

# Jorge Ripoll

## List of Publications by Year in descending order

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163  
papers

7,143  
citations

81743

39  
h-index

60497

81  
g-index

166  
all docs

166  
docs citations

166  
times ranked

5902  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-invasive visualization of amyloid-beta deposits in Alzheimer amyloidosis mice using magnetic resonance imaging and fluorescence molecular tomography. <i>Biomedical Optics Express</i> , 2022, 13, 3809.	1.5	8
2	Smart Toolkit for Fluorescence Tomography: Simulation, Reconstruction, and Validation. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 16-26.	2.5	11
3	Recent advances in optical tomography in low scattering media. <i>Optics and Lasers in Engineering</i> , 2020, 135, 106191.	2.0	4
4	Biomedical Applications of Tissue Clearing and Three-Dimensional Imaging in Health and Disease. <i>IScience</i> , 2020, 23, 101432.	1.9	67
5	Optical Properties of Tissues in the Near Infrared: Their Relevance for Optical Bioimaging. , 2020, , 1-20.		2
6	Multimodal imaging combining time-domain near-infrared optical tomography and continuous-wave fluorescence molecular tomography. <i>Optics Express</i> , 2020, 28, 9860.	1.7	13
7	Qualitative disorder measurements from backscattering spectra through an optical fiber. <i>Biomedical Optics Express</i> , 2020, 11, 6038.	1.5	0
8	Applications of Light-Sheet Microscopy in Microdevices. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 1.	0.9	81
9	Simulation of fluorescence molecular tomography using a registered digital mouse atlas. , 2019, , .		1
10	High resolution 3D imaging of primary and secondary tumor spheroids using multicolor multi-angle Light Sheet Fluorescence Microscopy (LSFM). , 2019, , .		2
11	Demonstrating Improved Multiple Transportâ€Meanâ€Freeâ€Path Imaging Capabilities of Light Sheet Microscopy in the Quantification of Fluorescence Dynamics. <i>Biotechnology Journal</i> , 2018, 13, 1700419.	1.8	6
12	Optical projection tomography via phase retrieval algorithms. <i>Methods</i> , 2018, 136, 81-89.	1.9	11
13	Mutations in <i>Bcl9</i> and <i>Pygo</i> genes cause congenital heart defects by tissue-specific perturbation of Wnt/ $\beta$ 2-catenin signaling. <i>Genes and Development</i> , 2018, 32, 1443-1458.	2.7	43
14	Projection tomography in the NIR-IIa window: challenges, advantages, and comparison with classical optical approach. , 2018, , .		0
15	Photoswitching-Enabled Contrast Enhancement in Light Sheet Fluorescence Microscopy. <i>ACS Photonics</i> , 2017, 4, 424-428.	3.2	12
16	Optimized CUBIC protocol for 3D imaging of chicken embryos at single-cell resolution. <i>Development (Cambridge)</i> , 2017, 144, 2092-2097.	1.2	35
17	Antigen Availability and DOCK2-Driven Motility Govern CD4+ T Cell Interactions with Dendritic Cells In Vivo. <i>Journal of Immunology</i> , 2017, 199, 520-530.	0.4	21
18	Fluorescence Diffusion in the Presence of Optically Clear Tissues in a Mouse Head Model. <i>IEEE Transactions on Medical Imaging</i> , 2017, 36, 1086-1093.	5.4	7

