

Alessandro Tassone

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

453
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional MHD flow in moderate change ratio orifice. Journal of Physics: Conference Series, 2022, 2177, 012003.	0.4	0
2	Numerical Simulation of High-Density Ratio Bubble Motion with interIsoFoam. Fluids, 2022, 7, 152.	1.7	4
3	Development of a RELAP5/MOD3.3 Module for MHD Pressure Drop Analysis in Liquid Metals Loops: Verification and Validation. Energies, 2021, 14, 5538.	3.1	12
4	Computational MHD analyses in support of the design of the WCLL TBM breeding zone. Fusion Engineering and Design, 2021, 170, 112535.	1.9	9
5	MHD R&D Activities for Liquid Metal Blankets. Energies, 2021, 14, 6640.	3.1	13
6	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
7	Influence of PbLi hydraulic path and integration layout on MHD pressure losses. Fusion Engineering and Design, 2020, 155, 111517.	1.9	24
8	Electromagnetic coupling phenomena in co-axial rectangular channels. Fusion Engineering and Design, 2020, 160, 111854.	1.9	10
9	MHD forced convection flow in dielectric and electro-conductive rectangular annuli. Fusion Engineering and Design, 2020, 159, 111773.	1.9	13
10	MHD pressure drop estimate for the WCLL in-magnet PbLi loop. Fusion Engineering and Design, 2020, 160, 111830.	1.9	14
11	DEMO WCLL breeding zone cooling system design: Analysis and discussion. Fusion Engineering and Design, 2019, 146, 2632-2638.	1.9	12
12	MHD mixed convection flow in the WCLL: Heat transfer analysis and cooling system optimization. Fusion Engineering and Design, 2019, 146, 809-813.	1.9	30
13	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
14	Numerical study of the MHD flow around a bounded heating cylinder: Heat transfer and pressure drops. International Communications in Heat and Mass Transfer, 2018, 91, 165-175.	5.6	17
15	Advancements in DEMO WCLL breeding blanket design and integration. International Journal of Energy Research, 2018, 42, 27-52.	4.5	77
16	Three-dimensional MHD flow and heat transfer in a channel with internal obstacle. International Journal of Heat and Technology, 2018, 36, 1367-1377.	0.6	4
17	WCLL breeding blanket design and integration for DEMO 2015: status and perspectives. Fusion Engineering and Design, 2017, 124, 682-686.	1.9	91
18	CFD simulation of the magnetohydrodynamic flow inside the WCLL breeding blanket module. Fusion Engineering and Design, 2017, 124, 705-709.	1.9	20