

Sebastian Otte

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

136
citations

2148532

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1526636

10
g-index

22
all docs

22
docs citations

22
times ranked

152
citing authors

#	ARTICLE	IF	CITATIONS
1	Fostering Compositionality in Latent, Generative Encodings to Solve the Omniglot Challenge. Lecture Notes in Computer Science, 2021, , 525-536.	1.0	2
2	Latent State Inference in a Spatiotemporal Generative Model. Lecture Notes in Computer Science, 2021, , 384-395.	1.0	2
3	Early Recognition of Ball Catching Success in Clinical Trials with RNN-Based Predictive Classification. Lecture Notes in Computer Science, 2021, , 444-456.	1.0	1
4	Dynamic Action Inference with Recurrent Spiking Neural Networks. Lecture Notes in Computer Science, 2021, , 233-244.	1.0	1
5	Gestalt Perception of Biological Motion: A Generative Artificial Neural Network Model. , 2021, , .		2
6	Signal Denoising with Recurrent Spiking Neural Networks and Active Tuning. Lecture Notes in Computer Science, 2021, , 220-232.	1.0	0
7	Investigating Efficient Learning and Compositionality in Generative LSTM Networks. Lecture Notes in Computer Science, 2020, , 143-154.	1.0	5
8	Fostering Event Compression Using Gated Surprise. Lecture Notes in Computer Science, 2020, , 155-167.	1.0	1
9	Inferring, Predicting, and Denoising Causal Wave Dynamics. Lecture Notes in Computer Science, 2020, , 566-577.	1.0	2
10	Learning Precise Spike Timings with Eligibility Traces. Lecture Notes in Computer Science, 2020, , 659-669.	1.0	0
11	Learning, planning, and control in a monolithic neural event inference architecture. Neural Networks, 2019, 117, 135-144.	3.3	37
12	Inferring Event-Predictive Goal-Directed Object Manipulations in REPRISE. Lecture Notes in Computer Science, 2019, , 639-653.	1.0	3
13	Incorporating Adaptive RNN-Based Action Inference and Sensory Perception. Lecture Notes in Computer Science, 2019, , 543-555.	1.0	1
14	Gradient-Based Learning of Compositional Dynamics with Modular RNNs. Lecture Notes in Computer Science, 2019, , 484-496.	1.0	2
15	Robust Real-Time 3D Person Detection for Indoor and Outdoor Applications. , 2018, , .		2
16	Integrative Collision Avoidance Within RNN-Driven Many-Joint Robot Arms. Lecture Notes in Computer Science, 2018, , 748-758.	1.0	4
17	Inherently Constraint-Aware Control of Many-Joint Robot Arms with Inverse Recurrent Models. Lecture Notes in Computer Science, 2017, , 262-270.	1.0	6
18	Inferring Adaptive Goal-Directed Behavior Within Recurrent Neural Networks. Lecture Notes in Computer Science, 2017, , 227-235.	1.0	13

#	ARTICLE	IF	CITATIONS
19	Recurrent Neural Networks for fast and robust vibration-based ground classification on mobile robots. , 2016, , .		23
20	Optimizing recurrent reservoirs with neuro-evolution. Neurocomputing, 2016, 192, 128-138.	3.5	27
21	Inference of time series components by online co-evolution. Genetic Programming and Evolvable Machines, 0, , 1.	1.5	0