Hao F F Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/42670/publications.pdf

Version: 2024-02-01

179 papers	9,168 citations	61857 43 h-index	45213 90 g-index
187 all docs	187 docs citations	187 times ranked	7259 citing authors

#	Article	IF	Citations
1	Functional photoacoustic microscopy for high-resolution and noninvasive in vivo imaging. Nature Biotechnology, 2006, 24, 848-851.	9.4	1,690
2	Optical-resolution photoacoustic microscopy for in vivo imaging of single capillaries. Optics Letters, 2008, 33, 929.	1.7	710
3	Imaging of hemoglobin oxygen saturation variations in single vesselsin vivousing photoacoustic microscopy. Applied Physics Letters, 2007, 90, 053901.	1.5	310
4	A Cooperative Copper Metalâ€“Organic Frameworkâ€Hydrogel System Improves Wound Healing in Diabetes. Advanced Functional Materials, 2017, 27, 1604872.	7.8	280
5	Photoacoustic ophthalmoscopy for in vivo retinal imaging. Optics Express, 2010, 18, 3967.	1.7	251
6	Three-dimensional imaging of skin melanoma in vivo by dual-wavelength photoacoustic microscopy. Journal of Biomedical Optics, 2006, 11, 034032.	1.4	242
7	Laser-scanning optical-resolution photoacoustic microscopy. Optics Letters, 2009, 34, 1771.	1.7	224
8	In vivo imaging of subcutaneous structures using functional photoacoustic microscopy. Nature Protocols, 2007, 2, 797-804.	5.5	181
9	Retinal oxygen: from animals to humans. Progress in Retinal and Eye Research, 2017, 58, 115-151.	7.3	170
10	Improved in vivo photoacoustic microscopy based on a virtual-detector concept. Optics Letters, 2006, 31, 474.	1.7	167
11	A transparent broadband ultrasonic detector based on an optical micro-ring resonator for photoacoustic microscopy. Scientific Reports, 2014, 4, 4496.	1.6	158
12	Visible-light optical coherence tomography for retinal oximetry. Optics Letters, 2013, 38, 1796.	1.7	151
13	Visible light optical coherence tomography measures retinal oxygen metabolic response to systemic oxygenation. Light: Science and Applications, 2015, 4, e334-e334.	7.7	133
14	In vivo volumetric imaging of subcutaneous microvasculature by photoacoustic microscopy. Optics Express, 2006, 14, 9317.	1.7	121
15	Optical Detection of Ultrasound in Photoacoustic Imaging. IEEE Transactions on Biomedical Engineering, 2017, 64, 4-15.	2.5	121
16	Simultaneous multimodal imaging with integrated photoacoustic microscopy and optical coherence tomography. Optics Letters, 2009, 34, 2961.	1.7	113
17	Effects of wavelength-dependent fluence attenuation on the noninvasive photoacoustic imaging of hemoglobin oxygen saturation in subcutaneous vasculature in vivo. Inverse Problems, 2007, 23, S113-S122.	1.0	111
18	Visible-light optical coherence tomography: a review. Journal of Biomedical Optics, 2017, 22, 1.	1.4	111

#	Article	IF	Citations
19	Photoacoustic imaging of the eye: A mini review. Photoacoustics, 2016, 4, 112-123.	4.4	107
20	A combined method to quantify the retinal metabolic rate of oxygen using photoacoustic ophthalmoscopy and optical coherence tomography. Scientific Reports, 2014, 4, 6525.	1.6	106
21	Sustained release of stromal cell derived factor-1 from an antioxidant thermoresponsive hydrogel enhances dermal wound healing in diabetes. Journal of Controlled Release, 2016, 238, 114-122.	4.8	105
22	Multiplexed RNAi therapy against brain tumor-initiating cells via lipopolymeric nanoparticle infusion delays glioblastoma progression. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6147-E6156.	3.3	102
23	Limitations of quantitative photoacoustic measurements of blood oxygenation in small vessels. Physics in Medicine and Biology, 2007, 52, 1349-1361.	1.6	100
24	Highâ€Speed 3D Printing of Millimeterâ€Size Customized Aspheric Imaging Lenses with Sub 7 nm Surface Roughness. Advanced Materials, 2018, 30, e1705683.	11.1	98
