

Peng Lu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

136
citations

1478505

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1281871

11
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17
all docs

17
docs citations

17
times ranked

65
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress on design and related R&D activities for the water-cooled breeder blanket for CFETR. Theoretical and Applied Mechanics Letters, 2019, 9, 161-172.	2.8	30
2	An improved on-the-fly global variance reduction technique by automatically updating weight window values for Monte Carlo shielding calculation. Fusion Engineering and Design, 2019, 147, 111238.	1.9	18
3	Design of the Water-Cooled Ceramic Breeder blanket for CFETR. Fusion Engineering and Design, 2022, 177, 113059.	1.9	13
4	Benchmark of cosRMC with CFETR fusion neutronics model. Fusion Engineering and Design, 2019, 144, 57-61.	1.9	12
5	Hybrid Monte Carlo approach for accurate and efficient shutdown dose rate calculation. Fusion Engineering and Design, 2018, 136, 498-502.	1.9	11
6	Thermal dynamic analyses of the primary heat transfer system for the WCCB blanket of CFETR. Fusion Engineering and Design, 2020, 161, 112067.	1.9	10
7	Verification of the on-the-fly global variance reduction technique on Monte Carlo global coupled neutron photon shielding calculations. Fusion Engineering and Design, 2021, 171, 112565.	1.9	6
8	New designs of target and cooling scheme for water cooled divertor in DEMO. Nuclear Fusion, 2021, 61, 036008.	3.5	6
9	Benchmark analysis of coupled neutron/decay-gamma transport method NASCA for shutdown dose rate calculation. Fusion Engineering and Design, 2019, 145, 54-59.	1.9	5
10	Operation and shutdown dose rate analysis of CFETR ECRH system. Fusion Engineering and Design, 2020, 159, 111751.	1.9	5
11	Neutronic analyses of Upper port ECRH antenna system for CFETR. Fusion Engineering and Design, 2021, 162, 112078.	1.9	4
12	Development of shutdown dose rate calculation code based on cosRMC and application to benchmark analysis. Fusion Engineering and Design, 2021, 173, 112846.	1.9	4
13	Sensitivity of R2Smesh shutdown dose rate results on the mesh resolution. Fusion Engineering and Design, 2018, 126, 15-23.	1.9	3
14	Progress on neutronic analysis for CFETR. Nuclear Fusion, 2022, 62, 056011.	3.5	3
15	Neutronics analyses of COOL blanket for CFETR. Fusion Engineering and Design, 2022, 179, 113130.	1.9	3
16	Improvements of the on-the-fly MC variance reduction technique with dynamic WW upper bounds. Nuclear Fusion, 2022, 62, 086036.	3.5	2
17	Neutronics assessments of LHCD antenna system for CFETR. Fusion Engineering and Design, 2021, 172, 112877.	1.9	1