RafaÅ, SzczepaÅ„ski

List of Publications by Year
in descending order

13 papers	227 citations	1307594 7 h-index	1588992 8 g-index
13 all docs	13 docs citations	13 times ranked	87 citing authors

#	Article	IF	Citations
1	Adaptive state feedback speed controller for PMSM based on Artificial Bee Colony algorithm. Applied Soft Computing Journal, 2019, 83, 105644.	7.2	46
2	Efficient Local Path Planning Algorithm Using Artificial Potential Field Supported by Augmented Reality. Energies, 2021, 14, 6642.	3.1	44
3	Energy Efficient Local Path Planning Algorithm Based on Predictive Artificial Potential Field. IEEE Access, 2022, 10, 39729-39742.	4.2	33
4	Auto-Tuning Process of State Feedback Speed Controller Applied for Two-Mass System. Energies, 2020, 13, 3067.	3.1	25
5	Global path planning for mobile robot based on Artificial Bee Colony and Dijkstra's algorithms. , 2021, , .		25
6	Optimal scheduling for palletizing task using robotic arm and artificial bee colony algorithm. Engineering Applications of Artificial Intelligence, 2022, 113, 104976.	8.1	17
7	State Feedback Speed Control with Periodic Disturbances Attenuation for PMSM Drive. Energies, 2022, 15, 587.	3.1	10
8	Identification of mechanical parameters in servo-drive system. , 2021, , .		9
9	Application of optimization algorithms to adaptive motion control for repetitive process. ISA Transactions, 2021, 115, 192-205.	5.7	9
10	A Novel Sensitivity Analysis to Moment of Inertia and Load Variations for PMSM Drives. IEEE Transactions on Power Electronics, 2022, 37, 13299-13309.	7.9	4
11	Comparison of Constraint-handling Techniques Used in Artificial Bee Colony Algorithm for Auto-Tuning of State Feedback Speed Controller for PMSM. , 2018, , .		3
12	Accelerating PSO based feedrate optimization for NURBS toolpaths using parallel computation with OpenMP. , 2017, , .		2
13	Parallel computing applied to auto-tuning of state feedback speed controller for PMSM drive. ITM Web of Conferences, 2019, 28, 01031.	0.5	0