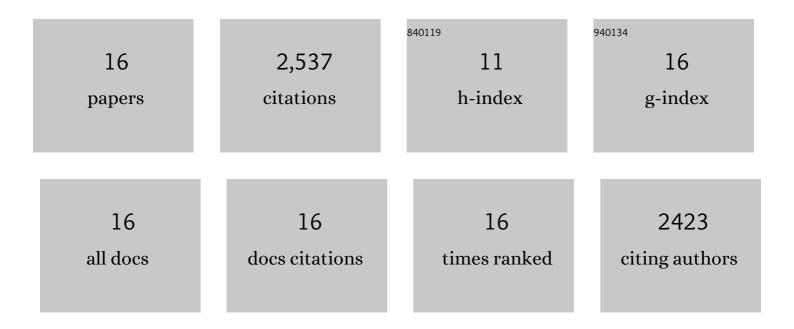
Yifan Ye

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Atomic-scale distorted lattice in chemically disordered equimolar complex alloys. Acta Materialia, 2018, 150, 182-194.	3.8	89
2	Unusual vortex-like atomic motion observed for viscoelasticity in metallic glass. Computational Materials Science, 2018, 155, 104-111.	1.4	5
3	Static atomic-scale structural heterogeneity and its effects on glass formation and dynamics of metallic glasses. Intermetallics, 2018, 101, 133-143.	1.8	12
4	The breakdown of strength size scaling in spherical nanoindentation and microcompression of metallic glasses. Scripta Materialia, 2017, 130, 283-287.	2.6	7
5	Universal secondary relaxation and unusual brittle-to-ductile transition in metallic glasses. Materials Today, 2017, 20, 293-300.	8.3	114
6	The kinetic origin of delayed yielding in metallic glasses. Applied Physics Letters, 2016, 108, 251901.	1.5	8
7	The thermal history effect on shear band initiation in metallic glass. Journal of Applied Physics, 2016, 119, 245113.	1.1	6
8	Elemental segregation in solid-solution high-entropy alloys: Experiments and modeling. Journal of Alloys and Compounds, 2016, 681, 167-174.	2.8	46
9	The general effect of atomic size misfit on glass formation in conventional and high-entropy alloys. Intermetallics, 2016, 78, 30-41.	1.8	22
10	High-entropy alloy: challenges and prospects. Materials Today, 2016, 19, 349-362.	8.3	1,698
11	Atomistic mechanism of elastic softening in metallic glass under cyclic loading revealed by molecular dynamics simulations. Intermetallics, 2016, 68, 5-10.	1.8	23
12	The generalized thermodynamic rule for phase selection in multicomponent alloys. Intermetallics, 2015, 59, 75-80.	1.8	108
13	Softening-induced plastic flow instability and indentation size effect in metallic glass. Journal of the Mechanics and Physics of Solids, 2015, 77, 70-85.	2.3	36
14	Design of high entropy alloys: A single-parameter thermodynamic rule. Scripta Materialia, 2015, 104, 53-55.	2.6	209
15	A geometric model for intrinsic residual strain and phase stability in high entropy alloys. Acta Materialia, 2015, 94, 152-161.	3.8	141
16	Probing Stochastic Nano-Scale Inelastic Events in Stressed Amorphous Metal. Scientific Reports, 2014, 4, 6699.	1.6	13