Lichen Tang

List of Publications by Year
in descending order

15	337	933447 10	1058476 14
papers	citations	h-index	g-index

15	15	15	101
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of sliding amplitude and normal load on the fretting wear behavior of alloy 690 tube exposed to high temperature water. Tribology International, 2017, 116, 155-163.	5.9	71
2	Effect of temperature on fretting wear behavior and mechanism of alloy 690 in water. Nuclear Engineering and Design, 2018, 327, 51-60.	1.7	53
3	Progress in studying the fretting wear/corrosion of nuclear steam generator tubes. Annals of Nuclear Energy, 2020, 144, 107556.	1.8	36
4	Fretting wear of alloy 690 tube mated with different materials in high temperature water. Wear, 2018, 400-401, 119-126.	3.1	30
5	Time-dependent wear behavior of alloy 690 tubes fretted against 405 stainless steel in high-temperature argon and water. Wear, 2018, 414-415, 194-201.	3.1	27
6	Effect of the frequency on fretting corrosion behavior between Alloy 690TT tube and 405 stainless steel plate in high temperature pressurized water. Tribology International, 2021, 164, 107229.	5.9	27
7	Fretting corrosion fatigue of Alloy 690 in high-temperature pure water. Corrosion Science, 2018, 133, 423-431.	6.6	24
8	A multilayer nodes update method in FEM simulation of large depth fretting wear. Wear, 2013, 301, 483-490.	3.1	19
9	Fretting fatigue tests and crack initiation analysis on zircaloy tube specimens. International Journal of Fatigue, 2014, 63, 154-161.	5.7	15
10	Effects of normal load on fretting corrosion fatigue of Alloy 690 in 285â€Â°C pure water. Corrosion Science, 2018, 141, 158-167.	6.6	14
11	Role of welding residual strain and ductility dip cracking on corrosion fatigue behavior of Alloy 52/52M dissimilar metal weld in borated and lithiated high-temperature water. Journal of Materials Science and Technology, 2020, 42, 163-174.	10.7	10
12	Effects of welding columnar grain orientation and strain rate on corrosion fatigue behavior of Alloy 52/52M weld metal in high-temperature water. Corrosion Science, 2021, 180, 109196.	6.6	5
13	A heat transfer tube wear reliability analysis method based on first-order reliability method. Journal of Computational Design and Engineering, 2020, 7, 803-815.	3.1	3
14	The Effect of Clamping Force on the Wear Behavior of a Steam Generator Tube. Applied Sciences (Switzerland), 2022, 12, 2163.	2.5	2
15	Numerical Simulation of Fretting Wear of Heat-Transfer Tubes in Steam Generator Under Random Excitation Forces. , 2016, , .		1