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19	Phase-Retrieved Tomography enables Mesoscopic imaging of Opaque Tumor Spheroids. Scientific Reports, 2017, 7, 11854.	1.6	14
20	Looking inside the heart: a see-through view of the vascular tree. Biomedical Optics Express, 2017, 8, 3110.	1.5	21
21	3D imaging in CUBIC-cleared mouse heart tissue: going deeper. Biomedical Optics Express, 2016, 7, 3716.	1.5	33
22	Polarization-sensitive optical projection tomography for muscle fiber imaging. Scientific Reports, 2016, 6, 19241.	1.6	4
23	The role of cerebral spinal fluid in light propagation through the mouse head: improving fluorescence tomography with Monte Carlo modeling. , 2016, , .		2
24	Uniqueness in multispectral constant-wave epi-illumination imaging. Optics Letters, 2016, 41, 3098.	1.7	3
25	Stripe artifact elimination based on nonsubsampling contourlet transform for light sheet fluorescence microscopy. Journal of Biomedical Optics, 2016, 21, 106005.	1.4	28
26	pMHC affinity controls duration of CD8+ T cell-DC interactions and imprints timing of effector differentiation versus expansion. Journal of Experimental Medicine, 2016, 213, 2811-2829.	4.2	101
27	Light sheet fluorescence microscopy for in situ cell interaction analysis in mouse lymph nodes. Journal of Immunological Methods, 2016, 431, 1-10.	0.6	27
28	Quantitative performance characterization of three-dimensional noncontact fluorescence molecular tomography. Journal of Biomedical Optics, 2016, 21, 026009.	1.4	6
29	Dynamic Measurement of Tumor Vascular Permeability and Perfusion using a Hybrid System for Simultaneous Magnetic Resonance and Fluorescence Imaging. Molecular Imaging and Biology, 2016, 18, 191-200.	1.3	14
30	Diffuse Light at Surfaces: Tips, Tricks and Applications. , 2016, , .		0
31	In-vivo Optical Tomography of Small Scattering Specimens: time-lapse 3D imaging of the head eversion process in Drosophila melanogaster. Scientific Reports, 2015, 4, 7325.	1.6	31
32	Advances in optical imaging for pharmacological studies. Frontiers in Pharmacology, 2015, 6, 189.	1.6	47
33	Fluorescence multi-scale endoscopy and its applications in the study and diagnosis of gastro-intestinal diseases: set-up design and software implementation. Proceedings of SPIE, 2015, , .	0.8	0
34	Light propagation through weakly scattering media: a study of Monte Carlo vs. diffusion theory with application to neuroimaging. Proceedings of SPIE, 2015, , .	0.8	1
35	Coherent noise remover for optical projection tomography. Proceedings of SPIE, 2015, , .	0.8	0
36	Unleashing Optics and Optoacoustics for Developmental Biology. Trends in Biotechnology, 2015, 33, 679-691.	4.9	21

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37	Fluorescent Molecular Tomography for In Vivo Imaging of Mouse Atherosclerosis. <i>Methods in Molecular Biology</i> , 2015, 1339, 367-376.	0.4	5
38	A Customized Light Sheet Microscope to Measure Spatio-Temporal Protein Dynamics in Small Model Organisms. <i>PLoS ONE</i> , 2015, 10, e0127869.	1.1	25
39	Optical projection tomography and light sheet microscopy for imaging in biological specimens a comparison study. , 2014, , .		0
40	Plenoptic projection fluorescence tomography. <i>Optics Express</i> , 2014, 22, 23215.	1.7	4
41	Vertically scanned laser sheet microscopy. <i>Journal of Biomedical Optics</i> , 2014, 19, 1.	1.4	12
42	Steady-state total diffuse reflectance with an exponential decaying source. <i>Optics Letters</i> , 2014, 39, 3919.	1.7	2
43	Automated Recovery of the Center of Rotation in Optical Projection Tomography in the Presence of Scattering. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2013, 17, 198-204.	3.9	31
44	Analysis of the rotational center location method in Optical Projection Tomography. , 2013, 2013, 3008-11.		2
45	Longitudinal in vivo imaging of bone formation and resorption using fluorescence molecular tomography. <i>Bone</i> , 2013, 52, 587-595.	1.4	15
46	Light transport in turbid media with non-scattering, low-scattering and high absorption heterogeneities based on hybrid simplified spherical harmonics with radiosity model. <i>Biomedical Optics Express</i> , 2013, 4, 2209.	1.5	16
47	Helical optical projection tomography. <i>Optics Express</i> , 2013, 21, 25912.	1.7	36
48	Feasibility study of endoscopic x-ray luminescence computed tomography: Simulation demonstration and phantom application. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	8
49	Development of a three-dimensional surface imaging system for melanocytic skin lesion evaluation. <i>Journal of Biomedical Optics</i> , 2013, 18, 016009.	1.4	3
50	Use of Split Bregman denoising for iterative reconstruction in fluorescence diffuse optical tomography. <i>Journal of Biomedical Optics</i> , 2013, 18, 076016.	1.4	27
51	Employing in-vivo molecular imaging in simulating and validating tumor growth. , 2013, 2013, 5533-6.		3
52	Kinetics of T-cell receptor-dependent antigen recognition determined <i>in vivo</i> by multi-spectral normalized epifluorescence laser scanning. <i>Journal of Biomedical Optics</i> , 2012, 17, 0760131.	1.4	1
53	Tomographic imaging with polarized light. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2012, 29, 980.	0.8	12
54	A new in vivo model to test anti-tuberculosis drugs using fluorescence imaging. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1948-1960.	1.3	78

