Matteo Caffini

List of Publications by Year
in descending order

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28	1,026	623734 14	713466 21
papers	citations	h-index	g-index

29	29	29	1163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physiological and molecular characterization of the late ripening stages in Mangifera indica cv Keitt. Postharvest Biology and Technology, 2022, 183, 111746.	6.0	13
2	Born to be asocial: newly hatched tortoises avoid unfamiliar individuals. Animal Behaviour, 2018, 138, 187-192.	1.9	10
3	Computer-aided cephalometric landmark annotation for CBCT data. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 113-121.	2.8	44
4	Spontaneous generalization of abstract multimodal patterns in young domestic chicks. Animal Cognition, 2017, 20, 521-529.	1.8	44
5	In vivo measure of neonate brain optical properties and hemodynamic parameters by time-domain near-infrared spectroscopy. Neurophotonics, 2017, 4, 1.	3.3	14
6	Effects of Increasing Neuromuscular Electrical Stimulation Current Intensity on Cortical Sensorimotor Network Activation: A Time Domain fNIRS Study. PLoS ONE, 2015, 10, e0131951.	2.5	33
7	Corticospinal tract integrity is related to primary motor cortex thinning in relapsingâ€“remitting multiple sclerosis. Multiple Sclerosis Journal, 2015, 21, 1771-1780.	3.0	34
8	Hemodynamic and EEG Time-Courses During Unilateral Hand Movement in Patients with Cortical Myoclonus. An EEG-fMRI and EEG-TD-fNIRS Study. Brain Topography, 2015, 28, 915-925.	1.8	30
9	Surface-based reconstruction and diffusion MRI in the assessment of gray and white matter damage in multiple sclerosis. , 2014, , .		0
10	Performance assessment of time-domain optical brain imagers, part 1: basic instrumental performance protocol. Journal of Biomedical Optics, 2014, 19, 086010.	2.6	101
11	Time domain functional NIRS imaging for human brain mapping. NeuroImage, 2014, 85, 28-50.	4.2	372
12	Comparison between optimized GRE and RARE sequences for19F MRI studies. , 2014, , .		0
13	Neurophotonics: non-invasive optical techniques for monitoring brain functions. Functional Neurology, 2014, 29, 223-30.	1.3	13
14	Cerebral Cortex Activation Mapping upon Electrical Muscle Stimulation by 32-Channel Time-Domain Functional Near-Infrared Spectroscopy. Advances in Experimental Medicine and Biology, 2013, 789, 441-447.	1.6	7
15	Multi-channel medical device for time domain functional near infrared spectroscopy based on wavelength space multiplexing. Biomedical Optics Express, 2013, 4, 2231.	2.9	54
16	From neurovascular coupling to neurovascular cascade: a study on neural, autonomic and vascular transients in attention. Physiological Measurement, 2012, 33, 1379-1397.	2.1	10
17	Load-dependent brain activation assessed by time-domain functional near-infrared spectroscopy during a working memory task with graded levels of difficulty. Journal of Biomedical Optics, 2012, 17, 056005.	2.6	42
18	Brain and Muscle near Infrared Spectroscopy/Imaging Techniques. Journal of Near Infrared Spectroscopy, 2012, 20, 15-27.	1.5	43

#	Article	IF	Citations
19	Validating atlas-guided DOT: A comparison of diffuse optical tomography informed by atlas and subject-specific anatomies. NeuroImage, 2012, 62, 1999-2006.	4.2	81
20	Anatomical brain atlas for NIRS measurements of brain activation. , 2011, , .		1
21	Assessment of basic instrumental performance of time-domain optical brain imagers. Proceedings of SPIE, 2011, , .	0.8	6
22	Assessment of cortical response during motor task in adults by a multimodality approach based on fNIRS-EEG, fMRI-EEG, and TMS. , 2011, , .		2
23	A compact time-resolved system for near infrared spectroscopy based on wavelength space multiplexing. Review of Scientific Instruments, 2010, 81, 113101.	1.3	35
24	A compact time-resolved system for NIR spectroscopy. , 2009, , .		2
25	Effect of prolonged stimulation on cerebral hemodynamic: A timeâ€resolved fNIRS study. Medical Physics, 2009, 36, 4103-4114.	3.0	20
26	A multichannel time-domain brain oximeter for clinical studies. Proceedings of SPIE, 2009, , .	0.8	9
27	Intra- and extra-cortical activation during a working memory task assessed by time-resolved near-infrared spectroscopy (fNIRS). Proceedings of SPIE, 2009, , .	0.8	0
28	Non-invasive neuroimaging: Generalized Linear Models for interpreting functional Near Infrared Spectroscopy signals. , 2007, , .		3