25	Super-resolution spectroscopic microscopy via photon localization. Nature Communications, 2016, 7, 12290.	5.8	91
26	Integrating photoacoustic ophthalmoscopy with scanning laser ophthalmoscopy, optical coherence tomography, and fluorescein angiography for a multimodal retinal imaging platform. Journal of Biomedical Optics, 2012, 17, 061206.	1.4	89
27	Imaging acute thermal burns by photoacoustic microscopy. Journal of Biomedical Optics, 2006, 11, 054033.	1.4	83
28	Photoacoustic probe using a microring resonator ultrasonic sensor for endoscopic applications. Optics Letters, 2014, 39, 4372.	1.7	80
29	Isometric multimodal photoacoustic microscopy based on optically transparent micro-ring ultrasonic detection. Optica, 2015, 2, 169.	4.8	79
30	Combined photoacoustic microscopy and optical coherence tomography can measure metabolic rate of oxygen. Biomedical Optics Express, 2011, 2, 1359.	1.5	74
31	Far-Red Photoactivatable BODIPYs for the Super-Resolution Imaging of Live Cells. Journal of the American Chemical Society, 2018, 140, 12741-12745.	6.6	71
32	Increased stiffness and flow resistance of the inner wall of Schlemmâ€™s canal in glaucomatous human eyes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26555-26563.	3.3	70
33	Stimulated Raman photoacoustic imaging. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20335-20339.	3.3	66
34	Human retinal imaging using visible-light optical coherence tomography guided by scanning laser ophthalmoscopy. Biomedical Optics Express, 2015, 6, 3701.	1.5	66
35	Progressive Degeneration of Retinal and Superior Collicular Functions in Mice With Sustained Ocular Hypertension. , 2015, 56, 1971.		65
36	Foxc1 and Foxc2 in the Neural Crest Are Required for Ocular Anterior Segment Development. , 2017, 58, 1368.		62

#	Article	IF	Citations
37	Absolute Retinal Blood Flow Measurement With a Dual-Beam Doppler Optical Coherence Tomography. , 2013, 54, 7998.		57
38	Superresolution intrinsic fluorescence imaging of chromatin utilizing native, unmodified nucleic acids for contrast. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9716-9721.	3.3	56
39	Fabricating customized hydrogel contact lens. Scientific Reports, 2016, 6, 34905.	1.6	56
40	OCT angiography and visible-light OCT in diabetic retinopathy. Vision Research, 2017, 139, 191-203.	0.7	54
41	In vivo functional microangiography by visible-light optical coherence tomography. Biomedical Optics Express, 2014, 5, 3603.	1.5	53
42	Retinal oximetry in humans using visible-light optical coherence tomography [Invited]. Biomedical Optics Express, 2017, 8, 1415.	1.5	52
43	Disposable ultrasound-sensing chronic cranial window by soft nanoimprinting lithography. Nature Communications, 2019, 10, 4277.	5.8	52
44	Measuring oxygen saturation in retinal and choroidal circulations in rats using visible light optical coherence tomography angiography. Biomedical Optics Express, 2015, 6, 2840.	1.5	50
45	Optical coherence photoacoustic microscopy for in vivo multimodal retinal imaging. Optics Letters, 2015, 40, 1370.	1.7	48
46	SIMULTANEOUS IMAGING OF A lacZ-MARKED TUMOR AND MICROVASCULATURE MORPHOLOGY IN VIVO BY DUAL-WAVELENGTH PHOTOACOUSTIC MICROSCOPY. Journal of Innovative Optical Health Sciences, 2008, 01, 207-215.	0.5	45
47	Photoacoustic generation by multiple picosecond pulse excitation. Medical Physics, 2010, 37, 1518-1521.	1.6	45
48	Optical coherence photoacoustic microscopy: accomplishing optical coherence tomography and photoacoustic microscopy with a single light source. Journal of Biomedical Optics, 2012, 17, 030502.	1.4	45
49	In vivo corneal neovascularization imaging by optical-resolution photoacoustic microscopy. Photoacoustics, 2014, 2, 81-86.	4.4	44
