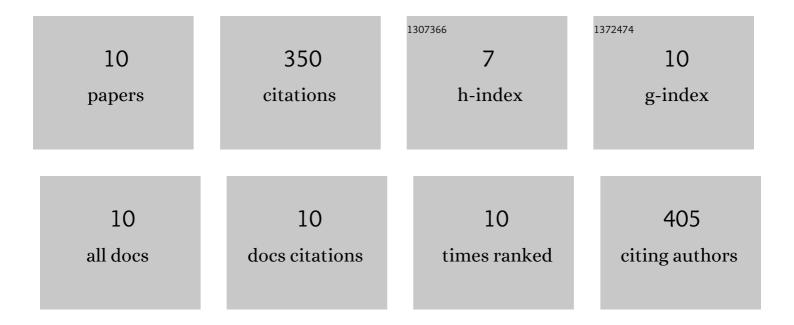
Helena Jin

List of Publications by Year in descending order

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HELENA LIN

#	Article	IF	CITATIONS
1	Solid Cylinder Torsion for Large Shear Deformation and Failure of Engineering Materials. Experimental Mechanics, 2021, 61, 307-320.	1.1	8
2	Characterization of 304L laser welds using digital image correlation and x-ray computed tomography. Measurement Science and Technology, 2021, 32, 104010.	1.4	3
3	Comparing field data using Alpert multi-wavelets. Computational Mechanics, 2020, 66, 893-910.	2.2	4
4	Collaborative ductile rupture mechanisms of high-purity copper identified by in situ X-ray computed tomography. Acta Materialia, 2019, 181, 377-384.	3.8	32
5	Damage mechanisms in elastomeric foam composites: Multiscale X-ray computed tomography and finite element analyses. Composites Science and Technology, 2019, 169, 195-202.	3.8	26
6	Influence of Scanning Rotation on Nanoscale Artificial Strain in Open-Loop Atomic Force Microscopy. Experimental Mechanics, 2011, 51, 619-624.	1.1	7
7	Reversible nanoscale deformation in compositionally graded shape memory alloy films. Applied Physics Letters, 2009, 94, 193114.	1.5	20
8	Nanoscale structural and mechanical characterization of the cell wall of bamboo fibers. Materials Science and Engineering C, 2009, 29, 1375-1379.	3.8	144
9	Full-field characterization of mechanical behavior of polyurethane foams. International Journal of Solids and Structures, 2007, 44, 6930-6944.	1.3	72
10	A new method for characterizing nonlinearity in scanning probe microscopes using digital image correlation. Nanotechnology, 2005, 16, 1849-1855.	1.3	34