

# Bo Zhang

## List of Publications by Year in descending order

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19  
papers

250  
citations

1162367

8  
h-index

940134

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

454  
citing authors

#	ARTICLE	IF	CITATIONS
1	New and Efficient Electrocatalyst for Hydrogen Production from Water Splitting: Inexpensive, Robust Metallic Glassy Ribbons Based on Iron and Cobalt. ACS Applied Materials & Interfaces, 2017, 9, 31340-31344.	4.0	61
2	Monoatomic Platinum-Anchored Metallic MoS <sub>2</sub> : Correlation between Surface Dopant and Hydrogen Evolution. Journal of Physical Chemistry Letters, 2019, 10, 6081-6087.	2.1	53
3	Atomically Intercalating Tin Ions into the Interlayer of Molybdenum Oxide Nanobelt toward Long-Cycling Lithium Battery. Journal of Physical Chemistry Letters, 2018, 9, 817-824.	2.1	39
4	Amorphous Fe <sup>~</sup> Co <sup>~</sup> P <sup>~</sup> C Film on a Carbon Fiber Paper Support as an Efficient Electrocatalyst for the Oxygen Evolution Reaction. ChemElectroChem, 2019, 6, 3976-3981.	1.7	13
5	Fe <sub>40</sub> Co <sub>40</sub> Se <sub>20</sub> Glassy Films Supported on Carbon Fiber Paper as Electrocatalysts in the Oxygen Evolution Reaction. Journal of the Electrochemical Society, 2019, 166, F620-F626.	1.3	12
6	Evaluating the correlation between liquid fragility and glass-forming ability in the extremely strong Ce-based bulk metallic glasses. Journal of Applied Physics, 2017, 122, .	1.1	10
7	Strong beta relaxation in high entropy bulk metallic glasses. Journal of Applied Physics, 2020, 127, .	1.1	10
8	Pressure-induced elastic anomaly in a polyamorphous metallic glass. Applied Physics Letters, 2017, 110, .	1.5	9
9	A multi-slice sliding cell technique for diffusion measurements in liquid metals. Review of Scientific Instruments, 2017, 88, 093905.	0.6	9
10	A Novel CeO <sub>2</sub> /Cu <sub>2</sub> O/CuO Nanocomposite Designed from a CeAlCu Glass Precursor as an Excellent Dual Function Catalyst in Dye Wastewater Remediation. ChemCatChem, 2021, 13, 924-933.	1.8	8
11	Atomic structure and dynamics properties of Cu <sub>50</sub> Zr <sub>50</sub> films. Journal of Applied Physics, 2018, 123, .	1.1	7
12	Structural evolution and atomic diffusion behavior in the Ce <sub>70</sub> Al <sub>10</sub> Cu <sub>20</sub> melt under compression: A theoretical study using <i>ab-initio</i> molecular dynamics simulations. Journal of Applied Physics, 2017, 122, .	1.1	3
13	Novel compounds of cerium binary alloys from high-throughput first-principles calculations. Journal of Applied Physics, 2018, 123, .	1.1	3
14	Structural origin of the high glass-forming ability of Ce <sub>70</sub> Ga <sub>10</sub> Cu <sub>20</sub> alloys. Physical Chemistry Chemical Physics, 2019, 21, 4209-4214.	1.3	3
15	The Effect of Mo Addition on Electrocatalytic Activity and Stability of Fe-Co-P-C Metallic Glasses for Hydrogen Evolution. Journal of the Electrochemical Society, 2021, 168, 076510.	1.3	3
16	Embedded atom method potentials for La-Al-Ni ternary alloy. Journal of Applied Physics, 2019, 125, 245109.	1.1	2
17	The dependence of the boson peak on the thickness of Cu <sub>50</sub> Zr <sub>50</sub> film metallic glasses. Physical Chemistry Chemical Physics, 2021, 23, 982-989.	1.3	2
18	A new analysis method based on the Onsager reciprocal relations for interdiffusion in a multicomponent melt. Journal of Applied Physics, 2021, 129, 125101.	1.1	2

#	ARTICLE	IF	CITATIONS
19	Specific heat characteristics of Ce <sub>70</sub> Ga <sub>8.5</sub> Cu <sub>18.5</sub> Ni <sub>3</sub> metallic glass at low temperatures. Journal of Applied Physics, 2018, 123, 115108.	1.1	1