

# Quing Zhu

## List of Publications by Year in descending order

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151  
papers

4,233  
citations

109321

35  
h-index

133252

59  
g-index

156  
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156  
docs citations

156  
times ranked

3059  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human colorectal cancer tissue assessment using optical coherence tomography catheter and deep learning. <i>Journal of Biophotonics</i> , 2022, 15, e202100349.	2.3	9
2	A review of co-registered transvaginal photoacoustic and ultrasound imaging for ovarian cancer diagnosis. <i>Current Opinion in Biomedical Engineering</i> , 2022, 22, 100381.	3.4	4
3	Prospective Assessment of Adjunctive Ultrasound-Guided Diffuse Optical Tomography in Women Undergoing Breast Biopsy: Impact on BI-RADS Assessments. , 2022, , .		0
4	Auto encoder based deep learning reconstruction for diffuse optical tomography. , 2022, , .		1
5	Difference Imaging From Single Measurements in Diffuse Optical Tomography: A Deep Learning Approach. , 2022, , .		0
6	Diagnosing colorectal abnormalities using scattering coefficient maps acquired from optical coherence tomography. <i>Journal of Biophotonics</i> , 2021, 14, e202000276.	2.3	8
7	Effect and correction of optode coupling errors in breast imaging using diffuse optical tomography. <i>Biomedical Optics Express</i> , 2021, 12, 689.	2.9	3
8	Role of blood oxygenation saturation in ovarian cancer diagnosis using multi-spectral photoacoustic tomography. <i>Journal of Biophotonics</i> , 2021, 14, e202000368.	2.3	16
9	Photoacoustic tomography reconstruction using lag-based delay multiply and sum with a coherence factor improves in vivo ovarian cancer diagnosis. <i>Biomedical Optics Express</i> , 2021, 12, 2250.	2.9	8
10	Fiber endface photoacoustic generator for quantitative photoacoustic tomography. <i>Optics Letters</i> , 2021, 46, 2706.	3.3	2
11	Early Assessment Window for Predicting Breast Cancer Neoadjuvant Therapy using Biomarkers, Ultrasound, and Diffuse Optical Tomography. <i>Breast Cancer Research and Treatment</i> , 2021, 188, 615-630.	2.5	8
12	Assessing Rectal Cancer Treatment Response Using Coregistered Endorectal Photoacoustic and US Imaging Paired with Deep Learning. <i>Radiology</i> , 2021, 299, 349-358.	7.3	17
13	Ultrasound segmentation-guided edge artifact reduction in diffuse optical tomography using connected component analysis. <i>Biomedical Optics Express</i> , 2021, 12, 5320.	2.9	9
14	Machine learning model with physical constraints for diffuse optical tomography. <i>Biomedical Optics Express</i> , 2021, 12, 5720.	2.9	20
15	Rectal Cancer Treatment Management: Deep-Learning Neural Network Based on Photoacoustic Microscopy Image Outperforms Histogram-Feature-Based Classification. <i>Frontiers in Oncology</i> , 2021, 11, 715332.	2.8	2
16	Deep learning-based method to accurately estimate breast tissue optical properties in the presence of the chest wall. <i>Journal of Biomedical Optics</i> , 2021, 26, .	2.6	9
17	Prospective assessment of adjunctive ultrasound-guided diffuse optical tomography in women undergoing breast biopsy: Impact on BI-RADS assessments. <i>European Journal of Radiology</i> , 2021, 145, 110029.	2.6	5
18	Treasure hunt for peptides with undefined chemical modifications: Proteomics identification of differential albumin adducts of 2-nitroimidazole-cyanine green in hypoxic tumor. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4376.	1.6	1

