Dongshu

List of Publications by Year
in descending order

25 papers	1,395 citations	1307594 7 h-index	677142 22 g-index
26 all docs	26 docs citations	26 times ranked	1037 citing authors

#	Article	IF	Citations
1	Flexible Behavioral Decision Making of Mobile Robot in Dynamic Environment. IEEE Transactions on Cognitive and Developmental Systems, 2023, 15, 134-149.	3.8	2
2	Behavior Decision of Mobile Robot With a Neurophysiologically Motivated Reinforcement Learning Model. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 219-233.	3.8	2
3	Mixed-Integer Nonlinear Programming for Energy-Efficient Container Handling: Formulation and Customized Genetic Algorithm. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10542-10555.	8.0	6
4	An adaptive behavior decision model of mobile robot based on the neuromodulation. Artificial Life and Robotics, 2021, 26, 66-75.	1.2	0
5	Path planning of mobile robot in dynamic environment: fuzzy artificial potential field and extensible neural network. Artificial Life and Robotics, 2021, 26, 129-139.	1.2	19
6	Infrared small target detection based on divergence operator and nonlinear classifier. Optical and Quantum Electronics, 2021, 53, 1.	3.3	4
7	Behavioral Decision-Making of Mobile Robot in Unknown Environment with the Cognitive Transfer. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 103, 1.	3.4	4
8	A Computational Developmental Model of Perceptual Learning for Mobile Robot. IEEE Transactions on Cognitive and Developmental Systems, 2021, , 1-1.	3.8	0
9	Mobile robot navigation with the combination of supervised learning in cerebellum and reward-based learning in basal ganglia. Cognitive Systems Research, 2020, 59, 1-14.	2.7	17
10	An emergent deep developmental model for auditory learning. Journal of Experimental and Theoretical Artificial Intelligence, 2020, 32, 665-684.	2.8	1
11	Receding horizon path planning of automated guided vehicles using a time–space network model. Optimal Control Applications and Methods, 2020, 41, 1889-1903.	2.1	9
12	A Biologically Inspired Behavior Control for the Unexpected Uncertainty With Motivated Developmental Network. IEEE Transactions on Cognitive and Developmental Systems, 2020, 12, 774-786.	3.8	3
13	Face Recognition in Complex Unconstrained Environment with An Enhanced WWN Algorithm. Journal of Intelligent Systems, 2020, 30, 18-39.	1.6	7
14	Goal-directed autonomous navigation of mobile robot based on the principle of neuromodulation. Network: Computation in Neural Systems, 2019, 30, 79-106.	3.6	2
15	Emergent spatio-temporal multimodal learning using a developmental network. Applied Intelligence, 2019, 49, 1306-1323.	5.3	6
16	Emergent face orientation recognition with internal neurons of the developmental network. Progress in Artificial Intelligence, 2018, 7, 359-367.	2.4	3
17	Particle swarm optimization algorithm: an overview. Soft Computing, 2018, 22, 387-408.	3.6	1,235
18	Developmental Network: An Internal Emergent Object Feature Learning. Neural Processing Letters, 2018, 48, 1135-1159.	3.2	8

#	Article	IF	Citations
19	Brain-like emergent auditory learning: A developmental method. Hearing Research, 2018, 370, 283-293.	2.0	4
20	Finite-time decentralized adaptive neural constrained control for interconnected nonlinear time-delay systems with dynamics couplings among subsystems. ISA Transactions, 2018, 80, 54-64.	5.7	3
21	H_∞ stabilization for sampling fuzzy systems with asynchronous constraints on membership functions. IEEE Access, 2017, 5, 1524-1533.	4.2	8
22	How internal neurons represent the short context: an emergent perspective. Progress in Artificial Intelligence, 2017, 6, 67-77.	2.4	5
23	Natural Language Acquisition: State Inferring and Thinking. International Journal on Artificial Intelligence Tools, 2016, 25, 1650022.	1.0	3
24	Unknown environment exploration of multi-robot system with the FORDPSO. Swarm and Evolutionary Computation, 2016, 26, 157-174.	8.1	43
25	Developmental network and its application to face recognition. , 2015, , .		1