50	Long-Term Protection of Retinal Ganglion Cells and Visual Function by Brain-Derived Neurotrophic Factor in Mice With Ocular Hypertension. , 2016, 57, 3793.		43
51	Simultaneous in vivo imaging of melanin and lipofuscin in the retina with photoacoustic ophthalmoscopy and autofluorescence imaging. Journal of Biomedical Optics, 2011, 16, 080504.	1.4	40
52	Photoacoustic Ophthalmoscopy for In Vivo Retinal Imaging: Current Status and Prospects. Ophthalmic Surgery Lasers and Imaging Retina, 2011, 42, S106-15.	0.4	40
53	Imaging hemodynamic response after ischemic stroke in mouse cortex using visible-light optical coherence tomography. Biomedical Optics Express, 2016, 7, 3377.	1.5	35
54	Quantifying melanin concentration in retinal pigment epithelium using broadband photoacoustic microscopy. Biomedical Optics Express, 2017, 8, 2851.	1.5	35

#	Article	IF	Citations
55	Multicolor super-resolution imaging using spectroscopic single-molecule localization microscopy with optimal spectral dispersion. Applied Optics, 2019, 58, 2248.	0.9	35
56	Collecting back-reflected photons in photoacoustic microscopy. Optics Express, 2010, 18, 1278.	1.7	34
57	Super-resolution two-photon microscopy via scanning patterned illumination. Physical Review E, 2015, 91, 042703.	0.8	33
58	Inner retinal oxygen metabolism in the 50/10 oxygen-induced retinopathy model. Scientific Reports, 2015, 5, 16752.	1.6	32
59	Saturation effect in functional photoacoustic imaging. Journal of Biomedical Optics, 2010, 15, 021317.	1.4	31
60	Subsurface Super-resolution Imaging of Unstained Polymer Nanostructures. Scientific Reports, 2016, 6, 28156.	1.6	31
61	Stimulated Raman scattering: old physics, new applications. Journal of Modern Optics, 2009, 56, 1970-1973.	0.6	30
62	Accuracy of retinal oximetry: a Monte Carlo investigation. Journal of Biomedical Optics, 2013, 18, 066003.	1.4	30
63	Single all-fiber-based nanosecond-pulsed supercontinuum source for multispectral photoacoustic microscopy and optical coherence tomography. Optics Letters, 2016, 41, 2743.	1.7	30
64	Three-dimensional biplane spectroscopic single-molecule localization microscopy. Optica, 2019, 6, 709.	4.8	28
65	Increased Retinal Oxygen Metabolism Precedes Microvascular Alterations in Type 1 Diabetic Mice. , 2017, 58, 981.		27
66	Compressed-sensing Photoacoustic Imaging based on random optical illumination. International Journal of Functional Informatics and Personalised Medicine, 2009, 2, 394.	0.4	26
67	Snapshot hyperspectral retinal imaging using compact spectral resolving detector array. Journal of Biophotonics, 2017, 10, 830-839.	1.1	26
68	Theoretical analysis of spectral precision in spectroscopic single-molecule localization microscopy. Review of Scientific Instruments, 2018, 89, 123703.	0.6	26
69	Symmetrically dispersed spectroscopic single-molecule localization microscopy. Light: Science and Applications, 2020, 9, 92.	7.7	26
70	Accelerating multicolor spectroscopic single-molecule localization microscopy using deep learning. Biomedical Optics Express, 2020, 11, 2705.	1.5	26
71	Automatic algorithm for skin profile detection in photoacoustic microscopy. Journal of Biomedical Optics, 2009, 14, 024050.	1.4	25
72	Monte Carlo Investigation of Optical Coherence Tomography Retinal Oximetry. IEEE Transactions on Biomedical Engineering, 2015, 62, 2308-2315.	2.5	25

#	Article	IF	Citations
73	Optical Detection of Early Damage in Retinal Ganglion Cells in a Mouse Model of Partial Optic Nerve Crush Injury. , 2016, 57, 5665.		25
74	Visible-Light Optical Coherence Tomography Angiography for Monitoring Laser-Induced Choroidal Neovascularization in Mice. , 2016, 57, OCT86.		25
75	Dual-band optical coherence tomography using a single supercontinuum laser source. Journal of Biomedical Optics, 2016, 21, 066013.	1.4	25
