Qian Zhang

List of Publications by Year
in descending order

21 papers	171 citations	1307594 7 h-index	1199594 12 g-index
21 all docs	21 docs citations	21 times ranked	108 citing authors

#	Article	IF	Citations
1	Using Operational and Stock Analytics to Measure Airline Performance: A Network DEA Approach. Decision Sciences, 2021, 52, 720-748.	4.5	28
2	DEA cross-efficiency evaluation and ranking method based on interval data. Annals of Operations Research, 2019, 278, 159-175.	4.1	25
3	Accurate resonance absorption calculation for fuel pins with non-uniform intra-pellet temperature profile based on ultra-fine-group slowing-down calculations. Annals of Nuclear Energy, 2018, 120, 392-401.	1.8	13
4	Implementation of the CPU/GPU hybrid parallel method of characteristics neutron transport calculation using the heterogeneous cluster with dynamic workload assignment. Annals of Nuclear Energy, 2020, 135, 106957.	1.8	12
5	Overlapping communication and computation of GPU/CPU heterogeneous parallel spatial domain decomposition MOC method. Annals of Nuclear Energy, 2020, 135, 106988.	1.8	9
6	Improvements of subgroup method based on fine group slowing-down calculation for resonance self-shielding treatment. Annals of Nuclear Energy, 2020, 136, 106992.	1.8	9
7	Investigation on the heterogeneous resonance integral in the embedded self-shielding method. Annals of Nuclear Energy, 2018, 120, 485-500.	1.8	8
8	Performance Assessment of Cascade Control System with Non-Gaussian Disturbance Based on Minimum Entropy. Symmetry, 2019, 11, 379.	2.2	8
9	Evaluation of improved subgroup resonance treatment based on Sanchez-Pomraning method for double heterogeneity in PWR. Annals of Nuclear Energy, 2020, 143, 107491.	1.8	8
10	Improvements on the method of ultra-fine-group slowing-down solution coupled with method of characteristics on irregular geometries. Annals of Nuclear Energy, 2020, 136, 107017.	1.8	7
11	Extended development of a Monte Carlo code OpenMC for fuel cycle simulation of molten salt reactor. Progress in Nuclear Energy, 2020, 118, 103115.	2.9	7
12	A comprehensive evaluation of the RPT method on FCM fuel in light water reactor. Annals of Nuclear Energy, 2020, 142, 107434.	1.8	7
13	PRTS: A Passive RFID Real-Time Tracking System Under the Conditions of Sparse Measurements. IEEE Sensors Journal, 2018, 18, 2097-2106.	4.7	6
14	Fitting-based resonance database method for resonance self-shielding calculations of large-scale task considering depletion and intra-pin distribution. Annals of Nuclear Energy, 2020, 139, 107247.	1.8	6
15	Investigation of the chord length Markovian probability distribution for self-shielding treatment on double heterogeneity problem. Annals of Nuclear Energy, 2020, 146, 107658.	1.8	5
16	Problem-dependent compression method for burnup library. Annals of Nuclear Energy, 2020, 140, 107287.	1.8	4
17	Context-dependent data envelopment analysis with common set of weights. Infor, 2018, 56, 286-297.	0.6	2
18	Least squares linear source approach in method of characteristics. Annals of Nuclear Energy, 2020, 138, 107142.	1.8	2

#	Article	IF	Citations
19	Assembly pin factor parameterization method based on the proper orthogonal decomposition. Annals of Nuclear Energy, 2020, 139, 107262.	1.8	2
20	Investigation on the depletion calculation with neutronic-temperature coupling in the fuel pellet of light water reactor. Annals of Nuclear Energy, 2020, 140, 107297.	1.8	2
21	Evaluation of burnup calculation for double-heterogeneity system based on Sanchez-MOC framework in LWR. Annals of Nuclear Energy, 2020, 147, 107668.	1.8	1