

# David Balduzzi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3097627/publications.pdf>

Version: 2024-02-01

13  
papers

805  
citations

1163117

8  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

960  
citing authors

#	ARTICLE	IF	CITATIONS
1	Grammars for Games: A Gradient-Based, Game-Theoretic Framework for Optimization in Deep Learning. <i>Frontiers in Robotics and AI</i> , 2016, 2, .	3.2	2
2	Uncovering the structure and temporal dynamics of information propagation. <i>Network Science</i> , 2014, 2, 26-65.	1.0	150
3	What can neurons do for their brain? Communicate selectivity with bursts. <i>Theory in Biosciences</i> , 2013, 132, 27-39.	1.4	20
4	Quantifying causal influences. <i>Annals of Statistics</i> , 2013, 41, .	2.6	129
5	METABOLIC COST AS AN ORGANIZING PRINCIPLE FOR COOPERATIVE LEARNING. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2013, 16, 1350012.	1.4	3
6	A Neuromorphic Architecture for Object Recognition and Motion Anticipation Using Burst-STDP. <i>PLoS ONE</i> , 2012, 7, e36958.	2.5	21
7	Estimating integrated information with TMS pulses during wakefulness, sleep, and under anesthesia. , 2011, 2011, 4717-20.		0
8	Qualia: The Geometry of Integrated Information. <i>PLoS Computational Biology</i> , 2009, 5, e1000462.	3.2	156
9	POISSON GEOMETRY OF PARABOLIC BUNDLES ON ELLIPTIC CURVES. <i>International Journal of Mathematics</i> , 2008, 19, 339-367.	0.5	0
10	A BOLD window into brain waves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15641-15642.	7.1	54
11	Integrated Information in Discrete Dynamical Systems: Motivation and Theoretical Framework. <i>PLoS Computational Biology</i> , 2008, 4, e1000091.	3.2	258
12	Donagi-Markman cubic for Hitchin systems. <i>Mathematical Research Letters</i> , 2006, 13, 923-933.	0.5	9
13	On the information-theoretic structure of distributed measurements. <i>Electronic Proceedings in Theoretical Computer Science</i> , EPTCS, 0, 88, 28-42.	0.8	2