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55	Influence of absorption and scattering on the quantification of fluorescence diffuse optical tomography using normalized data. <i>Journal of Biomedical Optics</i> , 2012, 17, 036013.	1.4	14
56	Prehistological evaluation of benign and malignant pigmented skin lesions with optical computed tomography. <i>Journal of Biomedical Optics</i> , 2012, 17, 066004.	1.4	8
57	Automated Motion Correction for In Vivo Optical Projection Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 1358-1371.	5.4	21
58	Multimodal imaging of pancreatic beta cells in vivo by targeting transmembrane protein 27 (TMEM27). <i>Diabetologia</i> , 2012, 55, 2407-2416.	2.9	25
59	Light, sound, chemistry action: state of the art optical methods for animal imaging. <i>Drug Discovery Today: Technologies</i> , 2011, 8, e79-e86.	4.0	3
60	Derivation of the scalar radiative transfer equation from energy conservation of Maxwell's equations in the far field. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2011, 28, 1765.	0.8	11
61	Improved reconstructions and generalized filtered back projection for optical projection tomography. <i>Applied Optics</i> , 2011, 50, 392.	2.1	35
62	Spectroscopic detection improves multi-color quantification in fluorescence tomography. <i>Biomedical Optics Express</i> , 2011, 2, 431.	1.5	18
63	Feasibility of U-curve method to select the regularization parameter for fluorescence diffuse optical tomography in phantom and small animal studies. <i>Optics Express</i> , 2011, 19, 11490.	1.7	32
64	Fluorescence Molecular Tomography: Principles and Potential for Pharmaceutical Research. <i>Pharmaceutics</i> , 2011, 3, 229-274.	2.0	137
65	Fluorescence diffuse optical tomography using the split Bregman method. <i>Medical Physics</i> , 2011, 38, 6275-6284.	1.6	57
66	Hybrid Small Animal Imaging System Combining Magnetic Resonance Imaging With Fluorescence Tomography Using Single Photon Avalanche Diode Detectors. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 1265-1273.	5.4	64
67	Technical Note: A fast laser-based optical CT scanner for three-dimensional radiation dosimetry. <i>Medical Physics</i> , 2011, 38, 830-835.	1.6	9
68	Microscopic Optical Projection Tomography In Vivo. <i>PLoS ONE</i> , 2011, 6, e18963.	1.1	50
69	A New Optical-CT Apparatus for 3-D Radiotherapy Dosimetry: Is Free Space Scanning Feasible?. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 1204-1212.	5.4	24
70	Optimisation of Bioluminescent Reporters for Use with Mycobacteria. <i>PLoS ONE</i> , 2010, 5, e10777.	1.1	289
71	Development of in-vivo fluorescence imaging with the Matrix-Free method. <i>Journal of Physics: Conference Series</i> , 2010, 255, 012006.	0.3	5
72	The impact of stress on tumor growth: peripheral CRF mediates tumor-promoting effects of stress. <i>Molecular Cancer</i> , 2010, 9, 261.	7.9	24

