

Nando De Freitas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11006372/publications.pdf>

Version: 2024-02-01

16
papers

5,750
citations

840776

11
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

6069
citing authors

#	ARTICLE	IF	CITATIONS
1	Taking the Human Out of the Loop: A Review of Bayesian Optimization. Proceedings of the IEEE, 2016, 104, 148-175.	21.3	2,776
2	An Introduction to MCMC for Machine Learning. Machine Learning, 2003, 50, 5-43.	5.4	1,641
3	A Boosted Particle Filter: Multitarget Detection and Tracking. Lecture Notes in Computer Science, 2004, , 28-39.	1.3	571
4	A Bayesian exploration-exploitation approach for optimal online sensing and planning with a visually guided mobile robot. Autonomous Robots, 2009, 27, 93-103.	4.8	156
5	A Statistical Model for General Contextual Object Recognition. Lecture Notes in Computer Science, 2004, , 350-362.	1.3	149
6	Learning Where to Attend with Deep Architectures for Image Tracking. Neural Computation, 2012, 24, 2151-2184.	2.2	118
7	Robust Full Bayesian Learning for Radial Basis Networks. Neural Computation, 2001, 13, 2359-2407.	2.2	68
8	Diagnosis by a Waiter and a Mars Explorer. Proceedings of the IEEE, 2004, 92, 455-468.	21.3	66
9	Distinct ECG Phenotypes Identified in Hypertrophic Cardiomyopathy Using Machine Learning Associate With Arrhythmic Risk Markers. Frontiers in Physiology, 2018, 9, 213.	2.8	57
10	A tutorial on stochastic approximation algorithms for training Restricted Boltzmann Machines and Deep Belief Nets. , 2010, , .		35
11	Learning to Recognize Objects with Little Supervision. International Journal of Computer Vision, 2008, 77, 219-237.	15.6	30
12	Analysis of Particle Methods for Simultaneous Robot Localization and Mapping and a New Algorithm: Marginal-SLAM. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	28
13	Target-directed attention: Sequential decision-making for gaze planning. , 2008, , .		20
14	SMC Samplers for Bayesian Optimal Nonlinear Design. , 2006, , .		17
15	Bayesian Analysis of Continuous Time Markov Chains with Application to Phylogenetic Modelling. Bayesian Analysis, 2016, 11, .	3.0	9
16	A Constrained Semi-supervised Learning Approach to Data Association. Lecture Notes in Computer Science, 2004, , 1-12.	1.3	9