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List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

247
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Henry gas solubility optimization for control of a nuclear reactor: A case study. Nuclear Engineering and Technology, 2022, 54, 940-947.	2.3	2
2	Comparison of the error-integral performance indexes in a GA-tuned PID controlling system of a PWR-type nuclear reactor point-kinetics model. Progress in Nuclear Energy, 2021, 132, 103604.	2.9	29
3	Control of a pressurized light-water nuclear reactor two-point kinetics model with the performance index-oriented PSO. Nuclear Engineering and Technology, 2021, , .	2.3	5
4	Computational effort comparison of genetic algorithm and particle swarm optimization algorithms for the proportionalâ€“integralâ€“derivative controller tuning of a pressurized water nuclear reactor. Annals of Nuclear Energy, 2020, 136, 107019.	1.8	33
5	Control of a PWR nuclear reactor core power using scheduled PID controller with GA, based on two-point kinetics model and adaptive disturbance rejection system. Annals of Nuclear Energy, 2019, 129, 487-502.	1.8	33
6	Robust tuned PID controller with PSO based on two-point kinetic model and adaptive disturbance rejection for a PWR-type reactor. Progress in Nuclear Energy, 2019, 111, 183-194.	2.9	38
7	Control of the reactor core power in PWR using optimized PID controller with the real-coded GA. Annals of Nuclear Energy, 2018, 118, 107-121.	1.8	50
8	Control of the pressurized water nuclear reactors power using optimized proportionalâ€“integralâ€“derivative controller with particle swarm optimization algorithm. Nuclear Engineering and Technology, 2018, 50, 877-885.	2.3	37
9	Optical Characterization of Oligonucleotide DNA Influenced by Magnetic Fields. Molecules, 2013, 18, 11797-11808.	3.8	6
10	Observation and Measurement of Negative Differential Resistance on PtSi Schottky Junctions on Porous Silicon. Sensors, 2010, 10, 1012-1020.	3.8	14