Jonas Golde

List of Publications by Year
in descending order

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28	179	1163117 8	1125743 13
papers	citations	h-index	g-index

28	28	28	202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of carious lesions utilizing depolarization imaging by polarization sensitive optical coherence tomography. Journal of Biomedical Optics, 2018, 23, 1.	2.6	30
2	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
3	Coreâ€“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	In vivo imaging in the oral cavity by endoscopic optical coherence tomography. Journal of Biomedical Optics, 2018, 23, 1.	2.6	20
5	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
6	In Vivo Endoscopic Optical Coherence Tomography of the Healthy Human Oral Mucosa: Qualitative and Quantitative Image Analysis. Diagnostics, 2020, 10, 827.	2.6	14
7	Endoscopic Optical Coherence Tomography for Evaluation of Success of Tympanoplasty. Otology and Neurotology, 2020, 41, e901-e905.	1.3	11
8	Application of optical and spectroscopic technologies for the characterization of carious lesions in vitro. Biomedizinische Technik, 2018, 63, 595-602.	0.8	8
9	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
10	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
11	Correlation between Lesion Progression and Depolarization Assessed by Polarization-Sensitive Optical Coherence Tomography. Applied Sciences (Switzerland), 2020, 10, 2971.	2.5	4
12	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
13	Quantifying the refractive index of ferroelectric domain walls in periodically poled LiNbO3 single crystals by polarization-sensitive optical coherence tomography. Optics Express, 2021, 29, 33615.	3.4	3
14	Towards quantitative demineralization imaging for the assessment of carious lesions based on PS-OCT. EPJ Web of Conferences, 2020, 238, 04009.	0.3	3
15	Imaging the tympanic membrane oscillation ex vivo with Doppler optical coherence tomography during simulated Eustachian catarrh. Proceedings of SPIE, 2015, , .	0.8	2
16	Optical Coherence Tomography for NDE. , 2018, , 1-44.		2
17	Detection of carious lesions utilizing depolarization imaging by polarization sensitive optical coherence tomography. Journal of Biomedical Optics, 2018, 23, 1.	2.6	2
18	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

#	Article	IF	Citations
19	Assessment of occlusal enamel alterations utilizing depolarization imaging based on PS-OCT. , 2019, , .		1
20	Imaging the tympanic membrane oscillation ex vivo with Doppler optical coherence tomography during simulated Eustachian catarrh. , 2015, , .		1
21	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
22	Polarization sensitive optical coherence tomography utilizing a buffered swept source laser. Current Directions in Biomedical Engineering, 2017, 3, 227-230.	0.4	0
23	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
24	Imaging of the human tympanic membrane by endoscopic optical coherence tomography. Current Directions in Biomedical Engineering, 2018, 4, 305-308.	0.4	0
25	Optical Coherence Tomography for NDE. , 2019, , 469-511.		0
26	Endoscopic optical coherence tomography at the middle ear diagnostic. , 2019, , .		0
27	Imaging birefringent tissue in the human tympanic membrane by polarization-sensitive optical coherence tomography. EPJ Web of Conferences, 2020, 238, 04008.	0.3	0
28	Brillouin and Raman imaging of domain walls in periodically-poled 5%-MgO:LiNbOâ‚ƒ. Optics Express, 2022, 30, 5051-5062.	3.4	0