

# Jiangbo Cheng

## List of Publications by Year in descending order

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17  
papers

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citations

933447

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docs citations

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times ranked

235  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Characterization of Al-Based Amorphous Coating. <i>Jom</i> , 2020, 72, 745-753.	1.9	48
2	In-situ synthesis of novel Al-Fe-Si metallic glass coating by arc spraying. <i>Journal of Alloys and Compounds</i> , 2017, 716, 88-95.	5.5	43
3	Thermally induced microstructure evolution and effects on the corrosion behaviors of AlFeSi metallic glass coatings. <i>Intermetallics</i> , 2022, 143, 107473.	3.9	30
4	Microstructure and Electrochemical Properties of CoCrCuFeNiNb High-Entropy Alloys Coatings. <i>Acta Metallurgica Sinica (English Letters)</i> , 2014, 27, 1031-1037.	2.9	27
5	Effect of Initial Surface Roughness on Cavitation Erosion Resistance of Arc-Sprayed Fe-Based Amorphous/Nanocrystalline Coatings. <i>Coatings</i> , 2017, 7, 200.	2.6	25
6	Cavitation Erosion Resistance of Fe-Based Amorphous/Nanocrystal Coatings Prepared by High-Velocity Arc Spraying. <i>Journal of Thermal Spray Technology</i> , 2014, 23, 742-749.	3.1	24
7	Wear Behaviors of Arc-Sprayed FeBSiNb Amorphous Coatings. <i>Tribology Letters</i> , 2015, 60, 1.	2.6	20
8	Microstructure and Corrosion Resistance of Fe-Based Coatings Prepared by Twin Wires Arc Spraying Process. <i>Journal of Thermal Spray Technology</i> , 2014, 23, 333-339.	3.1	19
9	Formation and Properties of Superhydrophobic Al Coatings on Steel. <i>ACS Omega</i> , 2021, 6, 18383-18394.	3.5	17
10	Microstructure and Tribocorrosion Behavior of Al <sub>2</sub> O <sub>3</sub> /Al Composite Coatings: Role of Al <sub>2</sub> O <sub>3</sub> Addition. <i>Journal of Thermal Spray Technology</i> , 2020, 29, 1741-1751.	3.1	12
11	Slurry Erosion Wear Resistance and Impact-Induced Phase Transformation of Titanium Alloys. <i>Tribology Letters</i> , 2018, 66, 1.	2.6	10
12	Microstructure and Sliding Wear Behaviors of Plasma-Sprayed Fe-Based Amorphous Coatings in 3.5Åwt.% NaCl Solution. <i>Journal of Thermal Spray Technology</i> , 2019, 28, 1049-1059.	3.1	10
13	Structural and Tribological Characteristics of Nanoscale FePSiBNb Coatings. <i>Journal of Thermal Spray Technology</i> , 2017, 26, 530-538.	3.1	9
14	Effects of Substitution of Fe by Mischmetal on Formation and Properties of Arc-Sprayed AlSi-Based Amorphous Coating. <i>Journal of Thermal Spray Technology</i> , 2018, 27, 949-958.	3.1	6
15	Corrosion behaviours of arc-sprayed AlSi-based amorphous/nanocrystalline coating. <i>Surface Engineering</i> , 2021, 37, 606-617.	2.2	6
16	Friction and Wear Properties of ZrO <sub>2</sub> Al <sub>2</sub> O <sub>3</sub> Composite with Three Layered Structure Under Water Lubrication. <i>Tribology Letters</i> , 2013, 49, 151-156.	2.6	1
17	Effects of Cr and Nb Additions on Sliding Wear Behaviors of the FePSiB Coatings. <i>Coatings</i> , 2018, 8, 463.	2.6	0