

Jari P Kaipio

List of Publications by Year in descending order

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162
papers

5,345
citations

109137

35
h-index

98622

67
g-index

165
all docs

165
docs citations

165
times ranked

3192
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical inverse problems: Discretization, model reduction and inverse crimes. <i>Journal of Computational and Applied Mathematics</i> , 2007, 198, 493-504.	1.1	412
2	Three-dimensional electrical impedance tomography based on the complete electrode model. <i>IEEE Transactions on Biomedical Engineering</i> , 1999, 46, 1150-1160.	2.5	291
3	Statistical inversion and Monte Carlo sampling methods in electrical impedance tomography. <i>Inverse Problems</i> , 2000, 16, 1487-1522.	1.0	282
4	A MATLAB package for the EIDORS project to reconstruct two-dimensional EIT images. <i>Physiological Measurement</i> , 2001, 22, 107-111.	1.2	213
5	Electrical Resistance Tomography imaging of concrete. <i>Cement and Concrete Research</i> , 2010, 40, 137-145.	4.6	188
6	A Kalman filter approach to track fast impedance changes in electrical impedance tomography. <i>IEEE Transactions on Biomedical Engineering</i> , 1998, 45, 486-493.	2.5	154
7	Assessment of errors in static electrical impedance tomography with adjacent and trigonometric current patterns. <i>Physiological Measurement</i> , 1997, 18, 289-303.	1.2	134
8	Computational Aspects of the Ultra-Weak Variational Formulation. <i>Journal of Computational Physics</i> , 2002, 182, 27-46.	1.9	131
9	Statistical inversion for medical x-ray tomography with few radiographs: I. General theory. <i>Physics in Medicine and Biology</i> , 2003, 48, 1437-1463.	1.6	123
10	The Bayesian Framework for Inverse Problems in Heat Transfer. <i>Heat Transfer Engineering</i> , 2011, 32, 718-753.	1.2	112
11	Compensation of Modelling Errors Due to Unknown Domain Boundary in Electrical Impedance Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 231-242.	5.4	110
12	Time-series estimation of biological factors in optical diffusion tomography. <i>Physics in Medicine and Biology</i> , 2003, 48, 1491-1504.	1.6	108
13	Dynamic physiological modeling for functional diffuse optical tomography. <i>NeuroImage</i> , 2006, 30, 88-101.	2.1	105
14	Coupled radiative transfer equation and diffusion approximation model for photon migration in turbid medium with low-scattering and non-scattering regions. <i>Physics in Medicine and Biology</i> , 2005, 50, 4913-4930.	1.6	100
15	Simultaneous reconstruction of electrode contact impedances and internal electrical properties: I. Theory. <i>Measurement Science and Technology</i> , 2002, 13, 1848-1854.	1.4	91
16	Compensation of errors due to discretization, domain truncation and unknown contact impedances in electrical impedance tomography. <i>Measurement Science and Technology</i> , 2009, 20, 105504.	1.4	84
17	Hybrid radiative-transfer–diffusion model for optical tomography. <i>Applied Optics</i> , 2005, 44, 876.	2.1	80
18	Generalized optimal current patterns and electrical safety in EIT. <i>Physiological Measurement</i> , 2001, 22, 85-90.	1.2	70

