

Ilenia Catanzaro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8357992/publications.pdf>

Version: 2024-02-01

11
papers

146
citations

1478505

6
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	The DEMO Water-Cooled Lead-Lithium Breeding Blanket: Design Status at the End of the Pre-Conceptual Design Phase. Applied Sciences (Switzerland), 2021, 11, 11592.	2.5	54
2	Nuclear performances of the water-cooled lithium lead DEMO reactor: Neutronic analysis on a fully heterogeneous model. Fusion Engineering and Design, 2021, 168, 112514.	1.9	20
3	On the effect of stiffening plates configuration on the DEMO Water Cooled Lithium Lead Breeding Blanket module thermo-mechanical behaviour. Fusion Engineering and Design, 2019, 146, 2247-2250.	1.9	18
4	Analysis of the Thermo-Mechanical Behaviour of the EU DEMO Water-Cooled Lithium Lead Central Outboard Blanket Segment under an Optimized Thermal Field. Applied Sciences (Switzerland), 2022, 12, 1356.	2.5	12
5	Conceptual design of the main Ancillary Systems of the ITER Water Cooled Lithium Lead Test Blanket System. Fusion Engineering and Design, 2021, 167, 112345.	1.9	11
6	Structural assessment of the EU-DEMO WCLL Central Outboard Blanket segment under normal and off-normal operating conditions. Fusion Engineering and Design, 2021, 167, 112350.	1.9	10
7	Parametric study of the influence of double-walled tubes layout on the DEMO WCLL breeding blanket thermal performances. Fusion Engineering and Design, 2020, 161, 111893.	1.9	6
8	Development and application of an alternative modelling approach for the thermo-mechanical analysis of a DEMO water-cooled lithium lead breeding blanket segment. Fusion Engineering and Design, 2022, 180, 113195.	1.9	6
9	Preliminary design of the top cap of DEMO Water-Cooled Lithium Lead breeding blanket segments. Fusion Engineering and Design, 2020, 161, 111884.	1.9	5
10	Thermo-Mechanical Analysis and Design Update of the Top Cap Region of the DEMO Water-Cooled Lithium Lead Central Outboard Blanket Segment. Applied Sciences (Switzerland), 2022, 12, 1564.	2.5	3
11	Structural assessment of a whole toroidal sector of the HELIAS 5-B breeding blanket. Fusion Engineering and Design, 2021, 169, 112618.	1.9	1