

Luciana Barucca

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6319542/publications.pdf>

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17
papers

682
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

746
citing authors

#	ARTICLE	IF	CITATIONS
1	DEMO design activity in Europe: Progress and updates. Fusion Engineering and Design, 2018, 136, 729-741.	1.9	224
2	Overview of the DEMO staged design approach in Europe. Nuclear Fusion, 2019, 59, 066013.	3.5	156
3	Status of EU DEMO heat transport and power conversion systems. Fusion Engineering and Design, 2018, 136, 1557-1566.	1.9	50
4	Progress in EU Breeding Blanket design and integration. Fusion Engineering and Design, 2018, 136, 782-792.	1.9	50
5	Study of EU DEMO WCLL breeding blanket and primary heat transfer system integration. Fusion Engineering and Design, 2018, 136, 828-833.	1.9	44
6	Tokamak cooling systems and power conversion system options. Fusion Engineering and Design, 2022, 178, 113093.	1.9	26
7	Pre-conceptual design of EU DEMO balance of plant systems: Objectives and challenges. Fusion Engineering and Design, 2021, 169, 112504.	1.9	25
8	Maturation of critical technologies for the DEMO balance of plant systems. Fusion Engineering and Design, 2022, 179, 113096.	1.9	24
9	Preliminary design of EU DEMO helium-cooled breeding blanket primary heat transfer system. Fusion Engineering and Design, 2018, 136, 1567-1571.	1.9	18
10	EU DEMO safety and balance of plant design and operating requirements. Issues and possible solutions. Fusion Engineering and Design, 2019, 146, 2184-2188.	1.9	14
11	Progress in the design development of EU DEMO helium-cooled pebble bed primary heat transfer system. Fusion Engineering and Design, 2019, 146, 2416-2420.	1.9	13
12	Analysis of the effects of primary heat transfer system isolation valves in case of in-vessel loss-of-coolant accidents in the EU DEMO. Fusion Engineering and Design, 2020, 159, 111926.	1.9	9
13	Preliminary CAD implementation of EU-DEMO primary heat transfer systems for HCPB breeding blanket option. Fusion Engineering and Design, 2019, 146, 2062-2065.	1.9	7
14	Safety important classification of EU DEMO components. Fusion Engineering and Design, 2019, 146, 631-636.	1.9	7
15	Pre-conceptual design of EU-DEMO divertor primary heat transfer systems. Fusion Engineering and Design, 2021, 169, 112463.	1.9	7
16	The EU DEMO Plant Electrical System: Issues and perspective. Fusion Engineering and Design, 2020, 156, 111728.	1.9	5
17	Key EU DEMO plant and building layout criteria. Fusion Engineering and Design, 2021, 171, 112567.	1.9	3