

# Javier Alguacil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5106785/publications.pdf>

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1478505

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docs citations

12  
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91  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of radiation sources for nuclear analysis beyond ITER bio-shield: SRC-UNED code. Computer Physics Communications, 2022, 275, 108309.	7.5	8
2	Analysis of discrepancies between D1S and R2S results of 2016 DD JET Campaign. Nuclear Fusion, 2022, 62, 096015.	3.5	2
3	A full and heterogeneous model of the ITER tokamak for comprehensive nuclear analyses. Nature Energy, 2021, 6, 150-157.	39.5	34
4	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
5	Development of a methodology to estimate the statistical SDR uncertainty with R2S-UNED. Fusion Engineering and Design, 2021, 168, 112696.	1.9	4
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	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
8	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
9	D1SUNED system for the determination of decay photon related quantities. Fusion Engineering and Design, 2020, 151, 111399.	1.9	42
10	Uncertainty propagation from neutron flux to decay gamma source in R2S methodology. Fusion Engineering and Design, 2019, 146, 1100-1103.	1.9	4
11	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
12	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