Daeeun Kim

List of Publications by Year
in descending order

43 papers	1,575 citations	566801 15 h-index	377514 34 g-index
48 all docs	48 docs citations	48 times ranked	2457 citing authors

#	Article	IF	Citations
1	Moving Object Tracking Based on Sparse Optical Flow with Moving Window and Target Estimator. Sensors, 2022, 22, 2878.	2.1	7
2	Condition Monitoring with Time Series Data Based on Probabilistic Model. , 2021, , .		0
3	Data Trimming Methods to Improve Gesture Classification. , 2021, , .		0
4	Remaining Useful Life Prognosis for Turbofan Engine Using Explainable Deep Neural Networks with Dimensionality Reduction. Sensors, 2020, 20, 6626.	2.1	29
5	Task Allocation Into a Foraging Task With a Series of Subtasks in Swarm Robotic System. IEEE Access, 2020, 8, 107549-107561.	2.6	17
6	Dynamic scheduling using a pheromone-based approach in multi-agent systems. Applied Soft Computing Journal, 2019, 85, 105875.	4.1	0
7	Special Feature on Advanced Mobile Robotics. Applied Sciences (Switzerland), 2019, 9, 4686.	1.3	0
8	Special Features on Intelligent Imaging and Analysis. Applied Sciences (Switzerland), 2019, 9, 4804.	1.3	2
9	Adaptive approach to regulate task distribution in swarm robotic systems. Swarm and Evolutionary Computation, 2019, 44, 1108-1118.	4.5	22
10	Highly Sensitive Multifilament Fiber Strain Sensors with Ultrabroad Sensing Range for Textile Electronics. ACS Nano, 2018, 12, 4259-4268.	7.3	207
11	Jamming Avoidance Response Inspired by Wave-type Weakly Electric Fish. Journal of Bionic Engineering, 2018, 15, 982-991.	2.7	0
12	High-Order Moment Models of Landmark Distribution for Local Homing Navigation. IEEE Access, 2018, 6, 72137-72151.	2.6	1
13	Detecting a Sphere Object with an Array of Magnetic Sensors. Lecture Notes in Computer Science, 2018, , 126-135.	1.0	0
14	Visual Homing Navigation With Haar-Like Features in the Snapshot. IEEE Access, 2018, 6, 33666-33681.	2.6	15
15	Individual Biometric Identification Using Multi-Cycle Electrocardiographic Waveform Patterns. Sensors, 2018, 18, 1005.	2.1	20
16	Roughâ€Surfaceâ€Enabled Capacitive Pressure Sensors with 3D Touch Capability. Small, 2017, 13, 1700368.	5.2	142
17	Handling interference effects on foraging with bucket brigades. Bioinspiration and Biomimetics, 2017, 12, 066001.	1.5	4
18	Spike response threshold model for task allocation in multi-agent systems. , 2017, , .		0

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19	Local Homing Navigation Based on the Moment Model for Landmark Distribution and Features. Sensors, 2017, 17, 2658.	2.1	3
20	History-Based Response Threshold Model for Division of Labor in Multi-Agent Systems. Sensors, 2017, 17, 1232.	2.1	13
21	Radial Distance Estimation with Tapered Whisker Sensors. Sensors, 2017, 17, 1659.	2.1	6
22	Autonomous Shepherding Behaviors of Multiple Target Steering Robots. Sensors, 2017, 17, 2729.	2.1	52
23	Landmark-Based Homing Navigation Using Omnidirectional Depth Information. Sensors, 2017, 17, 1928.	2.1	11
24	Highly Sensitive Pressure Sensor Based on Bioinspired Porous Structure for Real–Time Tactile Sensing. Advanced Electronic Materials, 2016, 2, 1600356.	2.6	264
25	Pressure Sensors: Highly Sensitive Pressure Sensor Based on Bioinspired Porous Structure for Real-Time Tactile Sensing (Adv. Electron. Mater. 12/2016). Advanced Electronic Materials, 2016, 2, .	2.6	1
26	A Landmark Vector Approach Using Gray-Colored Information. Lecture Notes in Computer Science, 2016, , 138-144.	1.0	1
27	Dynamic Task Allocation Using a Pheromone-Based Approach in Factory Domain Applications. , 2015, , .		3
28	Ag Nanowire Reinforced Highly Stretchable Conductive Fibers for Wearable Electronics. Advanced Functional Materials, 2015, 25, 3114-3121.	7.8	493
29	Modeling Jamming Avoidance Response of Pulse-type Weakly Electric Fish. Journal of Institute of Control, Robotics and Systems, 2015, 21, 924-929.	0.1	0
30	Attitude control of quadrotor with on-board visual feature projection system. , 2013, , .		4
31	A bio-inspired system to detect string vibration (ICCAS 2013). , 2013, , .		0
32	Burrow-centric distance-estimation methods inspired by surveillance behavior of fiddler crabs. Adaptive Behavior, 2012, 20, 273-286.	1.1	3
33	Analyzing the effect of landmark vectors in homing navigation. Adaptive Behavior, 2012, 20, 337-359.	1.1	16
34	Evolutionary multiobjective optimization for memory-encoding controllers in the artificial ant problem. , 2011, , .		0
35	Path Integration Mechanism with Coarse Coding of Neurons. Neural Processing Letters, 2011, 34, 277-291.	2.0	10
36	Image-based homing navigation with landmark arrangement matching. Information Sciences, 2011, 181, 3427-3442.	4.0	22

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37	Electrolocation based on tail-bending movements in weakly electric fish. Journal of Experimental Biology, 2011, 214, 2443-2450.	0.8	25
38	Ultrasound echolocation with frequency-modulated signals in cluttered background. , 2010, , .		0
39	Distance estimation method with snapshot landmark images in the robotic homing navigation. , 2010, , .		1
40	Wireless communications in networked robotics [Guest editorial. IEEE Wireless Communications, 2009, 16, 4-5.	6.6	16
41	Biomimetic whiskers for shape recognition. Robotics and Autonomous Systems, 2007, 55, 229-243.	3.0	92
42	Neural Network Mechanism for the Orientation Behavior of Sand Scorpions Towards Prey. IEEE Transactions on Neural Networks, 2006, 17, 1070-1076.	4.8	15
43	Evolving internal memory for T-maze tasks in noisy environments. Connection Science, 2004, 16, 183-210.	1.8	13