76	Distinct pathological signatures in human cellular models of myotonic dystrophy subtypes. JCI Insight, 2019, 4, .	2.3	25
77	Simultaneous dual molecular contrasts provided by the absorbed photons in photoacoustic microscopy. Optics Letters, 2010, 35, 4018.	1.7	24
78	Near-infrared light photoacoustic ophthalmoscopy. Biomedical Optics Express, 2012, 3, 792.	1.5	24
79	Simultaneous optical coherence tomography angiography and fluorescein angiography in rodents with normal retina and laser-induced choroidal neovascularization. Optics Letters, 2015, 40, 5782.	1.7	24
80	Theoretical model for optical oximetry at the capillary level: exploring hemoglobin oxygen saturation through backscattering of single red blood cells. Journal of Biomedical Optics, 2017, 22, 025002.	1.4	24
81	Optical coherence tomography angiography of retinal vascular occlusions produced by imaging-guided laser photocoagulation. Biomedical Optics Express, 2017, 8, 3571.	1.5	24
82	Monitoring Acute Stroke in Mouse Model Using Laser Speckle Imaging-Guided Visible-Light Optical Coherence Tomography. IEEE Transactions on Biomedical Engineering, 2018, 65, 2136-2142.	2.5	24
83	Speckle reduction in visible-light optical coherence tomography using scan modulation. Neurophotonics, 2019, 6, 1.	1.7	24
84	Longitudinal deep-brain imaging in mouse using visible-light optical coherence tomography through chronic microprism cranial window. Biomedical Optics Express, 2019, 10, 5235.	1.5	24
85	Fundus Camera Guided Photoacoustic Ophthalmoscopy. Current Eye Research, 2013, 38, 1229-1234.	0.7	23
86	In Vivo Imaging of Schlemm's Canal and Limbal Vascular Network in Mouse Using Visible-Light OCT. , 2020, 61, 23.		23
87	Directly measuring absolute flow speed by frequency-domain laser speckle imaging. Optics Express, 2014, 22, 21079.	1.7	22
88	Bayer Filter Snapshot Hyperspectral Fundus Camera for Human Retinal Imaging. Current Eye Research, 2017, 42, 629-635.	0.7	22
89	Multimodal photoacoustic ophthalmoscopy in mouse. Journal of Biophotonics, 2013, 6, 505-512.	1.1	21
90	Effect of Contact Lens on Optical Coherence Tomography Imaging of Rodent Retina. Current Eye Research, 2013, 38, 1235-1240.	0.7	20

#	Article	IF	Citations
91	Integrated Photoacoustic Ophthalmoscopy and Spectral-domain Optical Coherence Tomography. Journal of Visualized Experiments, 2013, , e4390.	0.2	20
92	Monte Carlo investigation on quantifying the retinal pigment epithelium melanin concentration by photoacoustic ophthalmoscopy. Journal of Biomedical Optics, 2015, 20, 106005.	1.4	20
93	Parallel Three-Dimensional Tracking of Quantum Rods Using Polarization-Sensitive Spectroscopic Photon Localization Microscopy. ACS Photonics, 2017, 4, 1747-1752.	3.2	20
94	Consensus Recommendation for Mouse Models of Ocular Hypertension to Study Aqueous Humor Outflow and Its Mechanisms. , 2022, 63, 12.		20
95	Optical fluence distribution study in tissue in dark-field confocal photoacoustic microscopy using a modified Monte Carlo convolution method. Applied Optics, 2009, 48, 3204.	2.1	19
96	Adaptive optics photoacoustic microscopy. Optics Express, 2010, 18, 21770.	1.7	18
97	Designing visible-light optical coherence tomography towards clinics. Quantitative Imaging in Medicine and Surgery, 2019, 9, 769-781.	1.1	18
98	Image chorioretinal vasculature in albino rats using photoacoustic ophthalmoscopy. Journal of Modern Optics, 2011, 58, 1997-2001.	0.6	17
99	<italic>In Vivo</italic> Superresolution Imaging of Neuronal Structure in the Mouse Brain. IEEE Transactions on Biomedical Engineering, 2018, 65, 232-238.	2.5	17
100	In Vivo Sublayer Analysis of Human Retinal Inner Plexiform Layer Obtained by Visible-Light Optical Coherence Tomography. , 2022, 63, 18.		17
