Ali Basti

List of Publications by Year
in descending order

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9 papers	87 citations	1684188 5 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	109 citing authors

#	Article	IF	Citations
1	Investigation on the forming limit diagram of AA5754-O alloy by considering strain hardening model, strain path, and through-thickness normal stress. International Journal of Advanced Manufacturing Technology, 2021, 113, 2495-2511.	3.0	6
2	Inverse modelling of electrochemical machining process using a novel combination of soft computing methods. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2020, 234, 3436-3446.	2.1	6
3	Analyses of Dislocation Effects on Plastic Deformation. Multiscale Science and Engineering, 2020, 2, 69-89.	1.7	8
4	Stress-based forming limit diagrams (SFLD) considering strain rate effect and ductile damage phenomenon. International Journal of Materials Research, 2020, 111, 136-145.	0.3	1
5	A ductile damage-based vertex model for predictorâ€"controller of forming limit at different strain rates with experimental validations. International Journal of Advanced Manufacturing Technology, 2019, 104, 867-879.	3.0	4
6	Achieving maximum dimensional accuracy and surface quality at the shortest possible time in single-point incremental forming via multi-objective optimization. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2019, 233, 900-913.	2.4	34
7	Effects of normal and through-thickness shear stresses on the forming limit curves of AA3104-H19 using advanced yield criteria. International Journal of Mechanical Sciences, 2018, 137, 15-23.	6.7	20
8	Effect of Martensite Volume Fraction on Forming Limit Diagrams of Dual-Phase Steel. Journal of Materials Engineering and Performance, 2015, 24, 1781-1789.	2.5	8
9	Prediction of forming limit diagram for different strain paths in crystalline FCC ideal-orientation material. Mechanics of Time-Dependent Materials, 0, , 1.	4.4	0