Jinjin Ha

List of Publications by Citations

26 papers	411 citations	9 h-index	20 g-index
28 ext. papers	513 ext. citations	3.2 avg, IF	4.08 L-index

#	Paper	IF	Citations
26	Extension of homogeneous anisotropic hardening model to cross-loading with latent effects. *International Journal of Plasticity*, **2013**, 46, 130-142	7.6	144
25	Strain hardening response and modeling of EDDQ and DP780 steel sheet under non-linear strain path. *Mechanics of Materials*, **2013**, 64, 11-26	3.3	68
24	Plastic anisotropy and ductile fracture of bake-hardened AA6013 aluminum sheet. *International Journal of Solids and Structures*, **2018**, 155, 123-139	3.1	44
23	Investigation of plastic strain rate under strain path changes in dual-phase steel using microstructure-based modeling. *International Journal of Plasticity*, **2017**, 93, 89-111	7.6	27
22	Evolutionary anisotropy and flow stress in advanced high strength steels under loading path changes. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing*, **2016**, 672, 65-77	5.3	20
21	Ductile fracture of an aluminum sheet under proportional loading. *Journal of the Mechanics and Physics of Solids*, **2019**, 132, 103685	5	19
20	Continuous strain path change simulations for sheet metal. *Computational Materials Science*, **2014**, 82, 286-292	3.2	15
19	Plasticity and ductile fracture modeling of an Al-Si-Mg die-cast alloy. *International Journal of Fracture*, **2019**, 216, 101-121	2.3	13
18	On the expansion of a circular hole in an orthotropic elastoplastic thin sheet. *International Journal of Mechanical Sciences*, **2020**, 182, 105706	5.5	13
17	Meso-Scopic Analysis of Strain Path Change Effect on the Hardening Behavior of Dual-Phase Steel. *Steel Research International*, **2014**, 85, 1047-1057	1.6	9
16	A Coupled Crystal Plasticity and Anisotropic Yield Function Model to Identify the Anisotropic Plastic Properties and Friction Behavior of an AA 3003 Alloy. *Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science*, **2018**, 49, 282-294	2.3	9
15	Failure of AA6022-T4 sheets in hole-expansion after uniaxial prestrain **2019**,		6
14	Effect of plastic anisotropy and Portevin-Le Chatelier bands on hole-expansion in AA7075 sheets in -T6 and -W tempers. *Journal of Materials Processing Technology*, **2021**, 296, 117211	5.3	6
13	Ductile fracture of an Al-Si-Mg die-casting aluminum alloy. *Procedia Engineering*, **2017**, 207, 2024-2029		3
12	Plasticity and Formability of Annealed, Commercially-Pure Aluminum: Experiments and Modeling. *Materials*, **2020**, 13,	3.5	3
11	Modeling of plasticity-induced martensitic transformation to achieve hierarchical, heterogeneous, and tailored microstructures in stainless steels. *CIRP Journal of Manufacturing Science and Technology*, **2021**, 33, 389-397	3.4	3
10	Hybrid fitting-numerical method for determining strain-hardening behavior of sheet metals. *Mechanics of Materials*, **2021**, 161, 104031	3.3	3

List of Publications

9	Observation of Portevin-le Chatelier effect in aluminum alloy 7075-w under a heterogeneous stress field. *Scripta Materialia*, **2021**, 205, 114178	5.6	3
8	Hole-Expansion: Sensitivity of Failure Prediction on Plastic Anisotropy Modeling. *Journal of Manufacturing and Materials Processing*, **2021**, 5, 28	2.2	1
7	Ductile fracture of AA6111 alloy including the effect of bake-hardening. *Journal of Physics: Conference Series*, **2018**, 1063, 012026	0.3	1
6	Robustness of deep-drawing finite-element simulations to process variations. *International Journal of Material Forming*, **2022**, 15,	2	1
5	Prediction of part shape and associated material properties in hot-press forming using Unite element analysis. *Journal of Physics: Conference Series*, **2016**, 734, 032024	0.3	
4	An Application of Homogeneous Anisotropic Hardening Model to the Prestrained Hole-Expansion Experiment. *Minerals, Metals and Materials Series*, **2021**, 1991-1998	0.3	
3	Design of a New Cruciform-Like Specimen for Combined Tension and Shear of Metal Sheets. *Minerals, Metals and Materials Series*, **2021**, 1961-1967	0.3	
2	Sensitivity Study of Plastic Anisotropy on Failure Prediction in Hole-Expansion. *Minerals, Metals and Materials Series*, **2022**, 727-731	0.3	
1	Shape Optimization of a Cruciform-Like Specimen for Combined Tension and Shear Loading. *Minerals, Metals and Materials Series*, **2022**, 389-397	0.3	