101	Laser-scanning Doppler photoacoustic microscopy based on temporal correlation. Applied Physics Letters, 2013, 102, 203501.	1.5	16
102	Theoretical and experimental studies of distance dependent response of micro-ring resonator-based ultrasonic detectors for photoacoustic microscopy. Journal of Applied Physics, 2014, 116, 144501.	1.1	15
103	Spectrally dependent roll-off in visible-light optical coherence tomography. Optics Letters, 2020, 45, 2680.	1.7	15
104	Gigahertz All-Optical Modulation Using Reconfigurable Nanophotonic Metamolecules. Nano Letters, 2016, 16, 7690-7695.	4.5	14
105	Blind sparse inpainting reveals cytoskeletal filaments with sub-Nyquist localization. Optica, 2017, 4, 1277.	4.8	14
106	Visible-Light Optical Coherence Tomography Fibergraphy for Quantitative Imaging of Retinal Ganglion Cell Axon Bundles. Translational Vision Science and Technology, 2020, 9, 11.	1.1	14
107	Visible-light optical coherence tomography oximetry based on circumpapillary scan and graph-search segmentation. Biomedical Optics Express, 2018, 9, 3640.	1.5	14
108	Machine-learning based spectral classification for spectroscopic single-molecule localization microscopy. Optics Letters, 2019, 44, 5864.	1.7	14

#	Article	IF	Citations
109	Laser-scanning photoacoustic microscopy with ultrasonic phased array transducer. Biomedical Optics Express, 2012, 3, 2694.	1.5	13
110	High-Throughput Single-Molecule Spectroscopy Resolves the Conformational Isomers of BODIPY Chromophores. Journal of Physical Chemistry Letters, 2019, 10, 6807-6812.	2.1	13
111	Super-Resolution Imaging of Self-Assembled Nanocarriers Using Quantitative Spectroscopic Analysis for Cluster Extraction. Langmuir, 2020, 36, 2291-2299.	1.6	13
112	Sustaining Intravitreal Residence With L-Arginine Peptide-Conjugated Nanocarriers. , 2017, 58, 5142.		12
113	Investigating Single-Molecule Fluorescence Spectral Heterogeneity of Rhodamines Using High-Throughput Single-Molecule Spectroscopy. Journal of Physical Chemistry Letters, 2021, 12, 3914-3921.	2.1	12
114	Method to identify and minimize artifacts induced by fluorescent impurities in single-molecule localization microscopy. Journal of Biomedical Optics, 2018, 23, 1.	1.4	11
115	Investigating femtosecond-laser-induced two-photon photoacoustic generation. Journal of Biomedical Optics, 2014, 19, 085001.	1.4	9
116	Measuring retinal blood flow in rats using Doppler optical coherence tomography without knowing eyeball axial length. Medical Physics, 2015, 42, 5356-5362.	1.6	9
117	Colposcopic imaging using visible-light optical coherence tomography. Journal of Biomedical Optics, 2017, 22, 056003.	1.4	9
118	In vivo blindâ€deconvolution photoacoustic ophthalmoscopy with total variation regularization. Journal of Biophotonics, 2018, 11, e201700360.	1.1	9
119	Tunicamycin-induced photoreceptor atrophy precedes degeneration of retinal capillaries with minimal effects on retinal ganglion and pigment epithelium cells. Experimental Eye Research, 2019, 187, 107756.	1.2	9
120	Monolithic dual-wedge prism-based spectroscopic single-molecule localization microscopy. Nanophotonics, 2022, 11, 1527-1535.	2.9	9
121	Investigating the influence of chromatic aberration and optical illumination bandwidth on fundus imaging in rats. Journal of Biomedical Optics, 2015, 20, 106010.	1.4	8
122	Real-time Functional Analysis of Inertial Microfluidic Devices via Spectral Domain Optical Coherence Tomography. Scientific Reports, 2016, 6, 33250.	1.6	8
123	In vivo imaging of the inner retinal layer structure in mice after eye-opening using visible-light optical coherence tomography. Experimental Eye Research, 2021, 211, 108756.	1.2	8
