

Wolfram Schenck

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8760535/publications.pdf>

Version: 2024-02-01

35
papers

511
citations

687220

13
h-index

677027

22
g-index

39
all docs

39
docs citations

39
times ranked

436
citing authors

#	ARTICLE	IF	CITATIONS
1	Open set task augmentation facilitates generalization of deep neural networks trained on small data sets. <i>Neural Computing and Applications</i> , 2022, 34, 6067-6083.	3.2	3
2	A Novel Low-Query-Budget Active Learner with Pseudo-Labels for Imbalanced Data. <i>Mathematics</i> , 2022, 10, 1068.	1.1	2
3	Using Artificial Intelligence for Assistance Systems to Bring Motor Learning Principles into Real World Motor Tasks. <i>Sensors</i> , 2022, 22, 2481.	2.1	0
4	A conceptual and practical comparison of PSO-style optimization algorithms. <i>Expert Systems With Applications</i> , 2021, 167, 114430.	4.4	45
5	Adaptive dimensionality reduction for neural network-based online principal component analysis. <i>PLoS ONE</i> , 2021, 16, e0248896.	1.1	21
6	Deep-learning based denoising and reconstruction of super-resolution structured illumination microscopy images. <i>Photonics Research</i> , 2021, 9, B168.	3.4	44
7	Variational Autoencoder based Novelty Detection for Real-World Time Series. , 2021, , .		2
8	Population initialization techniques for evolutionary algorithms for single-objective constrained optimization problems: Deterministic vs. stochastic techniques. <i>Swarm and Evolutionary Computation</i> , 2021, 67, 100952.	4.5	13
9	Advanced Data Analytics Platform for Manufacturing Companies. , 2021, , .		0
10	Towards Intelligent Legal Advisors for Document Retrieval and Question-Answering in German Legal Documents. , 2021, , .		3
11	Balancing Exploration and Exploitation: A novel active learner for imbalanced data. <i>Knowledge-Based Systems</i> , 2020, 210, 106500.	4.0	12
12	How to Label? Combining Expertsâ€™ Knowledge for German Text Classification. , 2020, , .		1
13	Adaptive Dimensionality Reduction for Local Principal Component Analysis. , 2020, , .		0
14	Visual Movement Prediction for Stable Grasp Point Detection. <i>Proceedings of the International Neural Networks Society</i> , 2020, , 70-81.	0.6	1
15	Adaptive Dimensionality Adjustment for Online â€œPrincipal Component Analysisâ€: <i>Lecture Notes in Computer Science</i> , 2019, , 76-84.	1.0	3
16	A Case Study on Benchmarking IoT Cloud Services. <i>Lecture Notes in Computer Science</i> , 2018, , 398-406.	1.0	3
17	Evaluation and Performance Modeling of a Burst Buffer Solution. <i>Operating Systems Review (ACM)</i> , 2017, 50, 12-26.	1.5	15
18	Comparing parallel hardware architectures for visually guided robot navigation. <i>Concurrency Computation Practice and Experience</i> , 2017, 29, e3833.	1.4	1

#	ARTICLE	IF	CITATIONS
19	The NEST Dry-Run Mode: Efficient Dynamic Analysis of Neuronal Network Simulation Code. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 40.	1.3	15
20	Editorial: Anatomy and Plasticity in Large-Scale Brain Models. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 108.	0.9	0
21	Performance Evaluation of Scientific Applications on POWER8. <i>Lecture Notes in Computer Science</i> , 2015, , 24-45.	1.0	11
22	Robot studies on saccade-triggered visual prediction. <i>New Ideas in Psychology</i> , 2013, 31, 221-238.	1.2	3
23	Solving the correspondence problem in stereo vision by internal simulation. <i>Adaptive Behavior</i> , 2013, 21, 239-250.	1.1	3
24	Grasping of extrafoveal targets: A robotic model. <i>New Ideas in Psychology</i> , 2011, 29, 235-259.	1.2	9
25	Kinematic motor learning. <i>Connection Science</i> , 2011, 23, 239-283.	1.8	2
26	COUPLED SINGULAR VALUE DECOMPOSITION OF A CROSS-COVARIANCE MATRIX. <i>International Journal of Neural Systems</i> , 2010, 20, 293-318.	3.2	14
27	Space Perception through Visuokinesthetic Prediction. <i>Lecture Notes in Computer Science</i> , 2009, , 247-266.	1.0	4
28	Bootstrapping Cognition from Behavior – A Computerized Thought Experiment. <i>Cognitive Science</i> , 2008, 32, 504-542.	0.8	35
29	Mood States Modulate Activity in Semantic Brain Areas during Emotional Word Encoding. <i>Cerebral Cortex</i> , 2007, 17, 1516-1530.	1.6	89
30	Spectral contrasts for landmark navigation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2007, 24, 1.	0.8	21
31	Emotion and memory: Event-related potential indices predictive for subsequent successful memory depend on the emotional mood state. <i>Advances in Cognitive Psychology</i> , 2007, 3, 363-373.	0.2	13
32	Training and Application of a Visual Forward Model for a Robot Camera Head. <i>Lecture Notes in Computer Science</i> , 2006, , 153-169.	1.0	8
33	Priming Trait Inferences Through Pictures and Moving Pictures: The Impact of Open and Closed Mindsets. <i>Journal of Personality and Social Psychology</i> , 2005, 88, 229-244.	2.6	51
34	Learning visuomotor transformations for gaze-control and grasping. <i>Biological Cybernetics</i> , 2005, 93, 119-130.	0.6	26
35	Spontaneous Inferences from Pictorially Presented Behaviors. <i>Personality and Social Psychology Bulletin</i> , 2001, 27, 1533-1546.	1.9	26