Edoardo Martinenghi

List of Publications by Year
in descending order

15	417	1040056 9	1474206 9
papers	citations	h-index	g-index

15	15	15	309
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Towards next-generation time-domain diffuse optics for extreme depth penetration and sensitivity. Biomedical Optics Express, 2015, 6, 1749.	2.9	100
2	Fast silicon photomultiplier improves signal harvesting and reduces complexity in time-domain diffuse optics. Optics Express, 2015, 23, 13937.	3.4	68
3	Broadband (600â€“1350 nm) Time-Resolved Diffuse Optical Spectrometer for Clinical Use. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 406-414.	2.9	66
4	Probe-hosted silicon photomultipliers for time-domain functional near-infrared spectroscopy: phantom andin vivotests. Neurophotonics, 2016, 3, 045004.	3.3	45
5	A Compact Two-Wavelength Time-Domain NIRS System Based on SiPM and Pulsed Diode Lasers. IEEE Photonics Journal, 2017, 9, 1-14.	2.0	42
6	Miniaturized pulsed laser source for time-domain diffuse optics routes to wearable devices. Journal of Biomedical Optics, 2017, 22, 1.	2.6	29
7	Time-domain diffuse optical tomography using silicon photomultipliers: feasibility study. Journal of Biomedical Optics, 2016, 21, 116002.	2.6	25
8	High throughput detection chain for time domain optical mammography. Biomedical Optics Express, 2018, 9, 755.	2.9	20
9	Time-Domain Functional Diffuse Optical Tomography System Based on Fiber-Free Silicon Photomultipliers. Applied Sciences (Switzerland), 2017, 7, 1235.	2.5	16
10	Broadband time-resolved diffuse optical spectrometer for clinical diagnostics: characterization and in-vivo measurements in the 600-1350 nm spectral range. , 2015, , .		4
11	Time-domain diffuse optics: towards next generation devices. , 2015, , .		1
12	Broadband Time-Resolved Diffuse Optical Spectrometer for Clinical Diagnostics: Characterization and in-vivo Measurements in the 600-1350 nm spectral range. , 2015, , .		1
13	Attractive new technologies for 7-wavelength time domain optical mammography. Proceedings of SPIE, 2017, , .	0.8	0
14	Time-domain diffuse optics: towards next generation devices. , 2015, , .		0
15	Time-Resolved Reflectance Diffuse Optical Tomography with Silicon PhotoMultipliers. , 2016, , .		0