

# Chengying Tang

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

200  
citations

933447

10  
h-index

1058476

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Melting and phase diagram of Au-Cu alloy at nanoscale. Journal of Alloys and Compounds, 2022, 891, 162029.	5.5	5
2	Comparative study of thermal stability and crystallization kinetics between melt-spun and bulk Pd <sub>77.5</sub> Cu <sub>6</sub> Si <sub>16.5</sub> metallic glasses. Journal of Materials Research and Technology, 2022, 17, 2203-2219.	5.8	10
3	One-Step Hydrothermal Synthesis of Nanostructured MgBi <sub>2</sub> O <sub>6</sub> /TiO <sub>2</sub> Composites for Enhanced Hydrogen Production. Nanomaterials, 2022, 12, 1302.	4.1	3
4	Melting and phase diagram of Au-Co alloy at nanoscale by thermodynamic modeling and key experiments. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2022, 78, 102438.	1.6	1
5	Thermodynamic reassessment of the Ag-Cu phase diagram at nano-scale. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2021, 72, 102233.	1.6	11
6	Photocatalytic removal of MB and hydrogen evolution in water by (Sr <sub>0.6</sub> Bi <sub>0.305</sub> ) <sub>2</sub> Bi <sub>2</sub> O <sub>7</sub> /TiO <sub>2</sub> heterostructures under visible-light irradiation. Applied Surface Science, 2021, 544, 148920.	6.1	24
7	Facile One-Step Hydrothermal Fabrication of (Sr <sub>0.6</sub> Bi <sub>0.305</sub> ) <sub>2</sub> Bi <sub>2</sub> O <sub>7</sub> /SnO <sub>2</sub> Heterojunction with Excellent Photocatalytic Activity. Nanomaterials, 2020, 10, 321.	4.1	7
8	(Sr <sub>0.6</sub> Bi <sub>0.305</sub> ) <sub>2</sub> Bi <sub>2</sub> O <sub>7</sub> as a new visible-light-responsive photocatalyst: An experimental and theoretical study. Materials Research Bulletin, 2019, 118, 110484.	5.2	16
9	Nonlinear Size-Dependent Melting of Silica-Encapsulated Ag-Cu Alloy Nanoparticles. Journal of Physical Chemistry C, 2018, 122, 27761-27768.	3.1	11
10	Thermal stability and non-isothermal crystallization kinetics of Pd <sub>82</sub> Si <sub>18</sub> amorphous ribbon. AIP Advances, 2017, 7, .	1.3	8
11	Effect of copper addition on the glass forming ability in Pd-Si binary amorphous alloying system. AIP Advances, 2017, 7, .	1.3	2
12	Effect of soda lime flux on evaluation of the critical cooling rate of Pd <sub>82</sub> Si <sub>18</sub> amorphous ribbon. AIP Advances, 2017, 7, 095308.	1.3	0
13	Kinetics of glass transition of La <sub>65</sub> Al <sub>20</sub> Co <sub>15</sub> metallic glass. Journal of Alloys and Compounds, 2015, 629, 11-15.	5.5	11
14	Atomic mobilities in fcc Cu-Mn-Ni-Zn alloys and their characterizations of uphill diffusion and zero-flux plane phenomena. International Journal of Materials Research, 2014, 105, 13-31.	0.3	5
15	Nonlinear size-dependent melting of the silica-encapsulated silver nanoparticles. Applied Physics Letters, 2012, 100, .	3.3	21
16	Experimental investigation of the Ce-Cu phase diagram. Journal of Alloys and Compounds, 2012, 511, 262-267.	5.5	16
17	Wettability of Mn <sub>x</sub> Si <sub>y</sub> O <sub>z</sub> by Liquid Zn-Al Alloys. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2010, 41, 872-875.	2.1	21
18	Phase equilibria and thermal analysis in the Fe-Mn-Ni system. International Journal of Materials Research, 2009, 100, 160-175.	0.3	18

#	ARTICLE	IF	CITATIONS
19	Thermodynamic assessment of the Ce-Mn system. Journal of Alloys and Compounds, 2007, 437, 102-106.	5.5	10