

Jun Li

List of Publications by Year in descending order

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47
papers

1,509
citations

279798

23
h-index

330143

37
g-index

47
all docs

47
docs citations

47
times ranked

1180
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution in electrochemical performance of the solid blend polymer electrolyte (PEO/PVDF) with the content of ZnO nanofiller. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127773.	4.7	21
2	Evolution in Wear and High-Temperature Oxidation Resistance of Laser-Clad AlxMoNbTa Refractory High-Entropy Alloys Coatings with Al Addition Content. <i>Coatings</i> , 2022, 12, 121.	2.6	15
3	Investigation into the Corrosion Wear Resistance of CoCrFeNiAlx Laser-Clad Coatings Mixed with the Substrate. <i>Metals</i> , 2022, 12, 460.	2.3	5
4	Investigation into Microstructure, Wear Resistance in Air and NaCl Solution of AlCrCoNiFeCTax High-Entropy Alloy Coatings Fabricated by Laser Cladding. <i>Coatings</i> , 2021, 11, 358.	2.6	7
5	Synthesis and electrochemical performance of hollow-structured NiO@Ni nanofibers wrapped by graphene as anodes for Li-ion batteries. <i>Nanotechnology</i> , 2021, 32, 335603.	2.6	5
6	Wear and high-temperature oxidation resistances of AlNbTaZrx high-entropy alloys coatings fabricated on Ti6Al4V by laser cladding. <i>Journal of Alloys and Compounds</i> , 2021, 862, 158405.	5.5	59
7	Synthesis of Ni-MOF derived NiO/rGO composites as novel electrode materials for high performance supercapacitors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 622, 126653.	4.7	29
8	Fabrication of Mesoporous Graphene@Ag@TiO ₂ Composite Nanofibers Via Electrospinning as Anode Materials for High-Performance Li-Ion Batteries. <i>Nano</i> , 2021, 16, .	1.0	0
9	Microstructure and wear behaviors of TiB/TiC reinforced Ti ₂ Ni/±(Ti) matrix coating produced by laser cladding. <i>Rare Metals</i> , 2020, 39, 304-315.	7.1	16
10	Corrosion behavior of laser-clad coatings fabricated on Ti6Al4V with different contents of TaC addition. <i>Rare Metals</i> , 2020, 39, 436-447.	7.1	16
11	Synthesis of porous Co ₃ O ₄ /Reduced graphene oxide by a two-step method for supercapacitors with excellent electrochemical performance. <i>Journal of Alloys and Compounds</i> , 2020, 815, 152373.	5.5	34
12	Evolution in microstructure and high-temperature oxidation behaviors of the laser-cladding coatings with the Si addition contents. <i>Journal of Alloys and Compounds</i> , 2020, 827, 154131.	5.5	25
13	Investigation into corrosion and wear behaviors of laser-clad coatings on Ti6Al4V. <i>Materials Research Express</i> , 2020, 7, 016587.	1.6	9
14	Investigation into electrochemical performance of NiO/graphene composite nanofibers synthesized by a simple method as anode materials for high-performance lithium ion batteries. <i>Materials Research Express</i> , 2020, 7, 115007.	1.6	9
15	Synthesis of One-Dimensional Mesoporous Ag Nanoparticles-Modified TiO ₂ Nanofibers by Electrospinning for Lithium Ion Batteries. <i>Materials</i> , 2019, 12, 2630.	2.9	13
16	Modified criterions for phase prediction in the multi-component laser-clad coatings and investigations into microstructural evolution/wear resistance of FeCrCoNiAlMox laser-clad coatings. <i>Applied Surface Science</i> , 2019, 465, 700-714.	6.1	101
17	Nucleation and Growth of Porous MnO ₂ Coatings Prepared on Nickel Foam and Evaluation of Their Electrochemical Performance. <i>Materials</i> , 2018, 11, 716.	2.9	8
18	Synthesis of Honeycomb-Like Co ₂ F ₂ O ₈ , Nanosheets with Excellent Supercapacitive Performance by Morphological Controlling Derived from the Alkaline Source Ratio. <i>Materials</i> , 2018, 11, .	2.9	0

