

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