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73	Intravital spectral imaging as a tool for accurate measurement of vascularization in mice. Journal of Angiogenesis Research, 2010, 2, 22.	2.9	0
74	Correction for specimen movement and rotation errors for in-vivo Optical Projection Tomography. Biomedical Optics Express, 2010, 1, 87.	1.5	59
75	3D reconstruction of light flux distribution on arbitrary surfaces from 2D multi-photographic images. Optics Express, 2010, 18, 19876.	1.7	54
76	Source intensity profile in noncontact optical tomography. Optics Letters, 2010, 35, 34.	1.7	13
77	Hybrid Fourier-real space method for diffuse optical tomography. Optics Letters, 2010, 35, 688.	1.7	27
78	Sensitive Detection of Gene Expression in Mycobacteria under Replicating and Non-Replicating Conditions Using Optimized Far-Red Reporters. PLoS ONE, 2010, 5, e9823.	1.1	167
79	A Novel Hybrid Imaging System for Simultaneous Fluorescence Molecular Tomography and Magnetic Resonance Imaging. , 2010, , .		2
80	Correction of Lateral Movement and Spherical Aberrations in Optical Projection Tomography. , 2010, , .		1
81	FDOT reconstruction and setting optimization using singular value analysis with automatic thresholding. , 2009, , .		1
82	Scanning illumination-acquisition system for noncontact optical tomography. Journal of Biomedical Optics, 2009, 14, 024003.	1.4	2
83	In vivo optical tomography: From diffusion to ballistic. Optical Materials, 2009, 31, 1082-1085.	1.7	10
84	A study of photon propagation in free-space based on hybrid radiosity-radiance theorem. Optics Express, 2009, 17, 16266.	1.7	17
85	MULTISPECTRAL UNMIXING OF FLUORESCENCE MOLECULAR TOMOGRAPHY DATA. Journal of Innovative Optical Health Sciences, 2009, 02, 353-364.	0.5	5
86	Investigation of binding mechanisms of nuclear proteins using confocal scanning laser microscopy and FRAP. Journal of Theoretical Biology, 2008, 253, 755-768.	0.8	12
87	Surface Reconstruction for Free-Space $360^{\circ}$ Fluorescence Molecular Tomography and the Effects of Animal Motion. IEEE Transactions on Medical Imaging, 2008, 27, 188-194.	5.4	34
88	Maximum likelihood reconstruction for fluorescence Optical Projection Tomography. , 2008, , .		1
89	Noise reduction in fluorescence Optical Projection Tomography. , 2008, , .		1
90	Investigating Pharmacology In Vivo Using Magnetic Resonance and Optical Imaging. Drugs in R and D, 2008, 9, 277-306.	1.1	18

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91	Weighted filtered backprojection for quantitative fluorescence optical projection tomography. <i>Physics in Medicine and Biology</i> , 2008, 53, 3863-3881.	1.6	33
92	3D multi-modal registration for assessing molecular activity changes in time-dependent geometries. , 2008, 2008, 3975-8.		1
93	Design and development of a co-planar fluorescence and X-ray tomograph. , 2008, , .		2
94	Imaging Changes in Lymphoid Organs In Vivo after Brain Ischemia with Three-Dimensional Fluorescence Molecular Tomography in Transgenic Mice Expressing Green Fluorescent Protein in T Lymphocytes. <i>Molecular Imaging</i> , 2008, 7, 7290.2008.00016.	0.7	33
95	Multi-spectral imaging of tissue-specific fluorescence tomography data. , 2008, , .		1
96	In vivo FMT and Oxymetry measurements for combined imaging of tumor physiology and function. , 2008, , .		0
97	Imaging changes in lymphoid organs in vivo after brain ischemia with three-dimensional fluorescence molecular tomography in transgenic mice expressing green fluorescent protein in T lymphocytes. <i>Molecular Imaging</i> , 2008, 7, 157-67.	0.7	19
98	Radiotherapy dosimetry assessment with optical projection tomography. , 2007, 6629, 285.		0
99	360° free space fluorescence molecular tomography using silhouette surface reconstruction. <i>Proceedings of SPIE</i> , 2007, 6629, 240.	0.8	0
100	Autofluorescence removal from fluorescence tomography data using multispectral imaging. <i>Proceedings of SPIE</i> , 2007, 6626, 77.	0.8	5
101	Spectral unmixing of multi-color tissue specific in vivo fluorescence in mice. <i>Proceedings of SPIE</i> , 2007, , .	0.8	1
102	Free-space fluorescence molecular tomography utilizing 360° geometry projections. <i>Optics Letters</i> , 2007, 32, 382.	1.7	180
103	Noncontact optical imaging in mice with full angular coverage and automatic surface extraction. <i>Applied Optics</i> , 2007, 46, 3617.	2.1	65
104	Three-Dimensional in Vivo Imaging of Green Fluorescent Protein-Expressing T Cells in Mice with Noncontact Fluorescence Molecular Tomography. <i>Molecular Imaging</i> , 2007, 6, 7290.2007.00007.	0.7	44
105	Three-dimensional in vivo imaging of green fluorescent protein-expressing T cells in mice with noncontact fluorescence molecular tomography. <i>Molecular Imaging</i> , 2007, 6, 96-107.	0.7	27
106	Normalized Transillumination of Fluorescent Proteins in Small Animals. <i>Molecular Imaging</i> , 2006, 5, 7290.2006.00018.	0.7	27
107	3D in vivo imaging of GFP-expressing T-cells in mice with non-contact fluorescence molecular tomography. , 2006, , .		1
108	Diffuse photon propagation in multilayered geometries. <i>Physics in Medicine and Biology</i> , 2006, 51, 497-516.	1.6	56

