

Jooyoung Park

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,415
citations

759233

12
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

1256
citing authors

#	ARTICLE	IF	CITATIONS
1	Approximation and Radial-Basis-Function Networks. <i>Neural Computation</i> , 1993, 5, 305-316.	2.2	721
2	Identifying ECUs Using Inimitable Characteristics of Signals in Controller Area Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 4757-4770.	6.3	124
3	The Detection and Following of Human Legs Through Inductive Approaches for a Mobile Robot With a Single Laser Range Finder. <i>IEEE Transactions on Industrial Electronics</i> , 2012, 59, 3156-3166.	7.9	102
4	Development of a Laser-Range-Finder-Based Human Tracking and Control Algorithm for a Marathoner Service Robot. <i>IEEE/ASME Transactions on Mechatronics</i> , 2014, 19, 1963-1976.	5.8	84
5	Prediction of Driver's Intention of Lane Change by Augmenting Sensor Information Using Machine Learning Techniques. <i>Sensors</i> , 2017, 17, 1350.	3.8	81
6	Low resolution face recognition based on support vector data description. <i>Pattern Recognition</i> , 2006, 39, 1809-1812.	8.1	77
7	Optimal Stabilization of Takagi-Sugeno Fuzzy Systems with Application to Spacecraft Control. <i>Journal of Guidance, Control, and Dynamics</i> , 2001, 24, 767-777.	2.8	42
8	SVDD-Based Pattern Denoising. <i>Neural Computation</i> , 2007, 19, 1919-1938.	2.2	39
9	LSTM-Guided Coaching Assistant for Table Tennis Practice. <i>Sensors</i> , 2018, 18, 4112.	3.8	28
10	Nonlinear approximations using elliptic basis function networks. <i>Circuits, Systems, and Signal Processing</i> , 1994, 13, 99-113.	2.0	16
11	Characterizing Dynamic Walking Patterns and Detecting Falls with Wearable Sensors Using Gaussian Process Methods. <i>Sensors</i> , 2017, 17, 1172.	3.8	15
12	An Optimization Approach to Design of Generalized BSB Neural Associative Memories. <i>Neural Computation</i> , 2000, 12, 1449-1462.	2.2	14
13	Investigation of nonlinear epidemiological models for analyzing and controlling the MERS outbreak in Korea. <i>Journal of Theoretical Biology</i> , 2018, 437, 17-28.	1.7	12
14	Self-Diagnosis of Localization Status for Autonomous Mobile Robots. <i>Sensors</i> , 2018, 18, 3168.	3.8	9
15	Tunnel ventilation control via an actor-critic algorithm employing nonparametric policy gradients. <i>Journal of Mechanical Science and Technology</i> , 2009, 23, 311-323.	1.5	8
16	On the Design of BSB Neural Associative Memories Using Semidefinite Programming. <i>Neural Computation</i> , 1999, 11, 1985-1994.	2.2	7
17	A mixture-density-network based approach for finding rating curves: Facing multi-modality and unbalanced data distribution. <i>KSCE Journal of Civil Engineering</i> , 2010, 14, 243-250.	1.9	6
18	An optimization approach to design of cellular neural networks. <i>International Journal of Systems Science</i> , 2000, 31, 1585-1591.	5.5	5

#	ARTICLE	IF	CITATIONS
19	Tunnel ventilation controller design using an RLS-based natural actor-critic algorithm. International Journal of Precision Engineering and Manufacturing, 2010, 11, 829-838.	2.2	5
20	Co-Evolution of Predator-Prey Ecosystems by Reinforcement Learning Agents. Entropy, 2021, 23, 461.	2.2	4
21	Two-Stage Latent Dynamics Modeling and Filtering for Characterizing Individual Walking and Running Patterns with Smartphone Sensors. Sensors, 2019, 19, 2712.	3.8	3
22	Predicting Human Motion Signals Using Modern Deep Learning Techniques and Smartphone Sensors. Sensors, 2021, 21, 8270.	3.8	3
23	Nonlinear approximations using elliptic basis function networks. , 0, , .		2
24	Face Reconstruction with Low Resolution Facial Images by Feature Vector Projection in Kernel Space. , 2006, , .		2
25	Rainfallâ€runoff analysis based on competing linear impulse responses: decomposition of rainfallâ€runoff processes. Hydrological Processes, 2008, 22, 660-669.	2.6	2
26	Dynamic Power Management for Portable Hybrid Power-Supply Systems Utilizing Approximate Dynamic Programming. Energies, 2015, 8, 5053-5073.	3.1	2
27	A new methodology to the design of associative memories based on cellular neural networks. , 0, , .		1
28	Binary classification based on SVDD projection and nearest neighbors. , 2010, , .		1