124	Global and Regional Damages in Retinal Ganglion Cell Axon Bundles Monitored Non-Invasively by Visible-Light Optical Coherence Tomography Fibergraphy. Journal of Neuroscience, 2021, 41, 10179-10193.	1.7	8
125	Real-time full-field photoacoustic imaging using an ultrasonic camera. Journal of Biomedical Optics, 2010, 15, 1.	1.4	7
126	In vitro testing of a protease-sensitive contrast agent for optoacoustic imaging. Journal of Biomedical Optics, 2010, 15, 021315.	1.4	7

#	Article	IF	Citations
127	Introduction: feature issue on In Vivo Microcirculation Imaging. Biomedical Optics Express, 2011, 2, 1861.	1.5	7
128	Structured interference optical coherence tomography. Optics Letters, 2012, 37, 3048.	1.7	7
129	Automatic retinal vessel segmentation based on active contours method in Doppler spectral-domain optical coherence tomography. Journal of Biomedical Optics, 2013, 18, 016002.	1.4	7
130	Noninvasive in vivo imaging of oxygen metabolic rate in the retina. , 2014, 2014, 3865-8.		7
131	High-Speed Balanced-Detection Visible-Light Optical Coherence Tomography in the Human Retina Using Subpixel Spectrometer Calibration. IEEE Transactions on Medical Imaging, 2022, 41, 1724-1734.	5.4	7
132	Chemically Specific Imaging Through Stimulated Raman Photoexcitation and Ultrasound Detection: Minireview. Australian Journal of Chemistry, 2012, 65, 260.	0.5	6
133	Imaging neuronal structure dynamics using 2â€photon superâ€resolution patterned excitation reconstruction microscopy. Journal of Biophotonics, 2018, 11, e201700171.	1.1	6
134	RainbowSTORM: an open-source ImageJ plug-in for spectroscopic single-molecule localization microscopy (sSMLM) data analysis and image reconstruction. Bioinformatics, 2020, 36, 4972-4974.	1.8	6
135	Spectroscopic Doppler analysis for visible-light optical coherence tomography. Journal of Biomedical Optics, 2017, 22, 1.	1.4	6
136	Intrinsic spectrally-dependent background in spectroscopic visible-light optical coherence tomography. Biomedical Optics Express, 2021, 12, 110.	1.5	6
137	Stochastic fluorescence switching of nucleic acids under visible light illumination. Optics Express, 2017, 25, 7929.	1.7	5
138	Improving spatial precision and field-of-view in wavelength-tagged single-particle tracking using spectroscopic single-molecule localization microscopy. Applied Optics, 2021, 60, 3647.	0.9	5
139	Targeted deletion of Cyp1b1 in pericytes results in attenuation of retinal neovascularization and trabecular meshwork dysgenesis. Trends in Developmental Biology, 2019, 12, 1-12.	1.0	5
140	Long-term retinal protection by MEK inhibition in Pax6 haploinsufficiency mice. Experimental Eye Research, 2022, 218, 109012.	1.2	5
141	Laser-scanning optical-resolution photoacoustic microscopy. , 2009, , .		4
142	PHOTOACOUSTIC GENERATION OF FOCUSED QUASI-UNIPOLAR PRESSURE PULSES. Journal of Innovative Optical Health Sciences, 2010, 03, 247-253.	0.5	4
143	Special issue introduction: Photoacoustic microscopy. Photoacoustics, 2016, 4, 81-82.	4.4	4
144	Spectroscopic analysis beyond the diffraction limit. International Journal of Biochemistry and Cell Biology, 2018, 101, 113-117.	1.2	4

#	Article	IF	Citations
145	Subâ€10â€‰nm Distance Measurements between Fluorophores using Photonâ€Accumulation Enhanced Reconstruction. Advanced Photonics Research, 2020, 1, 2000038.	1.7	4
146	Accelerating 3D single-molecule localization microscopy using blind sparse inpainting. Journal of Biomedical Optics, 2021, 26, .	1.4	4
147	Super-resolution imaging of flat-mounted whole mouse cornea. Experimental Eye Research, 2021, 205, 108499.	1.2	4
148	Patterned-illumination second harmonic generation microscopy of collagen fibrils in rat scleras. Optics Letters, 2018, 43, 5190.	1.7	4
149	In vivo photoacoustic chorioretinal vascular imaging in albino mouse. Chinese Optics Letters, 2014, 12, 051704-51707.	1.3	4
