

Nicolas F Lori

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5217339/publications.pdf>

Version: 2024-02-01

29
papers

2,529
citations

840776

11
h-index

580821

25
g-index

35
all docs

35
docs citations

35
times ranked

3064
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking neuronal fiber pathways in the living human brain. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 10422-10427.	7.1	1,672
2	Quantitative Diffusion-Tensor Anisotropy Brain MR Imaging: Normative Human Data and Anatomic Analysis. Radiology, 1999, 212, 770-784.	7.3	301
3	Diffusion tensor fiber tracking of human brain connectivity: acquisition methods, reliability analysis and biological results. NMR in Biomedicine, 2002, 15, 494-515.	2.8	161
4	Histological validation of high-resolution DTI in human post mortem tissue. Frontiers in Neuroanatomy, 2015, 9, 98.	1.7	118
5	Tackling variability: A multicenter study to provide a gold standard network approach for frontotemporal dementia. Human Brain Mapping, 2017, 38, 3804-3822.	3.6	48
6	Multilevel convergence of interoceptive impairments in hypertension: New evidence of disrupted body-brain interactions. Human Brain Mapping, 2018, 39, 1563-1581.	3.6	40
7	MRI diffusion tensor tracking of a new amygdalo-fusiform and hippocampo-fusiform pathway system in humans. Journal of Magnetic Resonance Imaging, 2009, 29, 1248-1261.	3.4	36
8	Obsessive-compulsive disorder as a visual processing impairment. Medical Hypotheses, 2010, 74, 107-109.	1.5	29
9	Definition of displacement probability and diffusion time in q-space magnetic resonance measurements that use finite-duration diffusion-encoding gradients. Journal of Magnetic Resonance, 2003, 165, 185-195.	2.1	24
10	Visuo-auditory Multimodal Emotional Structure to Improve Human-Robot-Interaction. International Journal of Social Robotics, 2012, 4, 29-51.	4.6	23
11	Entropy and Organizational Performance. Lecture Notes in Computer Science, 2019, , 206-217.	1.3	16
12	Early bilateral and massive compromise of the frontal lobes. NeuroImage: Clinical, 2018, 18, 543-552.	2.7	11
13	Software Tools for Conducting Real-Time Information Processing and Visualization in Industry: An Up-to-Date Review. Applied Sciences (Switzerland), 2021, 11, 4800.	2.5	10
14	Employees balance and stability as key points in organizational performance. Logic Journal of the IGPL, 0, , .	1.5	8
15	Deep Learning Based Pipeline for Fingerprinting Using Brain Functional MRI Connectivity Data. Procedia Computer Science, 2018, 141, 539-544.	2.0	6
16	Use of Shannon information in treatment of high resolution diffusion MRI. , 2010, 2010, 2714-7.		3
17	On Definitions of Information in Physics. Foundations of Science, 2011, 16, 311-314.	0.7	3
18	Review of Trends in Automatic Human Activity Recognition Using Synthetic Audio-Visual Data. Lecture Notes in Computer Science, 2020, , 549-560.	1.3	3

#	ARTICLE	IF	CITATIONS
19	Application of Quantum Darwinism to Cosmic Inflation: An Example of the Limits Imposed in Aristotelian Logic by Information-based Approach to Gödel's Incompleteness. Foundations of Science, 2010, 15, 199-211.	0.7	2
20	Matter and selfhood in Kant's physics: a contemporary reappraisal. , 0, , 207-225.		2
21	Some considerations on quantum computing at sub-atomic scales and its impact in the future of Moore's law. Quantum Information and Computation, 2020, 20, 1-13.	0.3	2
22	Processing Time Reduction: an Application in Living Human High-Resolution Diffusion Magnetic Resonance Imaging Data. Journal of Medical Systems, 2016, 40, 243.	3.6	1
23	Some considerations on the estimation of the value associated to a clinical act. Procedia Computer Science, 2020, 170, 1041-1046.	2.0	1
24	Automatic Atlas-Based Segmentation of Brain White Matter in Neonates at Risk for Neurodevelopmental Disorders. Mathematics and Visualization, 2017, , 355-372.	0.6	1
25	Review of Trends in Automatic Human Activity Recognition in Vehicle Based in Synthetic Data. Lecture Notes in Computer Science, 2020, , 368-376.	1.3	1
26	Quantum Field Theory Representation in Quantum Computation. Applied Sciences (Switzerland), 2021, 11, 11272.	2.5	1
27	Darwinian standard model of physics obtains general relativity. Quantum Information Processing, 2022, 21, 1.	2.2	1
28	Pipeline for spatial distortion correction in MRI. , 2011, , .		0
29	Use of Shannon information to relate function and structure in the brain using diffusion spectrum imaging MRI. , 2012, , .		0