

Marica Eboli

List of Publications by Year in descending order

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297
citing authors

#	ARTICLE	IF	CITATIONS
1	Status of maturation of critical technologies and systems design: Breeding blanket. Fusion Engineering and Design, 2022, 179, 113116.	1.9	44
2	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
3	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
4	Thermo-hydraulic analysis of PbLi ancillary system of WCLL TBM undergoing in-box LOCA. Fusion Engineering and Design, 2021, 168, 112614.	1.9	5
5	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
6	Overview on Lead-Cooled Fast Reactor Design and Related Technologies Development in ENEA. Energies, 2021, 14, 5157.	3.1	25
7	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
8	Fusion technologies development at ENEA Brasimone Research Centre: Status and perspectives. Fusion Engineering and Design, 2020, 160, 112008.	1.9	9
9	Experimental Characterization of Leak Detection Systems in HLM Pool Using LIFUS5/Mod3 Facility. Nuclear Technology, 2020, 206, 1409-1420.	1.2	6
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	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
12	RELAP5/SIMMER-III code coupling development for PbLi-water interaction. Fusion Engineering and Design, 2020, 153, 111504.	1.9	16
13	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
14	Experimental activities for in-box LOCA of WCLL BB in LIFUS5/Mod3 facility. Fusion Engineering and Design, 2019, 146, 914-919.	1.9	26
15	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
16	Development of a SIMMERRELAP5 coupling tool. Fusion Engineering and Design, 2019, 146, 1993-1997.	1.9	13
17	Status of Pb-16Li technologies for European DEMO fusion reactor. Fusion Engineering and Design, 2019, 146, 2676-2681.	1.9	21
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Advancements in DEMO WCLL breeding blanket design and integration. International Journal of Energy Research, 2018, 42, 27-52.	4.5	77
21	WCLL breeding blanket design and integration for DEMO 2015: status and perspectives. Fusion Engineering and Design, 2017, 124, 682-686.	1.9	91
22	Post-test analyses of LIFUS5 Test#3 experiment. Fusion Engineering and Design, 2017, 124, 856-860.	1.9	14
23	Implementation of the chemical PbLi/water reaction in the SIMMER code. Fusion Engineering and Design, 2016, 109-111, 468-473.	1.9	24
24	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
25	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
26	Fuel Dispersion and Flow Blockage Analyses for MYRRHA-FASTEF Reactor by SIMMER Code. , 2014, , .		1