Wolfram Schenck

List of Publications by Year
in descending order

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	Mood States Modulate Activity in Semantic Brain Areas during Emotional Word Encoding. Cerebral Cortex, 2007, 17, 1516-1530.	1.6	89
2	Priming Trait Inferences Through Pictures and Moving Pictures: The Impact of Open and Closed Mindsets.. Journal of Personality and Social Psychology, 2005, 88, 229-244.	2.6	51
3	A conceptual and practical comparison of PSO-style optimization algorithms. Expert Systems With Applications, 2021, 167, 114430.	4.4	45
4	Deep-learning based denoising and reconstruction of super-resolution structured illumination microscopy images. Photonics Research, 2021, 9, B168.	3.4	44
5	Bootstrapping Cognition from Behavior—A Computerized Thought Experiment. Cognitive Science, 2008, 32, 504-542.	0.8	35
6	Spontaneous Inferences from Pictorially Presented Behaviors. Personality and Social Psychology Bulletin, 2001, 27, 1533-1546.	1.9	26
7	Learning visuomotor transformations for gaze-control and grasping. Biological Cybernetics, 2005, 93, 119-130.	0.6	26
8	Spectral contrasts for landmark navigation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 1.	0.8	21
9	Adaptive dimensionality reduction for neural network-based online principal component analysis. PLoS ONE, 2021, 16, e0248896.	1.1	21
10	Evaluation and Performance Modeling of a Burst Buffer Solution. Operating Systems Review (ACM), 2017, 50, 12-26.	1.5	15
11	The NEST Dry-Run Mode: Efficient Dynamic Analysis of Neuronal Network Simulation Code. Frontiers in Neuroinformatics, 2017, 11, 40.	1.3	15
12	COUPLED SINGULAR VALUE DECOMPOSITION OF A CROSS-COVARIANCE MATRIX. International Journal of Neural Systems, 2010, 20, 293-318.	3.2	14
13	Population initialization techniques for evolutionary algorithms for single-objective constrained optimization problems: Deterministic vs. stochastic techniques. Swarm and Evolutionary Computation, 2021, 67, 100952.	4.5	13
14	Emotion and memory: Event-related potential indices predictive for subsequent successful memory depend on the emotional mood state. Advances in Cognitive Psychology, 2007, 3, 363-373.	0.2	13
15	Balancing Exploration and Exploitation: A novel active learner for imbalanced data. Knowledge-Based Systems, 2020, 210, 106500.	4.0	12
16	Performance Evaluation of Scientific Applications on POWER8. Lecture Notes in Computer Science, 2015, , 24-45.	1.0	11
17	Grasping of extrafoveal targets: A robotic model. New Ideas in Psychology, 2011, 29, 235-259.	1.2	9
18	Training and Application of a Visual Forward Model for a Robot Camera Head. Lecture Notes in Computer Science, 2006, , 153-169.	1.0	8

#	Article	IF	Citations
19	Space Perception through Visuokinesthetic Prediction. Lecture Notes in Computer Science, 2009, , 247-266.	1.0	4
20	Robot studies on saccade-triggered visual prediction. New Ideas in Psychology, 2013, 31, 221-238.	1.2	3
21	Solving the correspondence problem in stereo vision by internal simulation. Adaptive Behavior, 2013, 21, 239-250.	1.1	3
22	A Case Study on Benchmarking IoT Cloud Services. Lecture Notes in Computer Science, 2018, , 398-406.	1.0	3
23	Adaptive Dimensionality Adjustment for Online â€œPrincipal Component Analysisâ€• Lecture Notes in Computer Science, 2019, , 76-84.	1.0	3
24	Open set task augmentation facilitates generalization of deep neural networks trained on small data sets. Neural Computing and Applications, 2022, 34, 6067-6083.	3.2	3
25	Towards Intelligent Legal Advisors for Document Retrieval and Question-Answering in German Legal Documents. , 2021, , .		3
26	Kinematic motor learning. Connection Science, 2011, 23, 239-283.	1.8	2
27	Variational Autoencoder based Novelty Detection for Real-World Time Series. , 2021, , .		2
28	A Novel Low-Query-Budget Active Learner with Pseudo-Labels for Imbalanced Data. Mathematics, 2022, 10, 1068.	1.1	2
29	Comparing parallel hardware architectures for visually guided robot navigation. Concurrency Computation Practice and Experience, 2017, 29, e3833.	1.4	1
30	How to Label? Combining Expertsâ€™ Knowledge for German Text Classification. , 2020, , .		1
31	Visual Movement Prediction for Stable Grasp Point Detection. Proceedings of the International Neural Networks Society, 2020, , 70-81.	0.6	1
32	Editorial: Anatomy and Plasticity in Large-Scale Brain Models. Frontiers in Neuroanatomy, 2016, 10, 108.	0.9	0
33	Adaptive Dimensionality Reduction for Local Principal Component Analysis. , 2020, , .		0
34	Advanced Data Analytics Platform for Manufacturing Companies. , 2021, , .		0
35	Using Artificial Intelligence for Assistance Systems to Bring Motor Learning Principles into Real World Motor Tasks. Sensors, 2022, 22, 2481.	2.1	0