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19	Photoacoustic laser effects in live mouse blastocysts: pilot safety studies of DNA damage from photoacoustic imaging doses. <i>F&amp;S Science</i> , 2020, 1, 53-58.	0.9	3
20	A review of optical breast imaging: Multi-modality systems for breast cancer diagnosis. <i>European Journal of Radiology</i> , 2020, 129, 109067.	2.6	24
21	Adaptive Boosting (AdaBoost)-based multiwavelength spatial frequency domain imaging and characterization for ex vivo human colorectal tissue assessment. <i>Journal of Biophotonics</i> , 2020, 13, e201960241.	2.3	9
22	Real-time colorectal cancer diagnosis using PR-OCT with deep learning. <i>Theranostics</i> , 2020, 10, 2587-2596.	10.0	34
23	Target depth-regularized reconstruction in diffuse optical tomography using ultrasound segmentation as prior information. <i>Biomedical Optics Express</i> , 2020, 11, 3331.	2.9	6
24	Optimal breast cancer diagnostic strategy using combined ultrasound and diffuse optical tomography. <i>Biomedical Optics Express</i> , 2020, 11, 2722.	2.9	13
25	Fiber endface illumination diffuser for endo-cavity photoacoustic imaging. <i>Optics Letters</i> , 2020, 45, 632.	3.3	6
26	Real-time colorectal cancer diagnosis using PR-OCT with deep learning. , 2020, , .		1
27	AdaBoost-based multi-wavelength spatial frequency domain imaging for human colorectal tissue assessment. , 2020, , .		0
28	Dual-modality Photoacoustic and Ultrasound Imaging for Assessing Treatment Response in Colorectal Cancer: a pilot study. , 2020, , .		0
29	Effect of Breast Contour and Optode Coupling Error on Ultrasound-guided Diffuse Optical Tomography. , 2020, , .		0
30	Histogram analysis of en face scattering coefficient map predicts malignancy in human ovarian tissue. <i>Journal of Biophotonics</i> , 2019, 12, e201900115.	2.3	11
31	Optical Resolution Photoacoustic Microscopy of Ovary and Fallopian Tube. <i>Scientific Reports</i> , 2019, 9, 14306.	3.3	17
32	Optimized light delivery probe using ball lenses for co-registered photoacoustic and ultrasound endo-cavity subsurface imaging. <i>Photoacoustics</i> , 2019, 13, 66-75.	7.8	21
33	Photoacoustic imaging with low-cost sources; A review. <i>Photoacoustics</i> , 2019, 14, 1-11.	7.8	90
34	The Angular Spectrum of the Scattering Coefficient Map Reveals Subsurface Colorectal Cancer. <i>Scientific Reports</i> , 2019, 9, 2998.	3.3	13
35	Co-registered photoacoustic and ultrasound imaging of human colorectal cancer. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	13
36	Reducing image artifact in diffuse optical tomography by iterative perturbation correction based on multiwavelength measurements. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	2.6	13

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37	Classification of human ovarian cancer using functional, spectral, and imaging features obtained from in vivo photoacoustic imaging. Biomedical Optics Express, 2019, 10, 2303.	2.9	26
38	Improving DOT reconstruction with a Born iterative method and US-guided sparse regularization. Biomedical Optics Express, 2019, 10, 2528.	2.9	10
39	Co-registered ultrasound Doppler with ultrasound and photoacoustic imaging to improve delineation of ovarian lesion for photoacoustic imaging. , 2019, , .		0
40	Co-registered photoacoustic and ultrasound real-time imaging of colorectal cancer: ex-vivo studies. , 2019, , .		0
41	Optimizing light delivery through ball-shaped multimode fiber tips in co-registered photoacoustic and ultrasound endo-cavity imaging: simulation and experimental validation. , 2019, , .		0
42	Ultrasound and acoustic resolution photoacoustic microscopy: a novel modality for surveilling human rectal cancer after therapy. , 2019, , .		0
43	A multi spectral hand-held spatial frequency domain imaging system for imaging human colorectal cancer. , 2019, , .		1
44	Low-cost ultrasound and optical gelatin-based phantoms. , 2019, , .		3
45	Laser scanning laser diode photoacoustic microscopy system. Photoacoustics, 2018, 9, 1-9.	7.8	50
46	An Automated Preprocessing Method for Diffuse Optical Tomography to Improve Breast Cancer Diagnosis. Technology in Cancer Research and Treatment, 2018, 17, 153303381880279.	1.9	5
47	Evaluation of Ovarian Cancer: Initial Application of Coregistered Photoacoustic Tomography and US. Radiology, 2018, 289, 740-747.	7.3	60
48	Label-free quantitative optical assessment of human colon tissue using spatial frequency domain imaging. Techniques in Coloproctology, 2018, 22, 617-621.	1.8	7
49	Quantitative multispectral ex vivo optical evaluation of human ovarian tissue using spatial frequency domain imaging. Biomedical Optics Express, 2018, 9, 2451.	2.9	12
50	Identifying an early treatment window for predicting breast cancer response to neoadjuvant chemotherapy using immunohistopathology and hemoglobin parameters. Breast Cancer Research, 2018, 20, 56.	5.0	20
51	Compact ultrasound-guided diffuse optical tomography system for breast cancer imaging. Journal of Biomedical Optics, 2018, 24, 1.	2.6	46
52	Feasibility of co-registered ultrasound and acoustic-resolution photoacoustic imaging of human colorectal cancer. Biomedical Optics Express, 2018, 9, 5159.	2.9	53
53	Low-cost compact multispectral spatial frequency domain imaging prototype for tissue characterization. Biomedical Optics Express, 2018, 9, 5503.	2.9	18
54	Diffuse optical tomography reconstruction method using ultrasound images as prior for regularization matrix. Journal of Biomedical Optics, 2017, 22, 026002.	2.6	31

