

Alan Durif

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

116
citations

1478505

6
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	Competition between recovery and recrystallization in two tungsten supplies according to ITER specifications. <i>Journal of Materials Science</i> , 2022, 57, 7729-7746.	3.7	4
2	T-REX: numerical tool for tungsten damage assessment for DEMO. <i>Journal of Nuclear Materials</i> , 2022, , 153906.	2.7	1
3	Numerical study of the influence of tungsten recrystallization on the divertor component lifetime. <i>International Journal of Fracture</i> , 2021, 230, 83.	2.2	3
4	Grain growth and damages induced by transient heat loads on W. <i>Physica Scripta</i> , 2021, 96, 124032.	2.5	2
5	An Attempt to Assess Recovery/Recrystallization Kinetics in Tungsten at High Temperature Using Statistical Nanoindentation Analysis. <i>Crystals</i> , 2021, 11, 37.	2.2	7
6	Sustained W-melting experiments on actively cooled ITER-like plasma facing unit in WEST. <i>Physica Scripta</i> , 2021, 96, 124057.	2.5	19
7	Recrystallization at high temperature of two tungsten materials complying with the ITER specifications. <i>Journal of Nuclear Materials</i> , 2020, 542, 152418.	2.7	25
8	A high power laser facility to conduct annealing tests at high temperature. <i>Review of Scientific Instruments</i> , 2020, 91, 035102.	1.3	15
9	Inverse identification of tungsten static recrystallization kinetics under high thermal flux. <i>Fusion Engineering and Design</i> , 2019, 146, 1759-1763.	1.9	7
10	Impact of tungsten recrystallization on ITER-like components for lifetime estimation. <i>Fusion Engineering and Design</i> , 2019, 138, 247-253.	1.9	30
11	Leading edge cracking observed in WEST. <i>Physica Scripta</i> , 0, , .	2.5	3