#	ARTICLE	IF	CITATIONS
19	Synthesis of Honeycomb-Like Co ₃ O ₄ Nanosheets with Excellent Supercapacitive Performance by Morphological Controlling Derived from the Alkaline Source Ratio. <i>Materials</i> , 2018, 11, 1560.	2.9	7
20	Wear analysis of the composite coating in a long sliding time by dissipated energy approach. <i>Science and Engineering of Composite Materials</i> , 2017, 24, 853-864.	1.4	5
21	Corrosion behaviors of TiNi/Ti ₂ Ni matrix coatings in the environment rich in Cl ions. <i>Surface and Coatings Technology</i> , 2017, 311, 295-306.	4.8	24
22	High-temperature wear and oxidation behaviors of TiNi/Ti ₂ Ni matrix composite coatings with TaC addition prepared on Ti6Al4V by laser cladding. <i>Applied Surface Science</i> , 2017, 402, 478-494.	6.1	83
23	Effect of heat treatment on residual stress and wear behaviors of the TiNi/Ti ₂ Ni based laser cladding composite coatings. <i>Optics and Laser Technology</i> , 2017, 97, 379-389.	4.6	39
24	Residual stress distribution in different depths of TiNi/Ti ₂ Ni-based laser clad coating prepared at different environmental temperatures. <i>Transactions of Nonferrous Metals Society of China</i> , 2017, 27, 2043-2054.	4.2	21
25	Nucleation/Growth Mechanisms and Morphological Evolution of Porous MnO ₂ Coating Deposited on Graphite for Supercapacitor. <i>Materials</i> , 2017, 10, 1205.	2.9	33
26	Porous Graphene Oxide Prepared on Nickel Foam by Electrophoretic Deposition and Thermal Reduction as High-Performance Supercapacitor Electrodes. <i>Materials</i> , 2017, 10, 936.	2.9	43
27	Electrophoretic deposition of graphene oxide on continuous carbon fibers for reinforcement of both tensile and interfacial strength. <i>Composites Science and Technology</i> , 2016, 135, 46-53.	7.8	121
28	Oxidation behaviors of the TiNi/Ti ₂ Ni matrix composite coatings with different contents of TaC addition fabricated on Ti6Al4V by laser cladding. <i>Journal of Alloys and Compounds</i> , 2016, 679, 202-212.	5.5	26
29	Effect of the content of B ₄ C on microstructural evolution and wear behaviors of the laser-clad coatings fabricated on Ti6Al4V. <i>Optics and Laser Technology</i> , 2016, 76, 33-45.	4.6	78
30	Effects of the thickness of the pre-placed layer on microstructural evolution and mechanical properties of the laser-clad coatings. <i>Journal of Alloys and Compounds</i> , 2015, 644, 450-463.	5.5	46
31	Microstructural evolution and wear behaviors of laser cladding Ti ₂ Ni/±(Ti) dual-phase coating reinforced by TiB and TiC. <i>Applied Surface Science</i> , 2015, 355, 298-309.	6.1	49
32	Effect of NiCrBSi content on microstructural evolution, cracking susceptibility and wear behaviors of laser cladding WC/NiCrBSi composite coatings. <i>Journal of Alloys and Compounds</i> , 2015, 626, 102-111.	5.5	104
33	Effects of post-heat treatment on microstructure and properties of laser clad composite coatings on titanium alloy substrate. <i>Optics and Laser Technology</i> , 2015, 65, 66-75.	4.6	58
34	Effect of Y ₂ O ₃ on cracking susceptibility of laser-clad Ti-based composite coatings. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014, 29, 1011-1018.	1.0	4
35	Effects of high temperature treatment on microstructure and mechanical properties of laser-clad NiCrBSi/WC coatings on titanium alloy substrate. <i>Materials Characterization</i> , 2014, 98, 83-92.	4.4	55
36	Electrochemically reduced graphene oxide with porous structure as a binder-free electrode for high-rate supercapacitors. <i>RSC Advances</i> , 2014, 4, 13673.	3.6	48

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37	Microstructure and mechanical properties of Ni-based composite coatings reinforced by in situ synthesized TiB ₂ + TiC by laser cladding. International Journal of Minerals, Metallurgy and Materials, 2013, 20, 57-64.	4.9	42
38	Microstructure and mechanical properties of an in situ synthesized TiB and TiC reinforced titanium matrix composite coating. Journal Wuhan University of Technology, Materials Science Edition, 2012, 27, 1-8.	1.0	24
39	Effect of yttrium on microstructure and mechanical properties of laser clad coatings reinforced by in situ synthesized TiB and TiC. Journal of Rare Earths, 2011, 29, 477-483.	4.8	35
40	Wear behaviors of an (TiB+TiC)/Ti composite coating fabricated on Ti6Al4V by laser cladding. Thin Solid Films, 2011, 519, 4804-4808.	1.8	69
41	Corrosion behaviors of a new titanium alloy TZNT for surgical implant application in Ringer's solution. Rare Metals, 2010, 29, 37-44.	7.1	10
42	Microstructural characterization of titanium matrix composite coatings reinforced by in situ synthesized TiB + TiC fabricated on Ti6Al4V by laser cladding. Rare Metals, 2010, 29, 465-472.	7.1	34
43	Microstructures and mechanical properties of a new titanium alloy for surgical implant application. International Journal of Minerals, Metallurgy and Materials, 2010, 17, 185-191.	4.9	8
44	Microstructural evolution of titanium matrix composite coatings reinforced by in situ synthesized TiB and TiC by laser cladding. International Journal of Minerals, Metallurgy and Materials, 2010, 17, 481-488.	4.9	15
45	Surface modification of TC4 Ti alloy by laser cladding with TiC+Ti powders. Transactions of Nonferrous Metals Society of China, 2010, 20, 2192-2197.	4.2	35
46	Microstructure and properties of in situ synthesized TiB ₂ +WC reinforced composite coatings. Rare Metals, 2008, 27, 451-456.	7.1	7
47	Preparation of the TiB ₂ coatings by electroplating in molten salts. Materials Letters, 2007, 61, 1274-1278.	2.6	14