Seyed Mohammad Hossein Mousakazer

List of Publications by Year
in descending order

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	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
2	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
3	Control of the pressurized water nuclear reactors power using optimized proportionalâ€“integralâ€“derivative controller with particle swarm optimizationÂalgorithm. Nuclear Engineering and Technology, 2018, 50, 877-885.	2.3	37
4	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
5	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
6	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
7	Observation and Measurement of Negative Differential Resistance on PtSi Schottky Junctions on Porous Silicon. Sensors, 2010, 10, 1012-1020.	3.8	14
8	Optical Characterization of Oligonucleotide DNA Influenced by Magnetic Fields. Molecules, 2013, 18, 11797-11808.	3.8	6
9	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
10	Henry gas solubility optimization for control of a nuclear reactor: A case study. Nuclear Engineering and Technology, 2022, 54, 940-947.	2.3	2