

# Chonggui Li

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

425  
citations

759233

12  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

328  
citing authors

#	ARTICLE	IF	CITATIONS
1	The mechanical hybrid of V2O5 microspheres/graphene as an excellent cathode for lithium-ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2022, 26, 729-738.	2.5	8
2	Microstructures and Wear Resistance of Diamond-Reinforced FeCoCrNiAl0.5Ti0.5Si0.2-Carbonized High-Entropy Alloy Coatings by Laser Cladding. <i>Transactions of the Indian Institute of Metals</i> , 2022, 75, 1967-1978.	1.5	5
3	Effect of Vibration Frequency on Microstructure and Properties of Laser-Welded Inconel 718 Nickel-Base Superalloy. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 2399-2407.	2.5	11
4	Modeling of temperature distribution and clad geometry of the molten pool during laser cladding of TiAlSi alloys. <i>Optics and Laser Technology</i> , 2021, 142, 107277.	4.6	21
5	Modeling of thermal behavior and microstructure evolution during laser cladding of AlSi10Mg alloys. <i>Optics and Laser Technology</i> , 2020, 123, 105926.	4.6	50
6	Microstructure and tribological behavior of laser cladding TiAlSi composite coatings reinforced by alumina-titania ceramics on Ti-6Al-4V alloys. <i>Materials Chemistry and Physics</i> , 2020, 240, 122271.	4.0	18
7	A Study on the Microstructure and Fatigue Properties of Welding Joints in Vibration-Assisted Laser Welding Process. <i>Steel Research International</i> , 2020, 91, 1900548.	1.8	2
8	In-situ TiC reinforced CoCrCuFeNiSi0.2 high-entropy alloy coatings designed for enhanced wear performance by laser cladding. <i>Materials Chemistry and Physics</i> , 2020, 242, 122522.	4.0	73
9	Al2O3/TiO2-Ni-WC Composite Coatings Designed for Enhanced Wear Performance by Laser Cladding Under High-Frequency Micro-Vibration. <i>Jom</i> , 2020, 72, 4060-4068.	1.9	5
10	Microstructural evolution and wear behaviors of NbC-reinforced Ti-based composite coating. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 107, 2397-2407.	3.0	15
11	Research on Microstructure and Fatigue Properties of Vibration-Assisted 5052 Aluminum Alloy Laser Welded Joints. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 4197-4205.	2.5	3
12	Numerical Simulation of Thermal Evolution and Solidification Behavior of Laser Cladding AlSiTiNi Composite Coatings. <i>Coatings</i> , 2019, 9, 391.	2.6	22
13	Microstructure and tribological properties of laser clad TiAlSi composite coatings reinforced by yttria-stabilized zirconia. <i>Materials Research Express</i> , 2019, 6, 116410.	1.6	4
14	Effects of laser processing parameters on microstructure and mechanical properties of additively manufactured AlSi10Mg alloys reinforced by TiC. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 3235-3246.	3.0	21
15	Effect of high-frequency micro-vibration on microstructure and properties of laser cladding aluminum coatings. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 1633-1642.	3.0	8
16	Effect of WC addition on microstructure and tribological properties of bimodal aluminum composite coatings fabricated by laser surface alloying. <i>Materials Chemistry and Physics</i> , 2019, 234, 9-15.	4.0	20
17	Microstructure and properties of laser-clad bimodal composite coatings derived by composition design. <i>Journal of Alloys and Compounds</i> , 2018, 745, 483-489.	5.5	16
18	Effect of Si content on the microstructure and properties of Al-Si alloys fabricated using hot extrusion. <i>Journal of Materials Research</i> , 2017, 32, 2210-2217.	2.6	39

#	ARTICLE	IF	CITATIONS
19	Effect of Al <sub>2</sub> O <sub>3</sub> Nanoparticles as Reinforcement on the Tensile Behavior of Al-12Si Composites. <i>Metals</i> , 2017, 7, 359.	2.3	39
20	Laser remelting of plasma-sprayed conventional and nanostructured Al <sub>2</sub> O <sub>3</sub> -13wt.%TiO <sub>2</sub> coatings on titanium alloy. <i>Journal of Alloys and Compounds</i> , 2010, 506, 356-363.	5.5	44