

# Yuxuan Song

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9585174/publications.pdf>

Version: 2024-02-01

15  
papers

200  
citations

1040056

9  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

100  
citing authors

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