

# Ron Meir

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/952603/publications.pdf>

Version: 2024-02-01

12  
papers

404  
citations

1307594

7  
h-index

1588992

8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracting grid cell characteristics from place cell inputs using non-negative principal component analysis. <i>ELife</i> , 2016, 5, e10094.	6.0	125
2	Semantic-oriented 3d shape retrieval using relevance feedback. <i>Visual Computer</i> , 2005, 21, 865-875.	3.5	80
3	Almost Linear VC-Dimension Bounds for Piecewise Polynomial Networks. <i>Neural Computation</i> , 1998, 10, 2159-2173.	2.2	58
4	Nonparametric Time Series Prediction Through Adaptive Model Selection. <i>Machine Learning</i> , 2000, 39, 5-34.	5.4	57
5	Cell-Type-Specific Outcome Representation in the Primary Motor Cortex. <i>Neuron</i> , 2020, 107, 954-971.e9.	8.1	50
6	Hierarchical Coupled-Geometry Analysis for Neuronal Structure and Activity Pattern Discovery. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2016, 10, 1238-1253.	10.8	21
7	On the Existence of Linear Weak Learners and Applications to Boosting. <i>Machine Learning</i> , 2002, 48, 219-251.	5.4	9
8	Optimal Decoding of Dynamic Stimuli by Heterogeneous Populations of Spiking Neurons: A Closed-Form Approximation. <i>Neural Computation</i> , 2018, 30, 2056-2112.	2.2	2
9	Optimal Multivariate Tuning with Neuron-Level and Population-Level Energy Constraints. <i>Neural Computation</i> , 2020, 32, 794-828.	2.2	1
10	Finite sample bounds for time series prediction. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 1998, 77, 1585-1591.	0.6	0
11	Optimal encoding and decoding for point process observations: An approximate closed-form filter. , 2016, , .		0
12	Learning an attention model in an artificial visual system. , 2016, , .		0