

Javier Alguacil

List of Publications by Year in descending order

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papers

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12
docs citations

12
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91
citing authors

#	ARTICLE	IF	CITATIONS
1	D1SUNED system for the determination of decay photon related quantities. Fusion Engineering and Design, 2020, 151, 111399.	1.9	42
2	A full and heterogeneous model of the ITER tokamak for comprehensive nuclear analyses. Nature Energy, 2021, 6, 150-157.	39.5	34
3	Integral modelling of the ITER cooling water systems radiation source for applications outside of the Bio-shield. Fusion Engineering and Design, 2021, 171, 112575.	1.9	10
4	Development of radiation sources for nuclear analysis beyond ITER bio-shield: SRC-UNED code. Computer Physics Communications, 2022, 275, 108309.	7.5	8
5	Update in the nuclear responses of the European TBMs for ITER during operation and shutdown. Fusion Engineering and Design, 2018, 134, 92-96.	1.9	6
6	Nuclear data for D1SUNED for the study of ITER planned in-situ maintenance dose scenarios. Fusion Engineering and Design, 2021, 170, 112646.	1.9	6
7	Assessment and optimization of MCNP memory management for detailed geometry of nuclear fusion facilities. Fusion Engineering and Design, 2018, 136, 386-389.	1.9	5
8	Uncertainty propagation from neutron flux to decay gamma source in R2S methodology. Fusion Engineering and Design, 2019, 146, 1100-1103.	1.9	4
9	Development of a methodology to estimate the statistical SDR uncertainty with R2S-UNED. Fusion Engineering and Design, 2021, 168, 112696.	1.9	4
10	Shutdown dose rate assessment of the interspace components of wide angle viewing system diagnostic for ITER. Fusion Engineering and Design, 2021, 172, 112916.	1.9	2
11	Analysis of discrepancies between D1S and R2S results of 2016 DD JET Campaign. Nuclear Fusion, 2022, 62, 096015.	3.5	2
12	A method for assessing 3D decay heat and temperature considering accurate distributions of the decay gamma fields. Fusion Engineering and Design, 2021, 168, 112610.	1.9	0