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19	Sparsity reconstruction in electrical impedance tomography: An experimental evaluation. <i>Journal of Computational and Applied Mathematics</i> , 2012, 236, 2126-2136.	1.1	70
20	Approximation errors and truncation of computational domains with application to geophysical tomography. <i>Inverse Problems and Imaging</i> , 2007, 1, 371-389.	0.6	69
21	Effects of local skull inhomogeneities on EEG source estimation. <i>Medical Engineering and Physics</i> , 1999, 21, 143-154.	0.8	67
22	MARGINALIZATION OF UNINTERESTING DISTRIBUTED PARAMETERS IN INVERSE PROBLEMS—APPLICATION TO DIFFUSE OPTICAL TOMOGRAPHY. , 2011, 1, 1-17.		62
23	Compensation for geometric mismodelling by anisotropies in optical tomography. <i>Optics Express</i> , 2005, 13, 296.	1.7	60
24	Subspace regularization method for the single-trial estimation of evoked potentials. <i>IEEE Transactions on Biomedical Engineering</i> , 1999, 46, 849-860.	2.5	59
25	State-estimation approach to the nonstationary optical tomography problem. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2003, 20, 876.	0.8	59
26	The Ultra-Weak Variational Formulation for Elastic Wave Problems. <i>SIAM Journal of Scientific Computing</i> , 2004, 25, 1717-1742.	1.3	57
27	Approximation errors in nonstationary inverse problems. <i>Inverse Problems and Imaging</i> , 2007, 1, 77-93.	0.6	57
28	Finite element model for the coupled radiative transfer equation and diffusion approximation. <i>International Journal for Numerical Methods in Engineering</i> , 2006, 65, 383-405.	1.5	56
29	Bayesian Approach to Tree Detection Based on Airborne Laser Scanning Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014, 52, 2690-2699.	2.7	56
30	Estimation of non-stationary region boundaries in EIT—state estimation approach. <i>Inverse Problems</i> , 2001, 17, 1937-1956.	1.0	52
31	RECONSTRUCTION OF DOMAIN BOUNDARY AND CONDUCTIVITY IN ELECTRICAL IMPEDANCE TOMOGRAPHY USING THE APPROXIMATION ERROR APPROACH. , 2011, 1, 203-222.		49
32	Bayesian Image Reconstruction in Quantitative Photoacoustic Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 2287-2298.	5.4	48
33	Approximation errors and model reduction in three-dimensional diffuse optical tomography. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2009, 26, 2257.	0.8	45
34	State Estimation in Time-Varying Electrical Impedance Tomography. <i>Annals of the New York Academy of Sciences</i> , 1999, 873, 430-439.	1.8	40
35	Scanning path optimization for ultrasound surgery. <i>Physics in Medicine and Biology</i> , 2005, 50, 3473-3490.	1.6	39
36	Bayesian Estimation of Temperature-Dependent Thermophysical Properties and Transient Boundary Heat Flux. <i>Heat Transfer Engineering</i> , 2010, 31, 570-580.	1.2	38

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37	Real time three-dimensional electrical impedance tomography applied in multiphase flow imaging. Measurement Science and Technology, 2006, 17, 2083-2087.	1.4	37
38	Direct Estimation of Optical Parameters From Photoacoustic Time Series in Quantitative Photoacoustic Tomography. IEEE Transactions on Medical Imaging, 2016, 35, 2497-2508.	5.4	35
39	Effects of electrode properties on EEG measurements and a related inverse problem. Medical Engineering and Physics, 2000, 22, 535-545.	0.8	34
40	Image reconstruction in diffuse optical tomography using the coupled radiative transport–diffusion model. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 2600-2608.	1.1	34
41	Reconstruction of thermal conductivity and heat capacity using a tomographic approach. International Journal of Heat and Mass Transfer, 2007, 50, 5150-5160.	2.5	32
42	The perfectly matched layer for the ultra weak variational formulation of the 3D Helmholtz equation. International Journal for Numerical Methods in Engineering, 2004, 61, 1072-1092.	1.5	31
43	Determination of heterogeneous thermal parameters using ultrasound induced heating and MR thermal mapping. Physics in Medicine and Biology, 2006, 51, 1011-1032.	1.6	31
44	Corrections to linear methods for diffuse optical tomography using approximation error modelling. Biomedical Optics Express, 2010, 1, 209.	1.5	31
45	Estimation of event-related synchronization changes by a new TVAR method. IEEE Transactions on Biomedical Engineering, 1997, 44, 649-656.	2.5	30
46	An ultra-weak method for acoustic fluid–solid interaction. Journal of Computational and Applied Mathematics, 2008, 213, 166-185.	1.1	30
47	Model reduction in state identification problems with an application to determination of thermal parameters. Applied Numerical Mathematics, 2009, 59, 877-890.	1.2	29
48	Electrical impedance tomography imaging with reduced-order model based on proper orthogonal decomposition. Journal of Electronic Imaging, 2013, 22, 023008.	0.5	29
49	A NON-HOMOGENEOUS REGULARIZATION METHOD FOR THE ESTIMATION OF NARROW AEROSOL SIZE DISTRIBUTIONS. Journal of Aerosol Science, 2000, 31, 1433-1445.	1.8	28
50	Single-trial estimation of multichannel evoked-potential measurements. IEEE Transactions on Biomedical Engineering, 2003, 50, 189-196.	2.5	28
51	Parallelized Bayesian inversion for three-dimensional dental X-ray imaging. IEEE Transactions on Medical Imaging, 2006, 25, 218-228.	5.4	28
52	Using process tomography as a sensor for optimal control. Applied Numerical Mathematics, 2006, 56, 37-54.	1.2	26
53	State estimation in process tomography—Three-dimensional impedance imaging of moving fluids. International Journal for Numerical Methods in Engineering, 2008, 73, 1651-1670.	1.5	26
54	Computational calibration method for optical tomography. Applied Optics, 2005, 44, 1879.	2.1	25