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109	From Finite to Infinite Volumes: Removal of Boundaries in Diffuse Wave Imaging. Physical Review Letters, 2006, 96, 173903.	2.9	25
110	Autofluorescence removal from fluorescence molecular tomography data. , 2006, , .		0
111	Radiation Therapy Dosimetry With Optical Computed Tomography and MR Scanning. , 2006, , .		0
112	Looking and listening to light: the evolution of whole-body photonic imaging. Nature Biotechnology, 2005, 23, 313-320.	9.4	1,482
113	Planar fluorescence imaging using normalized data. Journal of Biomedical Optics, 2005, 10, 064007.	1.4	80
114	Optical characterization of thin female breast biopsies based on the reduced scattering coefficient. Physics in Medicine and Biology, 2005, 50, 2583-2596.	1.6	16
115	Quantitative point source photoacoustic inversion formulas for scattering and absorbing media. Physical Review E, 2005, 71, 031912.	0.8	71
116	Fluorescence spectroscopy in tissue phantoms for improved depth resolution in tissue imaging. , 2005, , .		0
117	A multi-projection non-contact tomography setup for imaging arbitrary geometries. , 2005, , .		3
118	3D in-vivo imaging of GFP-expressing T-cells in mice with non-contact fluorescence molecular tomography (Invited Paper). , 2005, , .		1
119	Image analysis for assessing molecular activity changes in time-dependent geometries. IEEE Transactions on Medical Imaging, 2005, 24, 894-900.	5.4	13
120	Volumetric tomography of fluorescent proteins through small animals in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18252-18257.	3.3	112
121	Fluorescent protein tomography scanner for small animal imaging. IEEE Transactions on Medical Imaging, 2005, 24, 878-885.	5.4	87
122	Accuracy of fluorescent tomography in the presence of heterogeneities: study of the normalized born ratio. IEEE Transactions on Medical Imaging, 2005, 24, 1377-1386.	5.4	214
123	Experimental determination of photon propagation in highly absorbing and scattering media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2005, 22, 546.	0.8	49
124	Complete-angle projection diffuse optical tomography by use of early photons. Optics Letters, 2005, 30, 409.	1.7	91
125	A multiprojection noncontact fluorescence tomography setup for imaging arbitrary geometries. , 2005, , .		1
126	Characterization of the reduced scattering coefficient for optically thin samples: theory and experiments. Journal of Optics, 2004, 6, 725-735.	1.5	13



