

Dongshu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1045621/publications.pdf>

Version: 2024-02-01

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	Particle swarm optimization algorithm: an overview. <i>Soft Computing</i> , 2018, 22, 387-408.	3.6	1,235
2	Unknown environment exploration of multi-robot system with the FORDPSO. <i>Swarm and Evolutionary Computation</i> , 2016, 26, 157-174.	8.1	43
3	Path planning of mobile robot in dynamic environment: fuzzy artificial potential field and extensible neural network. <i>Artificial Life and Robotics</i> , 2021, 26, 129-139.	1.2	19
4	Mobile robot navigation with the combination of supervised learning in cerebellum and reward-based learning in basal ganglia. <i>Cognitive Systems Research</i> , 2020, 59, 1-14.	2.7	17
5	Receding horizon path planning of automated guided vehicles using a time-space network model. <i>Optimal Control Applications and Methods</i> , 2020, 41, 1889-1903.	2.1	9
6	Hybrid stabilization for sampling fuzzy systems with asynchronous constraints on membership functions. <i>IEEE Access</i> , 2017, 5, 1524-1533.	4.2	8
7	Developmental Network: An Internal Emergent Object Feature Learning. <i>Neural Processing Letters</i> , 2018, 48, 1135-1159.	3.2	8
8	Face Recognition in Complex Unconstrained Environment with An Enhanced WVN Algorithm. <i>Journal of Intelligent Systems</i> , 2020, 30, 18-39.	1.6	7
9	Emergent spatio-temporal multimodal learning using a developmental network. <i>Applied Intelligence</i> , 2019, 49, 1306-1323.	5.3	6
10	Mixed-Integer Nonlinear Programming for Energy-Efficient Container Handling: Formulation and Customized Genetic Algorithm. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 10542-10555.	8.0	6
11	How internal neurons represent the short context: an emergent perspective. <i>Progress in Artificial Intelligence</i> , 2017, 6, 67-77.	2.4	5
12	Brain-like emergent auditory learning: A developmental method. <i>Hearing Research</i> , 2018, 370, 283-293.	2.0	4
13	Infrared small target detection based on divergence operator and nonlinear classifier. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.	3.3	4
14	Behavioral Decision-Making of Mobile Robot in Unknown Environment with the Cognitive Transfer. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2021, 103, 1.	3.4	4
15	Natural Language Acquisition: State Inferring and Thinking. <i>International Journal on Artificial Intelligence Tools</i> , 2016, 25, 1650022.	1.0	3
16	Emergent face orientation recognition with internal neurons of the developmental network. <i>Progress in Artificial Intelligence</i> , 2018, 7, 359-367.	2.4	3
17	Finite-time decentralized adaptive neural constrained control for interconnected nonlinear time-delay systems with dynamics couplings among subsystems. <i>ISA Transactions</i> , 2018, 80, 54-64.	5.7	3
18	A Biologically Inspired Behavior Control for the Unexpected Uncertainty With Motivated Developmental Network. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2020, 12, 774-786.	3.8	3

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Flexible Behavioral Decision Making of Mobile Robot in Dynamic Environment. IEEE Transactions on Cognitive and Developmental Systems, 2023, 15, 134-149.	3.8	2
22	Developmental network and its application to face recognition. , 2015, , .		1
23	An emergent deep developmental model for auditory learning. Journal of Experimental and Theoretical Artificial Intelligence, 2020, 32, 665-684.	2.8	1
24	An adaptive behavior decision model of mobile robot based on the neuromodulation. Artificial Life and Robotics, 2021, 26, 66-75.	1.2	0
25	A Computational Developmental Model of Perceptual Learning for Mobile Robot. IEEE Transactions on Cognitive and Developmental Systems, 2021, , 1-1.	3.8	0