

Marica Eboli

List of Publications by Year in descending order

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26
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297
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in developing a feasible and integrated conceptual design of the WCLL BB in EUROfusion project. Fusion Engineering and Design, 2019, 146, 1805-1809.	1.9	126
2	WCLL breeding blanket design and integration for DEMO 2015: status and perspectives. Fusion Engineering and Design, 2017, 124, 682-686.	1.9	91
3	Advancements in DEMO WCLL breeding blanket design and integration. International Journal of Energy Research, 2018, 42, 27-52.	4.5	77
4	Recent Progress in the WCLL Breeding Blanket Design for the DEMO Fusion Reactor. IEEE Transactions on Plasma Science, 2018, 46, 1446-1457.	1.3	49
5	Status of maturation of critical technologies and systems design: Breeding blanket. Fusion Engineering and Design, 2022, 179, 113116.	1.9	44
6	Experimental activities for in-box LOCA of WCLL BB in LIFUS5/Mod3 facility. Fusion Engineering and Design, 2019, 146, 914-919.	1.9	26
7	Overview on Lead-Cooled Fast Reactor Design and Related Technologies Development in ENEA. Energies, 2021, 14, 5157.	3.1	25
8	Implementation of the chemical PbLi/water reaction in the SIMMER code. Fusion Engineering and Design, 2016, 109-111, 468-473.	1.9	24
9	Status of Pb-16Li technologies for European DEMO fusion reactor. Fusion Engineering and Design, 2019, 146, 2676-2681.	1.9	21
10	Test Series D experimental results for SIMMER code validation of WCLL BB in-box LOCA in LIFUS5/Mod3 facility. Fusion Engineering and Design, 2020, 156, 111582.	1.9	18
11	Simulation study of pressure trends in the case of loss of coolant accident in Water Cooled Lithium Lead blanket module. Fusion Engineering and Design, 2015, 98-99, 1763-1766.	1.9	17
12	RELAP5/SIMMER-III code coupling development for PbLi-water interaction. Fusion Engineering and Design, 2020, 153, 111504.	1.9	16
13	Post-test analyses of LIFUS5 Test#3 experiment. Fusion Engineering and Design, 2017, 124, 856-860.	1.9	14
14	Validation of SIMMER-III code for in-box LOCA of WCLL BB: Pre-test numerical analysis of Test D1.1 in LIFUS5/Mod3 facility. Fusion Engineering and Design, 2019, 146, 978-982.	1.9	13
15	Development of a SIMMERRELAP5 coupling tool. Fusion Engineering and Design, 2019, 146, 1993-1997.	1.9	13
16	Assessment of SIMMER-III code in predicting Water Cooled Lithium Lead Breeding Blanket in-box-Loss of Coolant Accident: Fusion Engineering and Design, 2021, 163, 112127.	1.9	13
17	Analysis of Test D1.1 of the LIFUS5/Mod3 facility for In-box LOCA in WCLL-BB. Fusion Engineering and Design, 2020, 160, 111832.	1.9	10
18	Thermal-hydraulic and thermo-mechanical simulations of Water-Heavy Liquid Metal interactions towards the DEMO WCLL breeding blanket design. Fusion Engineering and Design, 2019, 146, 2712-2716.	1.9	9

#	ARTICLE	IF	CITATIONS
19	Fusion technologies development at ENEA Brasimone Research Centre: Status and perspectives. Fusion Engineering and Design, 2020, 160, 112008.	1.9	9
20	Experimental and Numerical Results of LIFUS5/Mod3 Series E Test on In-Box LOCA Transient for WCLL-BB. Energies, 2021, 14, 8527.	3.1	9
21	Preliminary analysis of an in-box LOCA in the breeding unit of the WCLL TBM for the ITER reactor with SIMMER-IV code. Fusion Engineering and Design, 2021, 169, 112472.	1.9	8
22	Simulation of fuel dispersion in the MYRRHA-FASTEF primary coolant with CFD and SIMMER-IV. Nuclear Engineering and Design, 2015, 295, 74-83.	1.7	7
23	Experimental Characterization of Leak Detection Systems in HLM Pool Using LIFUS5/Mod3 Facility. Nuclear Technology, 2020, 206, 1409-1420.	1.2	6
24	Post-test analysis of Series D experiments in LIFUS5/Mod3 facility for SIMMER code validation of WCLL-BB In-box LOCA. Fusion Engineering and Design, 2021, 165, 112268.	1.9	6
25	Thermo-hydraulic analysis of PbLi ancillary system of WCLL TBM undergoing in-box LOCA. Fusion Engineering and Design, 2021, 168, 112614.	1.9	5
26	Fuel Dispersion and Flow Blockage Analyses for MYRRHA-FASTEF Reactor by SIMMER Code. , 2014, , .		1