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55	Special Section Guest Editorial: Photoacoustic Imaging and Sensing. Journal of Biomedical Optics, 2017, 22, 041001.	2.6	7
56	Improving breast cancer diagnosis by reducing chest wall effect in diffuse optical tomography. Journal of Biomedical Optics, 2017, 22, 036004.	2.6	7
57	In vivo photoacoustic tumor tomography using a quinoline-annulated porphyrin as NIR molecular contrast agent. Organic and Biomolecular Chemistry, 2017, 15, 972-983.	2.8	31
58	Development of a simultaneous PET/Ultrasound imaging system with near real-time reconstruction capability for point-of-care applications. , 2017, , .		1
59	Two step imaging reconstruction using truncated pseudoinverse as a preliminary estimate in ultrasound guided diffuse optical tomography. Biomedical Optics Express, 2017, 8, 5437.	2.9	21
60	Diffuse optical tomography using semiautomated coregistered ultrasound measurements. Journal of Biomedical Optics, 2017, 22, 1.	2.6	9
61	Treatment of Male Breast Cancer by Dual Human Epidermal Growth Factor Receptor 2 (HER2) Blockade and Response Prediction Using Novel Optical Tomography Imaging: A Case Report. Cureus, 2017, 9, e1481.	0.5	2
62	Automated data selection method to improve robustness of diffuse optical tomography for breast cancer imaging. Biomedical Optics Express, 2016, 7, 4007.	2.9	15
63	Classification and analysis of human ovarian tissue using full field optical coherence tomography. Biomedical Optics Express, 2016, 7, 5182.	2.9	26
64	Cyclic fatigue resistance, torsional resistance, and metallurgical characteristics of V taper 2 and V taper 2H rotary NiTi files. Scanning, 2016, 38, 564-570.	1.5	16
65	Coregistered photoacoustic and ultrasound imaging and classification of ovarian cancer: <i>ex vivo</i> and <i>in vivo</i> studies. Journal of Biomedical Optics, 2016, 21, 046006.	2.6	46
66	Assessment of Functional Differences in Malignant and Benign Breast Lesions and Improvement of Diagnostic Accuracy by Using US-guided Diffuse Optical Tomography in Conjunction with Conventional US. Radiology, 2016, 280, 387-397.	7.3	49
67	Characterizing optical properties and spatial heterogeneity of human ovarian tissue using spatial frequency domain imaging. Journal of Biomedical Optics, 2016, 21, 101402.	2.6	36
68	Synthesis of a 4-nitroimidazole indocyanine dye-conjugate and imaging of tumor hypoxia in BALB/c tumor-bearing female mice. Dyes and Pigments, 2016, 126, 251-260.	3.7	8
69	Ultrasound-Guided Diffuse Optical Tomography for Predicting and Monitoring Neoadjuvant Chemotherapy of Breast Cancers. Ultrasonic Imaging, 2016, 38, 5-18.	2.6	53
70	Correlating optical coherence elastography based strain measurements with collagen content of the human ovarian tissue. Biomedical Optics Express, 2015, 6, 3806.	2.9	16
71	Tuning to optimize SVM approach for assisting ovarian cancer diagnosis with photoacoustic imaging. Bio-Medical Materials and Engineering, 2015, 26, S975-S981.	0.6	10
72	Estimation and imaging of breast lesions using a two-layer tissue structure by ultrasound-guided optical tomography. Journal of Biomedical Optics, 2015, 20, 066002.	2.6	11

