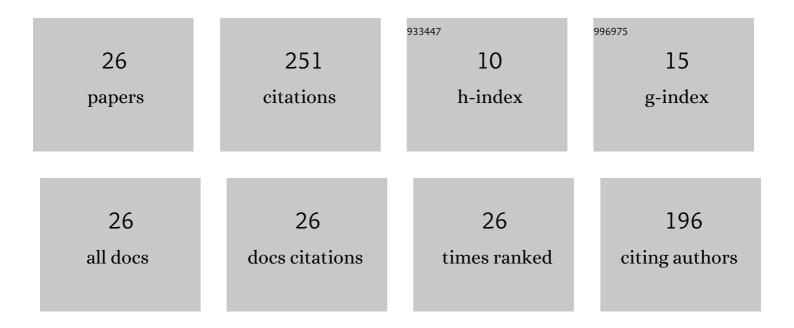
## Yun-Li Feng

List of Publications by Year in descending order

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YUN-LI FENC

#	Article	IF	CITATIONS
1	Tensile Properties and Microstructure Evolutions of Low-Density Duplex Fe–12Mn–7Al–0.2C–0.6Si Steel. Materials, 2022, 15, 2498.	2.9	3
2	Insight into Point Defects and Complex Defects in β-Mo2C and Carbide Evolution from First Principles. Materials, 2022, 15, 4719.	2.9	0
3	Effect of Annealing Time on Microstructure Stability and Mechanical Behavior of Ferrite-Cementite Steel with Multiscale Lamellar Structure. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2021, 52, 1023-1033.	2.1	6
4	Strengthening and strain hardening mechanisms of a plain medium carbon steel by multiscale lamellar structures. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 827, 142091.	5.6	13
5	Effect of Holding Time of Decarbonization Annealing on Recrystallization in Fe-3.2%Si-0.047Nb% Low-Temperature Oriented Silicon Steel. Crystals, 2021, 11, 1209.	2.2	1
6	Construction of a machine-learning-based prediction model for mechanical properties of ultra-fine-grained Fe–C alloy. Journal of Materials Research and Technology, 2021, 15, 4914-4930.	5.8	13
7	Effect of Slab Reheating Temperature on Cold Rolling Texture Evolution of Nb-Containing Grain-Oriented Silicon Steel. Crystals, 2021, 11, 1478.	2.2	2
8	Microstructure Evolution and Mechanical Properties of Medium Carbon Martensitic Steel during Warm Rolling and Annealing Process. Materials, 2021, 14, 6900.	2.9	1
9	Tension–Compression Yield Asymmetry Influenced by the Variable Deformation Modes in Gradient Structure Mg Alloys. Acta Metallurgica Sinica (English Letters), 2020, 33, 252-266.	2.9	7
10	Intrinsic defects, Moâ€related defects, and complexes in transitionâ€metal carbide VC: A firstâ€principles study. Journal of the American Ceramic Society, 2020, 103, 7226-7239.	3.8	5
11	Nanoscratching and mechanical behaviors of high-entropy alloys with different phase constituents. Journal of Iron and Steel Research International, 2019, 26, 1240-1248.	2.8	4
12	Microstructure evolution and micro-mechanical behavior of secondary carbides at grain boundary in a Fe–Cr–W–Mo–V–C alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 715, 359-369.	5.6	23
13	Strain hardening and tensile behaviors of gradient structure Mg alloys with different orientation relationships. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 735, 275-287.	5.6	23
14	Deformation resistance of Fe–Mn–V–N alloy under different deformation processes. Rare Metals, 2017, 36, 833-839.	7.1	5
15	Effect of Nb on solution and precipitation of inhibitors in grain-oriented silicon steel. Journal of Magnetism and Magnetic Materials, 2017, 426, 89-94.	2.3	18
16	Stabilized uniform deformation in a high-strength ferrite-cementite steel with multiscale lamellar structure. Materials and Design, 2017, 120, 280-290.	7.0	18
17	Dependence of tensile properties on microstructural features of bimodal-sized ferrite/cementite steels. Journal of Iron and Steel Research International, 2017, 24, 67-76.	2.8	6
18	Effect of slab reheating temperature on recrystallization microstructure, texture and magnetic properties of Nb-containing grain-oriented silicon steel. Journal of Magnetism and Magnetic Materials, 2017, 439, 135-143.	2.3	25

Yun-Li Feng

#	Article	IF	CITATIONS
19	Crystallographic characterizations of eutectic and secondary carbides in a Fe-12Cr-2.5Mo-1.5W-3V-1.25C alloy. Metals and Materials International, 2017, 23, 313-319.	3.4	13
20	Constitutive Model of Warm Deformation Behavior of Medium Carbon Steel. Journal of Iron and Steel Research International, 2016, 23, 940-948.	2.8	9
21	Investigation of microstructural damage to eutectic carbides from scratch tests of a heat-treated Fe–Cr–W–Mo–V–C alloy. Wear, 2016, 358-359, 137-147.	3.1	10
22	An Improved Arrhenius Constitutive Model and Three-Dimensional Processing Map of a Solution-Treated Ni-Based Superalloy. High Temperature Materials and Processes, 2016, 35, 55-64.	1.4	5
23	Effect of normalizing cooling process on microstructure and precipitates in low-temperature silicon steel. Transactions of Nonferrous Metals Society of China, 2014, 24, 770-776.	4.2	9
24	Microstructure transformation of X70 pipeline steel welding heat-affected zone. Rare Metals, 2014, 33, 493-498.	7.1	18
25	Balanced solubility product and enthalpies of formation of Nb compounds in 0.09Â% oriented silicon steel. Rare Metals, 2013, 32, 318-322.	7.1	7
26	STUDY ON MICROSTRUCTURE AND PRECIPITATESAT DIFFERENT NORMALIZING IN Fe-3 SI LOWTEMPERATURE ORIENTED SILICON STEEL. Jinshu Xuebao/Acta Metallurgica Sinica, 2013, 49, 562.	0.3	7

3