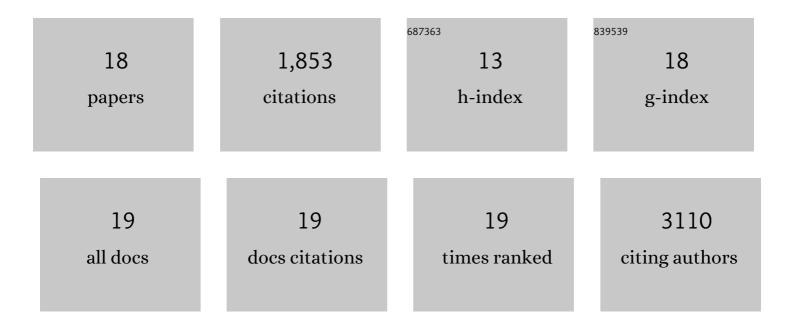
Jizi Liu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Single Carbon Vacancy Traps Atomic Platinum for Hydrogen Evolution Catalysis. Journal of the American Chemical Society, 2022, 144, 2171-2178.	13.7	140
2	Breaking Material Property Trade-offs via Macrodesign of Microstructure. Nano Letters, 2021, 21, 3191-3197.	9.1	41
3	A medium-range structure motif linking amorphous and crystalline states. Nature Materials, 2021, 20, 1347-1352.	27.5	92
4	Formation of solute nanostructures in an Al–Zn–Mg alloy during long-term natural aging. Journal of Alloys and Compounds, 2020, 821, 153572.	5.5	33
5	Revealing Solute Clusters in Coalescence by Atom Probe Tomography Analysis. Microscopy and Microanalysis, 2020, 26, 1079-1087.	0.4	2
6	Thermoelectric performance of nanostructured In/Pb codoped SnTe with band convergence and resonant level prepared <i>via</i> a green and facile hydrothermal method. Nanoscale, 2020, 12, 5857-5865.	5.6	21
7	Understanding the Activity of Coâ€N _{4â~'<i>x</i>} C _{<i>x</i>} in Atomic Metal Catalysts for Oxygen Reduction Catalysis. Angewandte Chemie, 2020, 132, 6178-6183.	2.0	47
8	Understanding the Activity of Coâ€N _{4â^'<i>x</i>} C _{<i>x</i>} in Atomic Metal Catalysts for Oxygen Reduction Catalysis. Angewandte Chemie - International Edition, 2020, 59, 6122-6127.	13.8	156
9	Strengthening Al-Zn-Mg Alloys via Ultra-Fine Lamella Structures Containing a High Density of Dislocations and Clusters. Metals, 2019, 9, 140.	2.3	2
10	Nanostructured SnSe integrated with Se quantum dots with ultrahigh power factor and thermoelectric performance from magnetic field-assisted hydrothermal synthesis. Journal of Materials Chemistry A, 2019, 7, 15757-15765.	10.3	45
11	The Influence of Pre- and Post-Heat Treatment on Mechanical Properties and Microstructures in Friction Stir Welding of Dissimilar Age-Hardenable Aluminum Alloys. Metals, 2019, 9, 1162.	2.3	6
12	Atomic Cobalt on Defective Bimodal Mesoporous Carbon toward Efficient Oxygen Reduction for Zinc–Air Batteries. Small Methods, 2019, 3, 1800450.	8.6	45
13	Achieving High Thermoelectric Figure of Merit in Polycrystalline SnSe via Introducing Sn Vacancies. Journal of the American Chemical Society, 2018, 140, 499-505.	13.7	180
14	A monoclinic polymorph of sodium birnessite for ultrafast and ultrastable sodium ion storage. Nature Communications, 2018, 9, 5100.	12.8	142
15	The Influence of Microstructural Heterogeneity on Mechanical Properties of Friction Stir Welded Joints of T6-Treated Al-Zn-Mg Alloy 7A52. Metals, 2018, 8, 527.	2.3	10
16	Ultrathin Cs ₃ Bi ₂ I ₉ Nanosheets as an Electronic Memory Material for Flexible Memristors. Advanced Materials Interfaces, 2017, 4, 1700131.	3.7	90
17	Two-dimensional antimonene single crystals grown by van der Waals epitaxy. Nature Communications, 2016, 7, 13352.	12.8	798
18	Effect of Rolling Temperature on Microstructural Characteristics and Deformation Mechanisms of a Metastable Austenitic Stainless Steel. Steel Research International, 0, , .	1.8	1