

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

687363

13
h-index

677142

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. | 5.6 | 3 |
| 2 | A Novel Low-Query-Budget Active Learner with Pseudo-Labels for Imbalanced Data. <i>Mathematics</i> , 2022, 10, 1068. | 2.2 | 2 |
| 3 | Using Artificial Intelligence for Assistance Systems to Bring Motor Learning Principles into Real World Motor Tasks. <i>Sensors</i> , 2022, 22, 2481. | 3.8 | 0 |
| 4 | A conceptual and practical comparison of PSO-style optimization algorithms. <i>Expert Systems With Applications</i> , 2021, 167, 114430. | 7.6 | 45 |
| 5 | Adaptive dimensionality reduction for neural network-based online principal component analysis. <i>PLoS ONE</i> , 2021, 16, e0248896. | 2.5 | 21 |
| 6 | Deep-learning based denoising and reconstruction of super-resolution structured illumination microscopy images. <i>Photonics Research</i> , 2021, 9, B168. | 7.0 | 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. | 8.1 | 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. | 7.1 | 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. | 1.3 | 3 |
| 16 | A Case Study on Benchmarking IoT Cloud Services. <i>Lecture Notes in Computer Science</i> , 2018, , 398-406. | 1.3 | 3 |
| 17 | Evaluation and Performance Modeling of a Burst Buffer Solution. <i>Operating Systems Review (ACM)</i> , 2017, 50, 12-26. | 1.9 | 15 |
| 18 | Comparing parallel hardware architectures for visually guided robot navigation. <i>Concurrency Computation Practice and Experience</i> , 2017, 29, e3833. | 2.2 | 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. | 2.5 | 15 |
| 20 | Editorial: Anatomy and Plasticity in Large-Scale Brain Models. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 108. | 1.7 | 0 |
| 21 | Performance Evaluation of Scientific Applications on POWER8. <i>Lecture Notes in Computer Science</i> , 2015, , 24-45. | 1.3 | 11 |
| 22 | Robot studies on saccade-triggered visual prediction. <i>New Ideas in Psychology</i> , 2013, 31, 221-238. | 1.9 | 3 |
| 23 | Solving the correspondence problem in stereo vision by internal simulation. <i>Adaptive Behavior</i> , 2013, 21, 239-250. | 1.9 | 3 |
| 24 | Grasping of extrafoveal targets: A robotic model. <i>New Ideas in Psychology</i> , 2011, 29, 235-259. | 1.9 | 9 |
| 25 | Kinematic motor learning. <i>Connection Science</i> , 2011, 23, 239-283. | 3.0 | 2 |
| 26 | COUPLED SINGULAR VALUE DECOMPOSITION OF A CROSS-COVARIANCE MATRIX. <i>International Journal of Neural Systems</i> , 2010, 20, 293-318. | 5.2 | 14 |
| 27 | Space Perception through Visuokinesthetic Prediction. <i>Lecture Notes in Computer Science</i> , 2009, , 247-266. | 1.3 | 4 |
| 28 | Bootstrapping Cognition from Behavior – A Computerized Thought Experiment. <i>Cognitive Science</i> , 2008, 32, 504-542. | 1.7 | 35 |
| 29 | Mood States Modulate Activity in Semantic Brain Areas during Emotional Word Encoding. <i>Cerebral Cortex</i> , 2007, 17, 1516-1530. | 2.9 | 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. | 1.5 | 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. | 0.5 | 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. | 1.3 | 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. | 2.8 | 51 |
| 34 | Learning visuomotor transformations for gaze-control and grasping. <i>Biological Cybernetics</i> , 2005, 93, 119-130. | 1.3 | 26 |
| 35 | Spontaneous Inferences from Pictorially Presented Behaviors. <i>Personality and Social Psychology Bulletin</i> , 2001, 27, 1533-1546. | 3.0 | 26 |