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73	Utilizing spatial and spectral features of photoacoustic imaging for ovarian cancer detection and diagnosis. <i>Journal of Biomedical Optics</i> , 2015, 20, 016002.	2.6	15
74	Design of optimal light delivery system for co-registered transvaginal ultrasound and photoacoustic imaging of ovarian tissue. <i>Photoacoustics</i> , 2015, 3, 114-122.	7.8	32
75	Targeting tumor hypoxia: a third generation 2-nitroimidazole-indocyanine dye-conjugate with improved fluorescent yield. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11220-11227.	2.8	30
76	An overview of optical coherence tomography for ovarian tissue imaging and characterization. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2015, 7, 1-16.	6.1	34
77	Pathologic response prediction to neoadjuvant chemotherapy utilizing pretreatment near-infrared imaging parameters and tumor pathologic criteria. <i>Breast Cancer Research</i> , 2014, 16, 456.	5.0	35
78	Design of miniaturized illumination for transvaginal co-registered photoacoustic and ultrasound imaging. <i>Biomedical Optics Express</i> , 2014, 5, 3074.	2.9	29
79	A low-cost photoacoustic microscopy system with a laser diode excitation. <i>Biomedical Optics Express</i> , 2014, 5, 3053.	2.9	71
80	Light-emitting diode-based multiwavelength diffuse optical tomography system guided by ultrasound. <i>Journal of Biomedical Optics</i> , 2014, 19, 126003.	2.6	4
81	Interlaced photoacoustic and ultrasound imaging system with real-time coregistration for ovarian tissue characterization. <i>Journal of Biomedical Optics</i> , 2014, 19, 1.	2.6	24
82	Co-Registered Ultrasound and Photoacoustic Probe with a Miniaturized Light Illumination Scheme for in vivo Ovarian Cancer Imaging. , 2014, , .		3
83	Structurally modified indocyanine green dyes. Modification of the polyene linker. <i>Dyes and Pigments</i> , 2013, 99, 275-283.	3.7	22
84	Breast Cancer: Assessing Response to Neoadjuvant Chemotherapy by Using US-guided Near-Infrared Tomography. <i>Radiology</i> , 2013, 266, 433-442.	7.3	78
85	A three-parameter logistic model to characterize ovarian tissue using polarization-sensitive optical coherence tomography. <i>Biomedical Optics Express</i> , 2013, 4, 772.	2.9	12
86	Characterization of ovarian tissue based on quantitative analysis of photoacoustic microscopy images. <i>Biomedical Optics Express</i> , 2013, 4, 2763.	2.9	34
87	Two-step reconstruction method using global optimization and conjugate gradient for ultrasound-guided diffuse optical tomography. <i>Journal of Biomedical Optics</i> , 2013, 18, 016006.	2.6	16
88	Enhanced fluorescence diffuse optical tomography with indocyanine green-encapsulating liposomes targeted to receptors for vascular endothelial growth factor in tumor vasculature. <i>Journal of Biomedical Optics</i> , 2013, 18, 126014.	2.6	30
89	Indocyanine green enhanced co-registered diffuse optical tomography and photoacoustic tomography. <i>Journal of Biomedical Optics</i> , 2013, 18, 126006.	2.6	26
90	Co-registered pulse-echo/photoacoustic transvaginal probe for real time imaging of ovarian tissue. <i>Journal of Biophotonics</i> , 2013, 6, 475-484.	2.3	39

