

Alan Durif

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

116
citations

1478505

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h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

85
citing authors

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