 2015, 24, 840-858.	4.2	12
8	External curling process of thin tubes: finite element and experimental investigation. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 87, 3169-3184.	3.0	12
9	Internal and interface shear behaviors of cut and form tapping thread. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 3463-3475.	3.0	12
10	Calibration method of ductile damage model based on hybrid experimental-numerical analysis of uniaxial tensile and hole-expansion tests. <i>Engineering Fracture Mechanics</i> , 2018, 200, 218-233.	4.3	11
11	Finite element analysis of hole-flanging process with various anisotropy assumptions. <i>International Journal of Advanced Manufacturing Technology</i> , 2015, 80, 11-19.	3.0	9
12	Determination of an adequate geometry of the flanged hole to perform formed threads. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 92, 547-560.	3.0	8
13	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
14	Finite element analysis of countersinking process. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 55, 641-648.	3.0	7
15	Visualisation of tibiofemoral contact in total knee replacement using optical device. <i>Knee</i> , 2006, 13, 226-230.	1.6	5
16	Advanced analysis for the countersinking process. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 90, 3473-3481.	3.0	4
17	Prediction Efficiency of the Ultimate Load Capacity of Nut Thread with Insufficient Engagement Length. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 1-10.	0.4	4
18	Design effect on the mechanical response of Total Knee Replacement under high-compression loading. <i>International Journal of Biomedical Engineering and Technology</i> , 2010, 4, 65.	0.2	3

#	ARTICLE	IF	CITATIONS
19	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
20	Plastic anisotropy effect on forming kinematics of the hole-flanging process. International Journal of Advanced Manufacturing Technology, 2019, 101, 733-746.	3.0	3
21	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