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91	Quantitative analysis of estimated scattering coefficient and phase retardation for ovarian tissue characterization. <i>Biomedical Optics Express</i> , 2012, 3, 1548.	2.9	17
92	Recognition algorithm for assisting ovarian cancer diagnosis from coregistered ultrasound and photoacoustic images: <i>ex vivo</i> study. <i>Journal of Biomedical Optics</i> , 2012, 17, 126003.	2.6	30
93	FPGA-based reconfigurable processor for ultrafast interlaced ultrasound and photoacoustic imaging. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2012, 59, 1344-1353.	3.0	50
94	Potential Role of Coregistered Photoacoustic and Ultrasound Imaging in Ovarian Cancer Detection and Characterization. <i>Translational Oncology</i> , 2011, 4, 29-37.	3.7	68
95	Potential role of a hybrid intraoperative probe based on OCT and positron detection for ovarian cancer detection and characterization. <i>Biomedical Optics Express</i> , 2011, 2, 1918.	2.9	19
96	Integrated optical coherence tomography, ultrasound and photoacoustic imaging for ovarian tissue characterization. <i>Biomedical Optics Express</i> , 2011, 2, 2551.	2.9	99
97	Time-gating scheme based on a photodiode for single-photon counting. <i>Optics Letters</i> , 2011, 36, 2501.	3.3	2
98	Synthesis and fluorescent characteristics of imidazole- $\pi$ -indocyanine green conjugates. <i>Dyes and Pigments</i> , 2011, 89, 9-15.	3.7	30
99	Fast, limited-data photoacoustic imaging for multiplexed systems using a frequency-domain estimation technique. <i>Medical Physics</i> , 2011, 38, 1503-1518.	3.0	10
100	Artifact reduction method in ultrasound-guided diffuse optical tomography using exogenous contrast agents. <i>Journal of Biomedical Optics</i> , 2011, 16, 046015.	2.6	8
101	Clustered targets imaged by optical tomography guided by ultrasound. <i>Journal of Biomedical Optics</i> , 2011, 16, 076018.	2.6	1
102	Imaging Tumor Oxyhemoglobin and Deoxyhemoglobin Concentrations with Ultrasound-Guided Diffuse Optical Tomography. <i>Technology in Cancer Research and Treatment</i> , 2011, 10, 417-429.	1.9	22
103	Optical scattering coefficient estimated by optical coherence tomography correlates with collagen content in ovarian tissue. <i>Journal of Biomedical Optics</i> , 2011, 16, 090504.	2.6	91
104	Engineering a Health Level Seven Standard Interface and Wireless Infrastructure to Improve the Efficiency of Electrocardiogram Analysis at Hartford Hospital. <i>Journal of Clinical Engineering</i> , 2010, 35, 95-97.	0.1	0
105	Optical tomography method that accounts for tilted chest wall in breast imaging. <i>Journal of Biomedical Optics</i> , 2010, 15, 041515.	2.6	8
106	Light shadowing effect of large breast lesions imaged by optical tomography in reflection geometry. <i>Journal of Biomedical Optics</i> , 2010, 15, 036003.	2.6	8
107	Early-Stage Invasive Breast Cancers: Potential Role of Optical Tomography with US Localization in Assisting Diagnosis. <i>Radiology</i> , 2010, 256, 367-378.	7.3	96
108	Effect of the chest wall on breast lesion reconstruction. <i>Journal of Biomedical Optics</i> , 2009, 14, 044005.	2.6	19

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109	Coregistered three-dimensional ultrasound and photoacoustic imaging system for ovarian tissue characterization. <i>Journal of Biomedical Optics</i> , 2009, 14, 054014.	2.6	63
110	A prototype hybrid intraoperative probe for ovarian cancer detection. <i>Optics Express</i> , 2009, 17, 7245.	3.4	23
111	A real-time photoacoustic tomography system for small animals. <i>Optics Express</i> , 2009, 17, 10489.	3.4	212
112	Noninvasive Monitoring of Breast Cancer during Neoadjuvant Chemotherapy Using Optical Tomography with Ultrasound Localization. <i>Neoplasia</i> , 2008, 10, 1028-1040.	5.3	83
113	Mechanisms of the ultrasonic modulation of fluorescence in turbid media. <i>Journal of Applied Physics</i> , 2008, 104, 103102.	2.5	28
114	Optical Tomography with Ultrasound Localization for Breast Cancer Diagnosis and Treatment Monitoring. <i>Surgical Oncology Clinics of North America</i> , 2007, 16, 307-321.	1.5	31
115	Optimal Probing of Optical Contrast of Breast Lesions of Different Size Located at Different Depths by US Localization. <i>Technology in Cancer Research and Treatment</i> , 2006, 5, 365-380.	1.9	41
116	Optical Tomography with Ultrasound Localization: Initial Clinical Results and Technical Challenges. <i>Technology in Cancer Research and Treatment</i> , 2005, 4, 235-244.	1.9	15
117	Benign versus Malignant Breast Masses: Optical Differentiation with US-guided Optical Imaging Reconstruction. <i>Radiology</i> , 2005, 237, 57-66.	7.3	189
118	Utilizing Optical Tomography with Ultrasound Localization to Image Heterogeneous Hemoglobin Distribution in Large Breast Cancers. <i>Neoplasia</i> , 2005, 7, 263-270.	5.3	155
119	Portable near-infrared diffusive light imager for breast cancer detection. <i>Journal of Biomedical Optics</i> , 2004, 9, 504.	2.6	46
120	Digital signal processor-based real-time optical Doppler tomography system. <i>Journal of Biomedical Optics</i> , 2004, 9, 454.	2.6	20
121	Modeling of Noninvasive Microwave Characterization of Breast Tumors. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1089-1094.	4.2	42
122	Power-efficient grating-based scanning optical delay line: time-domain configuration. <i>Electronics Letters</i> , 2004, 40, 97.	1.0	8
123	Emission and absorption properties of indocyanine green in Intralipid solution. <i>Journal of Biomedical Optics</i> , 2004, 9, 497.	2.6	117
124	Dual-mesh optical tomography reconstruction method with a depth correction that uses a priori ultrasound information. <i>Applied Optics</i> , 2004, 43, 1654.	2.1	45
125	Imaging tumor angiogenesis by use of combined near-infrared diffusive light and ultrasound. <i>Optics Letters</i> , 2003, 28, 337.	3.3	158
126	Doppler angle and flow velocity mapping by combined Doppler shift and Doppler bandwidth measurements in optical Dopplertomography. <i>Optics Letters</i> , 2003, 28, 1120.	3.3	34



