Yuxuan Song

List of Publications by Year
in descending order

15	200	1040056 9	1125743 13
papers	citations	h-index	g-index

15	15	15	100
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoindentation size effect on stochastic behavior of incipient plasticity in a LiTaO3 single crystal. Engineering Fracture Mechanics, 2020, 226, 106877.	4.3	40
2	Nanoindentation investigation on the creep behavior of P92 steel weld joint after creep-fatigue loading. International Journal of Fatigue, 2020, 134, 105506.	5.7	33
3	The effects of tensile and compressive dwells on creep-fatigue behavior and fracture mechanism in welded joint of P92 steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 813, 141129.	5.6	26
4	Nanoindentation creep behavior of RPVâ€™s weld joint at room temperature. Mechanics of Time-Dependent Materials, 2020, 24, 253-263.	4.4	17
5	Room-Temperature Creep Behavior and Activation Volume of Dislocation Nucleation in a LiTaO3 Single Crystal by Nanoindentation. Materials, 2019, 12, 1683.	2.9	15
6	On the microstructural evolution and roomâ€temperature creep behaviour of 9%Cr steel weld joint under prior creepâ€“fatigue interaction. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 444-460.	3.4	13
7	Testing Effects on Shear Transformation Zone Size of Metallic Glassy Films Under Nanoindentation. Micromachines, 2018, 9, 636.	2.9	10
8	Understanding the relation between creep-fatigue fracture mechanisms and intergranular dislocation accommodation of a high chromium steel using nanoindentation characterization. International Journal of Fatigue, 2022, 159, 106796.	5.7	10
9	Orientation-Independent Yield Stress and Activation Volume of Dislocation Nucleation in LiTaO3 Single Crystal by Nanoindentation. Materials, 2019, 12, 2799.	2.9	9
10	The effects of prior creepâ€“fatigue on the strain rate sensitivity of a P92 welded joint. Journal of Materials Science, 2021, 56, 7111-7128.	3.7	9
11	Nanoindentation characterization on the temperature-dependent fracture mechanism of Chinese 316H austenitic stainless steel under creep-fatigue interaction. Materials Characterization, 2022, 186, 111806.	4.4	7
12	Probing strain rate effect on the creepâ€“fatigue fracture mechanism of 9%Cr steelâ€welded joint via nanoindentation characterization. Fatigue and Fracture of Engineering Materials and Structures, 0, , .	3.4	4
13	Nanoindentation Characterization of Creep-fatigue Interaction on Local Creep Behavior of P92 Steel Welded Joint. Chinese Journal of Mechanical Engineering (English Edition), 2021, 34, .	3.7	4
14	Revealing Nanoindentation Size-Dependent Creep Behavior in a La-Based Metallic Glassy Film. Nanomaterials, 2019, 9, 1712.	4.1	3
15	The Investigation of the Fracture Behavior of a Chinese 9% Cr Steel Welded Joint under Creep-Fatigue Interactive Loading. Applied Sciences (Switzerland), 2021, 11, 9983.	2.5	0