

Yawei Peng

List of Publications by Year in descending order

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18
papers

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1307594

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996975

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all docs

18
docs citations

18
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of plastic pre-strain on low-temperature surface carburization of AISI 304 austenitic stainless steel. <i>Surface and Coatings Technology</i> , 2016, 304, 16-22.	4.8	44
2	Effect of low-temperature surface carburization on stress corrosion cracking of AISI 304 austenitic stainless steel. <i>Surface and Coatings Technology</i> , 2017, 328, 420-427.	4.8	37
3	Effect of low-temperature surface hardening by carburization on the fatigue behavior of AISI 316L austenitic stainless steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 769, 138524.	5.6	32
4	Surface modification of CoCrFeNi high entropy alloy by low-temperature gaseous carburization. <i>Materials Letters</i> , 2021, 283, 128896.	2.6	22
5	Experimental and numerical analysis of residual stress in carbon-stabilized expanded austenite. <i>Scripta Materialia</i> , 2018, 157, 106-109.	5.2	21
6	Mechanical properties of low-temperature gaseous carburized layer in 316L stainless steel based on nano-indentation and four-point bending tests. <i>Surface and Coatings Technology</i> , 2020, 387, 125501.	4.8	12
7	Mechanical properties and cracking behavior of low-temperature gaseous carburized austenitic stainless steel. <i>Surface and Coatings Technology</i> , 2020, 403, 126343.	4.8	10
8	Effect of surface nanocrystallization on low-temperature gas carburization for AISI 316L austenitic stainless steel. <i>International Journal of Pressure Vessels and Piping</i> , 2020, 182, 104053.	2.6	8
9	Numerical Analysis of Stress Gradient and Traps Effects on Carbon Diffusion in AISI 316L during Low Temperature Gas Phase Carburization. <i>Metals</i> , 2018, 8, 214.	2.3	6
10	On the fatigue behavior of low-temperature gaseous carburized 316L austenitic stainless steel: Experimental analysis and predictive approach. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 793, 139651.	5.6	6
11	Redistribution of carbon and residual stress in low-temperature gaseous carburized austenitic stainless steel during thermal and mechanical loading. <i>Surface and Coatings Technology</i> , 2021, 426, 127809.	4.8	6
12	Exploration on the fatigue behavior of low-temperature carburized 316L austenitic stainless steel at elevated temperature. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 850, 143562.	5.6	5
13	Residual stress relaxation in the carburized case of austenitic stainless steel under alternating loading. <i>International Journal of Fatigue</i> , 2022, 159, 106837.	5.7	4
14	Deformation response of gradient low-temperature gaseous carburized case in austenitic stainless steel during cyclic nanoindentation. <i>Materials Today Communications</i> , 2021, 28, 102714.	1.9	3
15	Notch fatigue behaviour of low-temperature gaseous carburised 316L austenitic stainless steel. <i>Materials Science and Technology</i> , 2020, 36, 1076-1082.	1.6	1
16	Stability of low-temperature-gaseous-carburization layer in AISI316L stainless steel at high temperature. <i>Surfaces and Interfaces</i> , 2021, 23, 100898.	3.0	1
17	Numerical simulation of residual stress in low temperature colossal carburised layer on austenitic stainless steel. <i>International Journal of Computational Materials Science and Surface Engineering</i> , 2018, 7, 231.	0.2	0
18	The Effect of Surface Self-Nanocrystallization on Low-Temperature Gas Carburization for AISI 316L Steel. <i>Key Engineering Materials</i> , 2019, 795, 137-144.	0.4	0