

Peng Lu

List of Publications by Year in descending order

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papers

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1478505

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all docs

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65
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress on neutronic analysis for CFETR. Nuclear Fusion, 2022, 62, 056011.	3.5	3
2	Design of the Water-Cooled Ceramic Breeder blanket for CFETR. Fusion Engineering and Design, 2022, 177, 113059.	1.9	13
3	Neutronics analyses of COOL blanket for CFETR. Fusion Engineering and Design, 2022, 179, 113130.	1.9	3
4	Improvements of the on-the-fly MC variance reduction technique with dynamic WW upper bounds. Nuclear Fusion, 2022, 62, 086036.	3.5	2
5	Neutronic analyses of Upper port ECRH antenna system for CFETR. Fusion Engineering and Design, 2021, 162, 112078.	1.9	4
6	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
7	Neutronics assessments of LHCD antenna system for CFETR. Fusion Engineering and Design, 2021, 172, 112877.	1.9	1
8	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
9	New designs of target and cooling scheme for water cooled divertor in DEMO. Nuclear Fusion, 2021, 61, 036008.	3.5	6
10	Operation and shutdown dose rate analysis of CFETR ECRH system. Fusion Engineering and Design, 2020, 159, 111751.	1.9	5
11	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
12	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
13	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
14	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
15	Benchmark of cosRMC with CFETR fusion neutronics model. Fusion Engineering and Design, 2019, 144, 57-61.	1.9	12
16	Hybrid Monte Carlo approach for accurate and efficient shutdown dose rate calculation. Fusion Engineering and Design, 2018, 136, 498-502.	1.9	11
17	Sensitivity of R2Smesh shutdown dose rate results on the mesh resolution. Fusion Engineering and Design, 2018, 126, 15-23.	1.9	3