

# Jinjin Ha

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6828420/jinjin-ha-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Robustness of deep-drawing finite-element simulations to process variations. <i>International Journal of Material Forming</i> , <b>2022</b> , 15,	2	1
25	Sensitivity Study of Plastic Anisotropy on Failure Prediction in Hole-Expansion. <i>Minerals, Metals and Materials Series</i> , <b>2022</b> , 727-731	0.3	
24	Shape Optimization of a Cruciform-Like Specimen for Combined Tension and Shear Loading. <i>Minerals, Metals and Materials Series</i> , <b>2022</b> , 389-397	0.3	
23	Hole-Expansion: Sensitivity of Failure Prediction on Plastic Anisotropy Modeling. <i>Journal of Manufacturing and Materials Processing</i> , <b>2021</b> , 5, 28	2.2	1
22	Modeling of plasticity-induced martensitic transformation to achieve hierarchical, heterogeneous, and tailored microstructures in stainless steels. <i>CIRP Journal of Manufacturing Science and Technology</i> , <b>2021</b> , 33, 389-397	3.4	3
21	An Application of Homogeneous Anisotropic Hardening Model to the Prestrained Hole-Expansion Experiment. <i>Minerals, Metals and Materials Series</i> , <b>2021</b> , 1991-1998	0.3	
20	Design of a New Cruciform-Like Specimen for Combined Tension and Shear of Metal Sheets. <i>Minerals, Metals and Materials Series</i> , <b>2021</b> , 1961-1967	0.3	
19	Effect of plastic anisotropy and Portevin-Le Chatelier bands on hole-expansion in AA7075 sheets in -T6 and -W tempers. <i>Journal of Materials Processing Technology</i> , <b>2021</b> , 296, 117211	5.3	6
18	Hybrid fitting-numerical method for determining strain-hardening behavior of sheet metals. <i>Mechanics of Materials</i> , <b>2021</b> , 161, 104031	3.3	3
17	Observation of Portevin-le Chatelier effect in aluminum alloy 7075-w under a heterogeneous stress field. <i>Scripta Materialia</i> , <b>2021</b> , 205, 114178	5.6	3
16	On the expansion of a circular hole in an orthotropic elastoplastic thin sheet. <i>International Journal of Mechanical Sciences</i> , <b>2020</b> , 182, 105706	5.5	13
15	Plasticity and Formability of Annealed, Commercially-Pure Aluminum: Experiments and Modeling. <i>Materials</i> , <b>2020</b> , 13,	3.5	3
14	Ductile fracture of an aluminum sheet under proportional loading. <i>Journal of the Mechanics and Physics of Solids</i> , <b>2019</b> , 132, 103685	5	19
13	Plasticity and ductile fracture modeling of an AlSiMg die-cast alloy. <i>International Journal of Fracture</i> , <b>2019</b> , 216, 101-121	2.3	13
12	Failure of AA6022-T4 sheets in hole-expansion after uniaxial prestrain <b>2019</b> ,		6
11	Plastic anisotropy and ductile fracture of bake-hardened AA6013 aluminum sheet. <i>International Journal of Solids and Structures</i> , <b>2018</b> , 155, 123-139	3.1	44
10	A Coupled Crystal Plasticity and Anisotropic Yield Function Model to Identify the Anisotropic Plastic Properties and Friction Behavior of an AA 3003 Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , <b>2018</b> , 49, 282-294	2.3	9

9	Ductile fracture of AA6111 alloy including the effect of bake-hardening. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1063, 012026	0.3	1
8	Investigation of plastic strain rate under strain path changes in dual-phase steel using microstructure-based modeling. <i>International Journal of Plasticity</i> , <b>2017</b> , 93, 89-111	7.6	27
7	Ductile fracture of an Al-Si-Mg die-casting aluminum alloy. <i>Procedia Engineering</i> , <b>2017</b> , 207, 2024-2029		3
6	Evolutionary anisotropy and flow stress in advanced high strength steels under loading path changes. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2016</b> , 672, 65-77	5.3	20
5	Prediction of part shape and associated material properties in hot-press forming using Unite element analysis. <i>Journal of Physics: Conference Series</i> , <b>2016</b> , 734, 032024	0.3	
4	Meso-Scopic Analysis of Strain Path Change Effect on the Hardening Behavior of Dual-Phase Steel. <i>Steel Research International</i> , <b>2014</b> , 85, 1047-1057	1.6	9
3	Continuous strain path change simulations for sheet metal. <i>Computational Materials Science</i> , <b>2014</b> , 82, 286-292	3.2	15
2	Extension of homogeneous anisotropic hardening model to cross-loading with latent effects. <i>International Journal of Plasticity</i> , <b>2013</b> , 46, 130-142	7.6	144
1	Strain hardening response and modeling of EDDQ and DP780 steel sheet under non-linear strain path. <i>Mechanics of Materials</i> , <b>2013</b> , 64, 11-26	3.3	68