

Niels MÃ¸ller Israelsen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2218624/publications.pdf>

Version: 2024-02-01

25
papers

468
citations

933447

10
h-index

940533

16
g-index

25
all docs

25
docs citations

25
times ranked

655
citing authors

#	ARTICLE	IF	CITATIONS
1	Shot-noise limited, supercontinuum-based optical coherence tomography. <i>Light: Science and Applications</i> , 2021, 10, 133.	16.6	35
2	Delineating papillary dermis around basal cell carcinomas by high and ultrahigh resolution optical coherence tomography—A pilot study. <i>Journal of Biophotonics</i> , 2021, 14, e202100083.	2.3	1
3	High-resolution mid-infrared optical coherence tomography with kHz line rate. <i>Optics Letters</i> , 2021, 46, 4558.	3.3	8
4	Nitrogen-vacancy defect emission spectra in the vicinity of an adjustable silver mirror. <i>Materials for Quantum Technology</i> , 2021, 1, 015002.	3.1	1
5	Differentiation Between Benign and Malignant Pigmented Skin Tumours Using Bedside Diagnostic Imaging Technologies: A Pilot Study. <i>Acta Dermato-Venereologica</i> , 2021, 102, adv00634.	1.3	4
6	Coupling colloidal quantum dots to a dielectric slot-waveguide. <i>Journal of Physics Communications</i> , 2020, 4, 085003.	1.2	0
7	Real-time high-resolution mid-infrared optical coherence tomography. <i>Light: Science and Applications</i> , 2019, 8, 11.	16.6	182
8	Potential of contrast agents to enhance in vivo confocal microscopy and optical coherence tomography in dermatology: A review. <i>Journal of Biophotonics</i> , 2019, 12, e201800462.	2.3	9
9	Noise of supercontinuum sources in spectral domain optical coherence tomography. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, A154.	2.1	39
10	Mid-infrared optical coherent tomography: non-destructive testing of ceramics and plastics. , 2019, , .		0
11	Mid-infrared OCT imaging in highly scattering samples using real-time upconversion of broadband supercontinuum covering from 3.6-4.6 μm . , 2019, , .		1
12	Two optical coherence tomography systems detect topical gold nanoshells in hair follicles, sweat ducts and measure epidermis. <i>Journal of Biophotonics</i> , 2018, 11, e201700348.	2.3	15
13	Recovering distance information in spectral domain interferometry. <i>Scientific Reports</i> , 2018, 8, 15445.	3.3	22
14	The value of ultrahigh resolution OCT in dermatology - delineating the dermo-epidermal junction, capillaries in the dermal papillae and vellus hairs. <i>Biomedical Optics Express</i> , 2018, 9, 2240.	2.9	40
15	All-depth dispersion cancellation in spectral domain optical coherence tomography using numerical intensity correlations. <i>Scientific Reports</i> , 2018, 8, 9170.	3.3	20
16	Supercontinuum applications in high resolution non invasive optical imaging. , 2018, , .		1
17	Phase estimation for global defocus correction in optical coherence tomography. , 2018, , .		0
18	Resolution dependence on phase extraction by the Hilbert transform in phase calibrated and dispersion compensated ultrahigh resolution spectrometer-based OCT. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Non-destructive testing of layer-to-layer fusion of a 3D print using ultrahigh resolution optical coherence tomography. , 2017, , .		1
20	Gabor fusion master slave optical coherence tomography. Biomedical Optics Express, 2017, 8, 813.	2.9	18
21	Dispersion free full range spectral intensity optical coherence tomography. , 2017, , .		0
22	Master/slave: a better tool for Gabor filtering optical coherence tomography imaging instruments. , 2017, , .		0
23	Determining the internal quantum efficiency of shallow-implanted nitrogen-vacancy defects in bulk diamond. Optics Express, 2016, 24, 27715.	3.4	27
24	Increasing the photon collection rate from a single NV center with a silver mirror. Journal of Optics (United Kingdom), 2014, 16, 114017.	2.2	5
25	Generation and Controlled Routing of Single Plasmons on a Chip. Nano Letters, 2014, 14, 663-669.	9.1	39