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127	Experimental Fluorescence Tomography of Tissues With Noncontact Measurements. IEEE Transactions on Medical Imaging, 2004, 23, 492-500.	5.4	155
128	IMAGING SCATTERING MEDIA FROM A DISTANCE: THEORY AND APPLICATIONS OF NONCONTACT OPTICAL TOMOGRAPHY. Modern Physics Letters B, 2004, 18, 1403-1431.	1.0	63
129	Visualization of antitumor treatment by means of fluorescence molecular tomography with an annexin V-Cy5.5 conjugate. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12294-12299.	3.3	355
130	<title>Optical molecular imaging</title>. , 2004, , .		2
131	<title>Noncontact diffuse optical tomography</title>. , 2004, 5474, 215.		0
132	Singular-value analysis and optimization of experimental parameters in fluorescence molecular tomography. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2004, 21, 231.	0.8	83
133	Optimal tuning of lasing modes through collective particle resonance. Journal of the Optical Society of America B: Optical Physics, 2004, 21, 141.	0.9	20
134	Early-photon tomographic imaging with 360-degree sample rotation. , 2004, , .		1
135	Three-dimensional fluorescent tomography in presence of absorption: Study of the normalized Born approximation. , 2004, , .		2
136	Three-dimensional optical tomography of fluorescent proteins in the visible. , 2004, , .		0
137	Non-contact fluorescence molecular tomography (FMT) of small animals. , 2004, , .		0
138	Noncontact optical tomography of turbid media. Optics Letters, 2003, 28, 1701.	1.7	118
139	Iterative boundary method for diffuse optical tomography. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2003, 20, 1103.	0.8	30
140	A submillimeter resolution fluorescence molecular imaging system for small animal imaging. Medical Physics, 2003, 30, 901-911.	1.6	369
141	In vivo continuous-wave optical breast imaging enhanced with Indocyanine Green. Medical Physics, 2003, 30, 1039-1047.	1.6	230
142	Free-Space Propagation of Diffuse Light: Theory and Experiments. Physical Review Letters, 2003, 91, 103901.	2.9	120
143	Optical characterization of small biopsy samples. , 2003, , .		0
144	Would near-infrared fluorescence signals propagate through large human organs for clinical studies?. Optics Letters, 2002, 27, 333.	1.7	154

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145	Fast analytical approximation for arbitrary geometries in diffuse optical tomography. Optics Letters, 2002, 27, 527.	1.7	68
146	Would near-infrared fluorescence signals propagate through large human organs for clinical studies?â€“Errata. Optics Letters, 2002, 27, 1652.	1.7	16
147	In Vivo Tomographic Imaging of Near-Infrared Fluorescent Probes. Molecular Imaging, 2002, 1, 153535002002011.	0.7	11
148	In Vivo Tomographic Imaging of Near-Infrared Fluorescent Probes. Molecular Imaging, 2002, 1, 82-88.	0.7	129
149	The Kirchhoff Approximation in diffuse optical tomography. , 2002, , .		0
150	In-vivo Molecular Investigations of Live Tissues Using Diffracting Sources. Lecture Notes in Computer Science, 2002, , 739-745.	1.0	0
151	Recovery of optical parameters in multiple-layered diffusive media: theory and experiments. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 821.	0.8	57
152	Effect of roughness in nondiffusive regions within diffusive media. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2001, 18, 940.	0.8	8
153	<title>Effect of multiple layers on diffuse optical tomography</title>. , 2001, , .		0
154	<title>Kirchhoff approximation in diffusive media with arbitrary geometry</title>. , 2001, , .		1
155	<title>Experimental demonstration of a fast analytical method for modeling photon propagation in diffusive media with arbitrary geometry</title>. , 2001, , .		1
156	Kirchhoff approximation for diffusive waves. Physical Review E, 2001, 64, 051917.	0.8	48
157	<title>Effect of roughness in nondiffusive regions within diffusive media</title>. , 2000, 4160, 185.		0
158	Boundary conditions for light propagation in diffusive media with nonscattering regions. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2000, 17, 1671.	0.8	59
159	Scattering integral equations for diffusive waves: detection of objects buried in diffusive media in the presence of rough interfaces. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1999, 16, 1453.	0.8	20
160	Spatial resolution of diffuse photon density waves. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1999, 16, 1466.	0.8	37
161	Scattering of electromagnetic waves from a body over a random rough surface. Optics Communications, 1997, 142, 173-178.	1.0	16
162	Optical spectroscopy of Nd <sup>3+</sup> -doped KGd(WO <sub>4</sub> ) <sub>2</sub> monocrystals. Journal of Luminescence, 1997, 72-74, 253-254.	1.5	7

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163	Diffuse optical tomography of breast with non-specific contrast agent. , 0, , .		1