Banafsheh Rekabdar

List of Publications by Year
in descending order

22 papers	196 citations	1478505 6 h-index	1474206 9 g-index
23 all docs	23 docs citations	23 times ranked	163 citing authors

#	Article	IF	Citations
1	Forecasting the weather of Nevada: A deep learning approach. , 2015, , .		60
2	Effects of Self-Avatar and Gaze on Avoidance Movement Behavior. , 2019, , .		21
3	An Unsupervised Approach to Learning and Early Detection of Spatio-Temporal Patterns Using Spiking Neural Networks. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 80, 83-97.	3.4	15
4	Generative Adversarial Network with Policy Gradient for Text Summarization. , 2019, , .		14
5	Dilated Convolutional Neural Network for Predicting Driver's Activity. , 2018, , .		10
6	Evaluating virtual reality locomotion interfaces on collision avoidance task with a virtual character. Visual Computer, 2021, 37, 2823-2839.	3.5	10
7	Toward Understanding the Effects of Virtual Character Appearance on Avoidance Movement Behavior. , 2021, , .		9
8	Unsupervised Learning of Spatio-temporal Patterns Using Spike Timing Dependent Plasticity. Lecture Notes in Computer Science, 2014, , 254-257.	1.3	9
9	A Scale and Translation Invariant Approach for Early Classification of Spatio-Temporal Patterns Using Spiking Neural Networks. Neural Processing Letters, 2016, 43, 327-343.	3.2	8
10	Using patterns of firing neurons in spiking neural networks for learning and early recognition of spatio-temporal patterns. Neural Computing and Applications, 2017, 28, 881-897.	5.6	8
11	Scale and translation invariant learning of spatio-temporal patterns using longest common subsequences and spiking neural networks. , 2015, , .		5
12	Learning Teamwork Behaviors Approach: Learning by Observation Meets Case-Based Planning. Lecture Notes in Computer Science, 2012, , 195-201.	1.3	4
13	A real-time spike-timing classifier of spatio-temporal patterns. Neurocomputing, 2018, 311, 183-196.	5.9	3
14	Real and Virtual Environment Mismatching Induces Arousal and Alters Movement Behavior. , 2020, , .		3
15	A biologically inspired approach to learning spatio-temporal patterns. , 2015, , .		2
16	Attentional Adversarial Variational Video Generation via Decomposing Motion and Content. , 2020, , .		2
17	Biologically Inspired Sleep Algorithm for Variational Auto-Encoders. Lecture Notes in Computer Science, 2020, , 54-67.	1.3	2
18	Context-based intent understanding using an Activation Spreading architecture. , 2015, , .		1

#	Article	IF	Citations
19	Intent Understanding Using an Activation Spreading Architecture. Robotics, 2015, 4, 284-315.	3.5	1
20	Uncertainty Measured Markov Decision Process in Dynamic Environments. , 2020, , .		1
21	Anticipating Maneuvers with Dilated Convolutions. , 2018, , .		0
22	Deep Learning Methods in Predicting Gene Expression Levels for the Malaria Parasite. Frontiers in Genetics, 2021, 12, 721068.	2.3	0