150	Measuring absolute microvascular blood flow in cortex using visible-light optical coherence tomography. , 2014, 2014, 3881-4.		3
151	Imaging endocervical mucus anatomy and dynamics in macaque female reproductive track using optical coherence tomography. Quantitative Imaging in Medicine and Surgery, 2015, 5, 40-5.	1.1	3
152	Effects of wavelength-dependent fluence attenuation on the noninvasive photoacoustic imaging of hemoglobin oxygen saturation in subcutaneous vasculature in vivo. Proceedings of SPIE, 2008, , .	0.8	2
153	Sub-10-nm imaging of nucleic acids using spectroscopic intrinsic-contrast photon-localization optical nanoscopy (SICLON). Optics Letters, 2018, 43, 5817.	1.7	2
154	Quantitative Image Analysis of Mesoscale Biofilm Structure with Optical Coherence Tomography. Proceedings of the Water Environment Federation, 2015, 2015, 4736-4745.	0.0	2
155	A standardized crush tool to produce consistent retinal ganglion cell damage in mice. Neural Regeneration Research, 2021, 16, 1442.	1.6	1
156	Visible light optical coherence tomography for retinal oximetry. , 2014, , .		1
157	High-speed balanced detection visible-light optical coherence tomography in the human retina. , 2022, , .		1
158	System model for laser-scanning photoacoustic microscopy. , 2009, , .		0
159	Monte Carlo simulation of light transport in dark-field confocal photoacoustic microscopy. , 2009, , .		0
160	Stimulated Raman Photoacoustic Imaging. , 2010, , .		0
161	Chemically-Specific Photoacoustic Imaging using Vibrational Raman Excitation. , 2011, , .		0
162	Feasibility of detecting mineral content in turbid medium using stimulated Raman photoacoustic imaging. Proceedings of SPIE, 2011, , .	0.8	0

#	Article	IF	Citations
163	Simultaneous in vivo imaging of melanin and lipofuscin in the retina with multimodal photoacoustic ophthalmoscopy. , 2012, , .		0
164	In vivo integrated photoacoustic ophthalmoscopy, optical coherence tomography, and scanning laser ophthalmoscopy for retinal imaging. , 2012, , .		0
165	Simultaneous in vivo imaging of dual molecular contrasts in the retina with multimodal photoacoustic ophthalmoscopy. , 2012, , .		0
166	Visible light optical coherence tomography to quantify retinal blood oxygenation. , 2014, , .		0
167	Introduction to the BIOMED 2014 feature issue. Biomedical Optics Express, 2014, 5, 4144.	1.5	0
168	Imaging hemodynamic response after distal middle cerebral artery occlusion with combined laser speckle imaging and visible-light optical coherence tomography. , 2017, , .		0
169	Naturally Combined Photoacoustic Microscopy and Optical Coherence Tomography for Simultaneous Multimodal Imaging. , 2010, , .		0
170	Stimulated Raman Photoacoustic Imaging. , 2010, , .		0
171	Multimodal Retinal Imaging. , 2010, , .		0
172	Random-illuminating Compressed-sensing Photoacoustic Imaging. , 2010, , .		0
173	Optical micro-ring resonator based ultrasonic detector for multimodal photoacoustic microscopy. , 2014, , .		0
174	Photoacoustic microscopy: current situation and new ultrasonic detectors. , 2014, , .		0
175	A video-guided multimodal photoacoustic microscopy for retinal imaging. , 2014, , .		0
176	Imaging cortical hemodynamics using visible-light optical coherence tomography. , 2016, , .		0
177	Monitoring Mouse Cerebral Circulation Oxygenation after Ischemic Stroke Using Visible-Light Optical Coherence Tomography. , 2017, , .		0
178	Visible-light optical coherence tomography investigation into vasculature changes following microprism implantation. , 2019, , .		0
179	Neutrophil Recruitment Correlates to Microvascular Flow Changes in Ischemic Stroke Demonstrated with Visible-light Optical Coherence Tomography. , 2022, , .		0