

# Alexander Jelzow

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/569747/publications.pdf>

Version: 2024-02-01

17  
papers

934  
citations

933447

10  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

983  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast repetition rate fs pulsed lasers for advanced PLIM microscopy. Journal of Innovative Optical Health Sciences, 2019, 12, 1940004.	1.0	1
2	Optical property reconstruction of a two-layer diffusive medium from single-distance time-resolved measurements. , 2016, , .		0
3	Optimal estimation reconstruction of the optical properties of a two-layered tissue phantom from time-resolved single-distance measurements. Journal of Biomedical Optics, 2015, 20, 115001.	2.6	21
4	Performance assessment of time-domain optical brain imagers, part 2: nEUROPt protocol. Journal of Biomedical Optics, 2014, 19, 086012.	2.6	85
5	Performance assessment of time-domain optical brain imagers, part 1: basic instrumental performance protocol. Journal of Biomedical Optics, 2014, 19, 086010.	2.6	101
6	Separation of superficial and cerebral hemodynamics using a single distance time-domain NIRS measurement. Biomedical Optics Express, 2014, 5, 1465.	2.9	17
7	Two-Layer Analysis of Time-Domain Functional NIRS Measurements. , 2014, , .		0
8	Performance assessment of time-domain optical brain imagers: a multi-laboratory study. , 2013, , .		7
9	Identifying and quantifying main components of physiological noise in functional near infrared spectroscopy on the prefrontal cortex. Frontiers in Human Neuroscience, 2013, 7, 864.	2.0	100
10	Non-contact time-resolved diffuse reflectance imaging at null source-detector separation. Optics Express, 2012, 20, 283.	3.4	46
11	Separation of indocyanine green boluses in the human brain and scalp based on time-resolved in-vivo fluorescence measurements. Journal of Biomedical Optics, 2012, 17, 057003.	2.6	11
12	Cerebral Perfusion in Acute Stroke Monitored by Time-domain Near-infrared Reflectometry. Biocybernetics and Biomedical Engineering, 2012, 32, 3-16.	5.9	41
13	The physiological origin of task-evoked systemic artefacts in functional near infrared spectroscopy. NeuroImage, 2012, 61, 70-81.	4.2	445
14	Performance Assessment of Time-Domain Optical Brain Imagers: The nEUROPt Protocol. , 2012, , .		2
15	Comparison of independent forward solvers for photon migration through layered media. Proceedings of SPIE, 2011, , .	0.8	0
16	Assessment of basic instrumental performance of time-domain optical brain imagers. Proceedings of SPIE, 2011, , .	0.8	6
17	Optical bedside monitoring of cerebral perfusion: technological and methodological advances applied in a study on acute ischemic stroke. Journal of Biomedical Optics, 2010, 15, 061708.	2.6	51