

Xiangxi Ye

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3022225/publications.pdf>

Version: 2024-02-01

30
papers

500
citations

840776

11
h-index

677142

22
g-index

30
all docs

30
docs citations

30
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Zr addition on the microstructure and intermediate-temperature mechanical performance of a Ni-26W-6Cr based superalloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 833, 142517.	5.6	8
2	High-temperature corrosion behavior of Inconel 617 with Ni-claddings in molten FLiNaK salt. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2022, 73, 486-496.	1.5	2
3	Microstructure and hardness evolution of ERNiCrMo-3 deposited metal during aging at 750 °C. <i>Journal of Materials Science</i> , 2022, 57, 9415-9426.	3.7	2
4	Effect of Isothermal Aging on Microstructure Evolution of Ni Claddings on Inconel 617. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 2389-2398.	2.5	5
5	Intermediate-Temperature Heat Treatment of UNS N10003 Alloy during Cold Working. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 2355-2364.	2.5	1
6	An approach to improve the oxidation resistance of a Ni-28W-6Cr alloy by hindering the oxygen vacancy-mediated oxidation. <i>Corrosion Science</i> , 2021, 187, 109480.	6.6	7
7	Fine structure characterization of an explosively-welded GH3535/316H bimetallic plate interface. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2021, 28, 1811-1820.	4.9	2
8	Absorption effect of pure nickel on the corrosion behaviors of the GH3535 alloy in tellurium vapor. <i>Nuclear Science and Techniques/Hewuli</i> , 2021, 32, 1.	3.4	10
9	Synchrotron radiation-based materials characterization techniques shed light on molten salt reactor alloys. <i>Nuclear Science and Techniques/Hewuli</i> , 2020, 31, 1.	3.4	18
10	Corrosion behavior of a wear resistant Co-Mo-Cr-Si alloy in molten fluoride salts. <i>Journal of Nuclear Materials</i> , 2020, 542, 152529.	2.7	12
11	Unexpected effect of hydroxyl radical on tellurium corrosion of the Ni-Mo-Cr-Nb based alloy. <i>Corrosion Science</i> , 2020, 173, 108748.	6.6	6
12	Microstructure evolution and mechanical properties of simulated HAZ in a Ni-17Mo-7Cr superalloy: effects of the welding thermal cycles. <i>Journal of Materials Science</i> , 2020, 55, 13372-13388.	3.7	5
13	Grain-boundary corrosion of nickel-based alloy by synchrotron radiation technology. <i>Surface Innovations</i> , 2019, 7, 278-283.	2.3	3
14	On the possibility of severe corrosion of a Ni-W-Cr alloy in fluoride molten salts at high temperature. <i>Corrosion Science</i> , 2019, 149, 218-225.	6.6	42
15	Effect of Surface Decarburization on Corrosion Behavior of GH3535 Alloy in Molten Fluoride Salts. <i>Acta Metallurgica Sinica (English Letters)</i> , 2019, 32, 401-412.	2.9	4
16	Microstructure and Its Influence on the Mechanical Properties of Ni-28W-6Cr-Based Alloy-Welded Joints by GTAW. <i>Acta Metallurgica Sinica (English Letters)</i> , 2019, 32, 1032-1040.	2.9	3
17	Influence of grain size on tellurium corrosion behaviors of GH3535 alloy. <i>Corrosion Science</i> , 2019, 148, 110-122.	6.6	29
18	Effects of tungsten content on the high-temperature oxidation behavior of Ni-xW-6Cr alloys. <i>Corrosion Science</i> , 2019, 149, 87-99.	6.6	22

#	ARTICLE	IF	CITATIONS
19	Welding solidification cracking susceptibility and behavior of a Ni-28W-6Cr alloy. Journal of Materials Science and Technology, 2019, 35, 29-35.	10.7	21
20	Influence of graphite-alloy interactions on corrosion of Ni-Mo-Cr alloy in molten fluorides. Journal of Nuclear Materials, 2018, 503, 116-123.	2.7	39
21	Corrosion of Incoloy 800H alloys with nickel cladding in FLiNaK salts at 850°C. Corrosion Science, 2018, 133, 349-357.	6.6	50
22	Theoretical study of fluorine-induced surface segregation of Cr in non-passivated Ni-based alloys. Journal of Applied Physics, 2018, 124, .	2.5	8
23	Formation of nano-sized M ₂ C carbides in Si-free GH3535 alloy. Scientific Reports, 2018, 8, 8158.	3.3	10
24	Effect of Cr contents on the diffusion behavior of Te in Ni-based alloy. Journal of Nuclear Materials, 2017, 497, 101-106.	2.7	25
25	Carbides Evolution in a Ni-16Mo-7Cr Base Superalloy during Long-Term Thermal Exposure. Materials, 2017, 10, 521.	2.9	10
26	Theoretical study of the substitutional solute effect on the interstitial carbon in nickel-based alloy. RSC Advances, 2017, 7, 20567-20573.	3.6	8
27	The Key Role of Ball Milling Time in the Microstructure and Mechanical Property of Ni-TiCNP Composites. Journal of Materials Engineering and Performance, 2016, 25, 5280-5288.	2.5	3
28	The Effect of Grain Size and Dislocation Density on the Tensile Properties of Ni-SiCNP Composites During Annealing. Journal of Materials Engineering and Performance, 2016, 25, 726-733.	2.5	15
29	Effect of tungsten content on the microstructure and tensile properties of Ni-W-Cr alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 655, 269-276.	5.6	29
30	The high-temperature corrosion of Hastelloy N alloy (UNS N10003) in molten fluoride salts analysed by STXM, XAS, XRD, SEM, EPMA, TEM/EDS. Corrosion Science, 2016, 106, 249-259.	6.6	101