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127	Simultaneous optical coherence tomography imaging and beta particle detection. Optics Letters, 2003, 28, 1704.	3.3	15
128	Time-resolved diffusive optical imaging using pseudo-random bit sequences. Optics Express, 2003, 11, 3445.	3.4	22
129	Ultrasound-Guided Optical Tomographic Imaging of Malignant and Benign Breast Lesions: Initial Clinical Results of 19 Cases. Neoplasia, 2003, 5, 379-388.	5.3	144
130	Rotary mirror array for high-speed optical coherence tomography. Optics Letters, 2002, 27, 607.	3.3	38
131	Time-resolved optical measurements with spread spectrum excitation. Optics Letters, 2002, 27, 1806.	3.3	22
132	Near Infrared Diffusive Light Imaging with Ultrasound Localization. Optics and Photonics News, 2001, 12, 31.	0.5	0
133	Simultaneous near-infrared diffusive light and ultrasound imaging. Applied Optics, 2001, 40, 6367.	2.1	84
134	Adhesion of Human Osteoblasts on Root-End Filling Materials. Journal of Endodontics, 2000, 26, 404-406.	3.1	175
135	Cytotoxic evaluation of root-end filling materials in cultures of human osteoblast-like cells and periodontal ligament cells. Journal of Endodontics, 1999, 25, 410-412.	3.1	19
136	Imager that combines near-infrared diffusive light and ultrasound. Optics Letters, 1999, 24, 1050.	3.3	91
137	The role of integrin $\alpha 21$ in human dental pulp cell adhesion on laminin and fibronectin. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1998, 85, 314-318.	1.4	3
138	Integrin expression in human dental pulp cells and their role in cell attachment on extracellular matrix proteins. Journal of Endodontics, 1998, 24, 641-644.	3.1	12
139	Calreticulin-Integrin Bidirectional Signaling Complex. Biochemical and Biophysical Research Communications, 1997, 232, 354-358.	2.1	61
140	Combined ultrasound and near infrared diffusive light imaging. , 0, , .		4
141	Novel image reconstruction algorithm for NIR diffusive tomography. , 0, , .		0
142	Beamforming scheme and parameter tradeoff in a 1.75 D ultrasound array design. , 0, , .		0
143	Preliminary experiment results of a 1.75D ultrasound array. , 0, , .		0
144	Imaging of fluid flow velocity using Doppler optical coherence tomography: preliminary results. , 0, , .		0

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145	Elevation beamforming performance of a 1.75 D array. , 0, , .		2
146	Coherent artifacts in optical coherence tomography: observation and cancellation. , 0, , .		2
147	The design of a 1.75-D 1280-channel ultrasound imaging system. , 0, , .		3
148	Optical Doppler coherence tomography algorithms: quantitative analysis. , 0, , .		0
149	2-D NIR imaging reconstruction with ultrasound guidance. , 0, , .		0
150	Breast tumor characterization via complex natural resonances. , 0, , .		10
151	A Novel Electronic Architecture Used to Support Biomedical Photo-Acoustic Imaging. , 0, , .		2