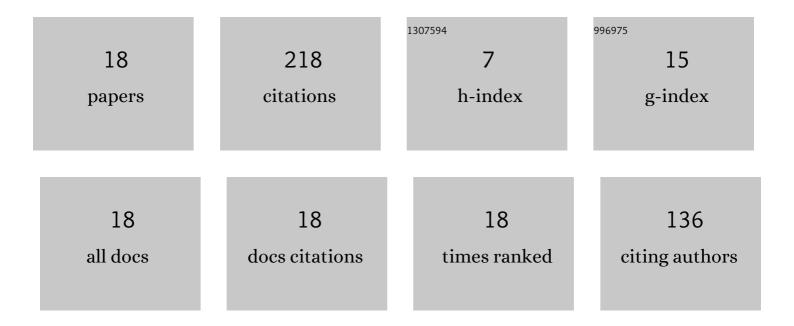
Yawei Peng

List of Publications by Year in descending order

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