

# Edoardo Martinenghi

## List of Publications by Year in descending order

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15  
papers

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1040056

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docs citations

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309  
citing authors

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