

Osman O Ahsen

List of Publications by Year in descending order

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23
papers

799
citations

623734

14
h-index

713466

21
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23
docs citations

23
times ranked

1050
citing authors

#	ARTICLE	IF	CITATIONS
1	Passively scanned, single-fiber optical coherence tomography probes for gastrointestinal devices. <i>Lasers in Surgery and Medicine</i> , 2022, 54, 935-944.	2.1	2
2	Dual-modality optical coherence tomography and fluorescence tethered capsule endomicroscopy. <i>Biomedical Optics Express</i> , 2021, 12, 4308.	2.9	2
3	Tethered capsule en face optical coherence tomography for imaging Barrett's oesophagus in unsedated patients. <i>BMJ Open Gastroenterology</i> , 2020, 7, e000444.	2.7	10
4	Assessment of Barrett's esophagus and dysplasia with ultrahigh-speed volumetric en face and cross-sectional optical coherence tomography. <i>Endoscopy</i> , 2019, 51, 355-359.	1.8	11
5	Computer-Aided Analysis of Gland-Like Subsurface Hyposcattering Structures in Barrett's Esophagus Using Optical Coherence Tomography. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2420.	2.5	4
6	Cycloid scanning for wide field optical coherence tomography endomicroscopy and angiography in vivo. <i>Optica</i> , 2018, 5, 36.	9.3	28
7	Endoscopic optical coherence tomography angiography microvascular features associated with dysplasia in Barrett's Esophagus (with video). <i>Gastrointestinal Endoscopy</i> , 2017, 86, 476-484.e3.	1.0	33
8	Assessment of the radiofrequency ablation dynamics of esophageal tissue with optical coherence tomography. <i>Journal of Biomedical Optics</i> , 2017, 22, 1.	2.6	11
9	Ultrahigh-speed endoscopic optical coherence tomography and angiography enables delineation of lateral margins of endoscopic mucosal resection: a case report. <i>Therapeutic Advances in Gastroenterology</i> , 2017, 10, 931-936.	3.2	9
10	Endoscopic forward-viewing optical coherence tomography and angiography with MHz swept source. <i>Optics Letters</i> , 2017, 42, 3193.	3.3	34
11	Volumetric Mapping of Barrett's Esophagus and Dysplasia With en face Optical Coherence Tomography Tethered Capsule. <i>American Journal of Gastroenterology</i> , 2016, 111, 1664-1666.	0.4	28
12	Optical Coherence Microscopy. , 2015, , 865-911.		7
13	Compact piezoelectric transducer fiber scanning probe for optical coherence tomography. <i>Optics Letters</i> , 2014, 39, 186.	3.3	45
14	Ultrahigh speed endoscopic optical coherence tomography for gastroenterology. <i>Biomedical Optics Express</i> , 2014, 5, 4387.	2.9	34
15	Correction of rotational distortion for catheter-based en face OCT and OCT angiography. <i>Optics Letters</i> , 2014, 39, 5973.	3.3	48
16	Endoscopic Optical Coherence Angiography Enables 3-Dimensional Visualization of Subsurface Microvasculature. <i>Gastroenterology</i> , 2014, 147, 1219-1221.	1.3	50
17	Assessment of breast pathologies using nonlinear microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15304-15309.	7.1	169
18	Ultrahigh speed endoscopic swept source optical coherence tomography using a VCSEL light source and micromotor catheter. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	Swept source optical coherence microscopy using a 1310 nm VCSEL light source. Optics Express, 2013, 21, 18021.	3.4	43
20	Silencing of the Drosophila ortholog of SOX5 in heart leads to cardiac dysfunction as detected by optical coherence tomography. Human Molecular Genetics, 2013, 22, 3798-3806.	2.9	28
21	Comparison of Tissue Architectural Changes between Radiofrequency Ablation and Cryospray Ablation in Barrett's Esophagus Using Endoscopic Three-Dimensional Optical Coherence Tomography. Gastroenterology Research and Practice, 2012, 2012, 1-8.	1.5	19
22	Structural markers observed with endoscopic 3-dimensional optical coherence tomography correlating with Barrett's esophagus radiofrequency ablation treatment response (with videos). Gastrointestinal Endoscopy, 2012, 76, 1104-1112.	1.0	63
23	Characterization of buried glands before and after radiofrequency ablation by using 3-dimensional optical coherence tomography (with videos). Gastrointestinal Endoscopy, 2012, 76, 32-40.	1.0	117