

Nicolas F Lori

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,529
citations

949033

11
h-index

651938

25
g-index

35
all docs

35
docs citations

35
times ranked

3517
citing authors

#	ARTICLE	IF	CITATIONS
1	Darwinian standard model of physics obtains general relativity. Quantum Information Processing, 2022, 21, 1.	1.0	1
2	Software Tools for Conducting Real-Time Information Processing and Visualization in Industry: An Up-to-Date Review. Applied Sciences (Switzerland), 2021, 11, 4800.	1.3	10
3	Quantum Field Theory Representation in Quantum Computation. Applied Sciences (Switzerland), 2021, 11, 11272.	1.3	1
4	Some considerations on the estimation of the value associated to a clinical act. Procedia Computer Science, 2020, 170, 1041-1046.	1.2	1
5	Review of Trends in Automatic Human Activity Recognition Using Synthetic Audio-Visual Data. Lecture Notes in Computer Science, 2020, , 549-560.	1.0	3
6	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.	0.1	2
7	Review of Trends in Automatic Human Activity Recognition in Vehicle Based in Synthetic Data. Lecture Notes in Computer Science, 2020, , 368-376.	1.0	1
8	Entropy and Organizational Performance. Lecture Notes in Computer Science, 2019, , 206-217.	1.0	16
9	Early bilateral and massive compromise of the frontal lobes. NeuroImage: Clinical, 2018, 18, 543-552.	1.4	11
10	Multilevel convergence of interoceptive impairments in hypertension: New evidence of disrupted body-brain interactions. Human Brain Mapping, 2018, 39, 1563-1581.	1.9	40
11	Deep Learning Based Pipeline for Fingerprinting Using Brain Functional MRI Connectivity Data. Procedia Computer Science, 2018, 141, 539-544.	1.2	6
12	Tackling variability: A multicenter study to provide a gold-standard network approach for frontotemporal dementia. Human Brain Mapping, 2017, 38, 3804-3822.	1.9	48
13	Automatic Atlas-Based Segmentation of Brain White Matter in Neonates at Risk for Neurodevelopmental Disorders. Mathematics and Visualization, 2017, , 355-372.	0.4	1
14	Processing Time Reduction: an Application in Living Human High-Resolution Diffusion Magnetic Resonance Imaging Data. Journal of Medical Systems, 2016, 40, 243.	2.2	1
15	Histological validation of high-resolution DTI in human post mortem tissue. Frontiers in Neuroanatomy, 2015, 9, 98.	0.9	118
16	Use of Shannon information to relate function and structure in the brain using diffusion spectrum imaging MRI. , 2012, , .		0
17	Visuo-auditory Multimodal Emotional Structure to Improve Human-Robot-Interaction. International Journal of Social Robotics, 2012, 4, 29-51.	3.1	23
18	Pipeline for spatial distortion correction in MRI. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	On Definitions of Information in Physics. Foundations of Science, 2011, 16, 311-314.	0.4	3
20	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.	0.4	2
21	Use of Shannon information in treatment of high resolution diffusion MRI. , 2010, 2010, 2714-7.		3
22	Obsessive-compulsive disorder as a visual processing impairment. Medical Hypotheses, 2010, 74, 107-109.	0.8	29
23	MRI diffusion tensor tracking of a new amygdaloiform and hippocampoiform pathway system in humans. Journal of Magnetic Resonance Imaging, 2009, 29, 1248-1261.	1.9	36
24	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.	1.2	24
25	Diffusion tensor fiber tracking of human brain connectivity: acquisition methods, reliability analysis and biological results. NMR in Biomedicine, 2002, 15, 494-515.	1.6	161
26	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.	3.3	1,672
27	Quantitative Diffusion-Tensor Anisotropy Brain MR Imaging: Normative Human Data and Anatomic Analysis. Radiology, 1999, 212, 770-784.	3.6	301
28	Employees balance and stability as key points in organizational performance. Logic Journal of the IGPL, 0, , .	1.3	8
29	Matter and selfhood in Kant's physics: a contemporary reappraisal. , 0, , 207-225.		2