

Jonas Golde

List of Publications by Year in descending order

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202
citing authors

#	ARTICLE	IF	CITATIONS
1	Brillouin and Raman imaging of domain walls in periodically-poled 5%-MgO:LiNbO ₃ . Optics Express, 2022, 30, 5051-5062.	3.4	0
2	A Handheld Fiber-Optic Probe to Enable Optical Coherence Tomography of Oral Soft Tissue. IEEE Transactions on Biomedical Engineering, 2022, 69, 2276-2282.	4.2	5
3	Core-shell bioprinting as a strategy to apply differentiation factors in a spatially defined manner inside osteochondral tissue substitutes. Biofabrication, 2022, 14, 014108.	7.1	21
4	Quantifying the refractive index of ferroelectric domain walls in periodically poled LiNbO ₃ single crystals by polarization-sensitive optical coherence tomography. Optics Express, 2021, 29, 33615.	3.4	3
5	In Vivo Endoscopic Optical Coherence Tomography of the Healthy Human Oral Mucosa: Qualitative and Quantitative Image Analysis. Diagnostics, 2020, 10, 827.	2.6	14
6	Endoscopic Optical Coherence Tomography for Evaluation of Success of Tympanoplasty. Otology and Neurotology, 2020, 41, e901-e905.	1.3	11
7	Correlation between Lesion Progression and Depolarization Assessed by Polarization-Sensitive Optical Coherence Tomography. Applied Sciences (Switzerland), 2020, 10, 2971.	2.5	4
8	Towards quantitative demineralization imaging for the assessment of carious lesions based on PS-OCT. EPJ Web of Conferences, 2020, 238, 04009.	0.3	3
9	Non-destructive testing of a rotating glass-fibre-reinforced polymer disc by swept source optical coherence tomography. EPJ Web of Conferences, 2020, 238, 06007.	0.3	1
10	Imaging birefringent tissue in the human tympanic membrane by polarization-sensitive optical coherence tomography. EPJ Web of Conferences, 2020, 238, 04008.	0.3	0
11	Assessment of occlusal enamel alterations utilizing depolarization imaging based on PS-OCT. , 2019, , .		1
12	Optical Coherence Tomography for NDE. , 2019, , 469-511.		0
13	Endoscopic optical coherence tomography at the middle ear diagnostic. , 2019, , .		0
14	Cross-sectional and en-face depolarization imaging for the assessment of dental lesions. Current Directions in Biomedical Engineering, 2018, 4, 301-304.	0.4	3
15	Visualization of interfacial adhesive defects at dental restorations with spectral domain and polarization sensitive optical coherence tomography. Current Directions in Biomedical Engineering, 2018, 4, 559-562.	0.4	0
16	Imaging of the human tympanic membrane by endoscopic optical coherence tomography. Current Directions in Biomedical Engineering, 2018, 4, 305-308.	0.4	0
17	Application of optical and spectroscopic technologies for the characterization of carious lesions <i>in vitro</i>. Biomedizinische Technik, 2018, 63, 595-602.	0.8	8
18	Optical Coherence Tomography for NDE. , 2018, , 1-44.		2

#	ARTICLE	IF	CITATIONS
19	Detection of carious lesions utilizing depolarization imaging by polarization sensitive optical coherence tomography. Journal of Biomedical Optics, 2018, 23, 1.	2.6	2
20	Detection of carious lesions utilizing depolarization imaging by polarization sensitive optical coherence tomography. Journal of Biomedical Optics, 2018, 23, 1.	2.6	30
21	In vivo imaging in the oral cavity by endoscopic optical coherence tomography. Journal of Biomedical Optics, 2018, 23, 1.	2.6	20
22	Endoscopic optical coherence tomography with wide field-of-view for the morphological and functional assessment of the human tympanic membrane. Journal of Biomedical Optics, 2018, 24, 1.	2.6	23
23	Functional and morphological imaging of the human tympanic membrane with endoscopic optical coherence tomography. Current Directions in Biomedical Engineering, 2017, 3, 99-101.	0.4	1
24	Polarization sensitive optical coherence tomography utilizing a buffered swept source laser. Current Directions in Biomedical Engineering, 2017, 3, 227-230.	0.4	0
25	In vivo imaging of human oral hard and soft tissues by polarization-sensitive optical coherence tomography. Journal of Biomedical Optics, 2017, 22, 1.	2.6	17
26	Doppler optical coherence tomography as a promising tool for detecting fluid in the human middle ear. Current Directions in Biomedical Engineering, 2016, 2, 443-447.	0.4	7
27	Imaging the tympanic membrane oscillation ex vivo with Doppler optical coherence tomography during simulated Eustachian catarrh. Proceedings of SPIE, 2015, , .	0.8	2
28	Imaging the tympanic membrane oscillation ex vivo with Doppler optical coherence tomography during simulated Eustachian catarrh. , 2015, , .		1