

# Pablo Toharia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8343965/publications.pdf>

Version: 2024-02-01

21  
papers

125  
citations

1684188

5  
h-index

1474206

9  
g-index

24  
all docs

24  
docs citations

24  
times ranked

119  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Unified Framework for Neuroscience Morphological Data Visualization. Applied Sciences (Switzerland), 2021, 11, 4652.	2.5	2
2	ConGenê”A Simulator-Agnostic Visual Language for Definition and Generation of Connectivity in Large and Multiscale Neural Networks. Frontiers in Neuroinformatics, 2021, 15, 766697.	2.5	0
3	SynCoPa: Visualizing Connectivity Paths and Synapses Over Detailed Morphologies. Frontiers in Neuroinformatics, 2021, 15, 753997.	2.5	0
4	Neuronize v2: Bridging the Gap Between Existing Proprietary Tools to Optimize Neuroscientific Workflows. Frontiers in Neuroanatomy, 2020, 14, 585793.	1.7	5
5	Simulation, visualization and analysis tools for pattern recognition assessment with spiking neuronal networks. Neurocomputing, 2020, 400, 309-321.	5.9	6
6	ViSimpl: Multi-View Visual Analysis of Brain Simulation Data. Frontiers in Neuroinformatics, 2016, 10, 44.	2.5	16
7	PyramidalExplorer: A New Interactive Tool to Explore Morpho-Functional Relations of Human Pyramidal Neurons. Frontiers in Neuroanatomy, 2015, 9, 159.	1.7	9
8	Musical Representation of Dendritic Spine Distribution: A New Exploratory Tool. Neuroinformatics, 2014, 12, 341-53.	2.8	6
9	A load index and load balancing algorithm for heterogeneous clusters. Journal of Supercomputing, 2013, 65, 1104-1113.	3.6	11
10	Scalable shot boundary detection. Journal of Supercomputing, 2013, 64, 89-99.	3.6	0
11	Analyzing scalability of parallel systems with unbalanced workload. Journal of Supercomputing, 2013, 64, 110-119.	3.6	0
12	Static Multi-device Load Balancing for OpenCL. , 2012, , .		15
13	Shot boundary detection using Zernike moments in multi-GPU multi-CPU architectures. Journal of Parallel and Distributed Computing, 2012, 72, 1127-1133.	4.1	18
14	Evaluating scalability in heterogeneous systems. Journal of Supercomputing, 2011, 58, 367-375.	3.6	3
15	GCViR: grid contentâ€based video retrieval with work allocation brokering. Concurrency Computation Practice and Experience, 2010, 22, 1450-1475.	2.2	2
16	Efficient Grid-Based Video Storage and Retrieval. Lecture Notes in Computer Science, 2008, , 833-851.	1.3	4
17	Combining activity and temporal coherence with low-level information for summarization of video rushes. , 2008, , .		2
18	A Study of Zernike Invariants for Content-Based Image Retrieval. , 2007, , 944-957.		10

#	ARTICLE	IF	CITATIONS
19	Video Shot Extraction on Parallel Architectures. Lecture Notes in Computer Science, 2006, , 869-883.	1.3	2
20	Comparing Sphere-Tree Generators and Hierarchy Updates for Deformable Objects Collision Detection. Lecture Notes in Computer Science, 2005, , 167-174.	1.3	3
21	RF Inhomogeneity Correction Algorithm in Magnetic Resonance Imaging. Lecture Notes in Computer Science, 2004, , 1-8.	1.3	3