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55	A filtering approach for estimating lake water quality from remote sensing data. International Journal of Applied Earth Observation and Geoinformation, 2007, 9, 50-64.	1.4	25
56	An experimental evaluation of state estimation with fluid dynamical models in process tomography. Chemical Engineering Journal, 2007, 127, 23-30.	6.6	25
57	Simultaneous estimation of spatially distributed thermal conductivity, heat capacity and surface heat transfer coefficient in thermal tomography. International Journal of Heat and Mass Transfer, 2012, 55, 7958-7968.	2.5	25
58	Approximate marginalization over modelling errors and uncertainties in inverse problems. , 2013, , 644-672.		25
59	Modelling of internal structures and electrodes in electrical process tomography. Measurement Science and Technology, 2001, 12, 1012-1019.	1.4	24
60	3D thermal tomography with experimental measurement data. International Journal of Heat and Mass Transfer, 2014, 78, 1126-1134.	2.5	24
61	A full-wave Helmholtz model for continuous-wave ultrasound transmission. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2005, 52, 397-409.	1.7	23
62	Fixed-lag smoothing and state estimation in dynamic electrical impedance tomography. International Journal for Numerical Methods in Engineering, 2001, 50, 2195-2209.	1.5	22
63	Fluid dynamical models and state estimation in process tomography: Effect due to inaccuracies in flow fields. Journal of Electronic Imaging, 2001, 10, 630.	0.5	22
64	Groundwater responses to the recent Canterbury earthquakes: a comparison. Journal of Hydrology, 2013, 504, 171-181.	2.3	22
65	Dynamical electric wire tomography: a time series approach. Inverse Problems, 1998, 14, 799-813.	1.0	21
66	Optimal current patterns in dynamical electrical impedance tomography imaging. Inverse Problems, 2007, 23, 1201-1214.	1.0	21
67	Quantitative photoacoustic tomography using illuminations from a single direction. Journal of Biomedical Optics, 2015, 20, 036015.	1.4	21
68	Simulation study for thermal dose optimization in ultrasound surgery of the breast. Medical Physics, 2004, 31, 1296-1307.	1.6	20
69	Nonstationary approximation error approach to imaging of three-dimensional pipe flow: experimental evaluation. Measurement Science and Technology, 2011, 22, 104013.	1.4	20
70	Errors due to the truncation of the computational domain in static three-dimensional electrical impedance tomography. Physiological Measurement, 2000, 21, 125-135.	1.2	18
71	Compensation of optode sensitivity and position errors in diffuse optical tomography using the approximation error approach. Biomedical Optics Express, 2013, 4, 2015.	1.5	18
72	Bayesian approximation error approach in full-wave ultrasound tomography. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2014, 61, 1627-1637.	1.7	18

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73	Detection of malfunctions in sensor networks. <i>Environmetrics</i> , 2013, 24, 227-236.	0.6	17
74	Thermal dose optimization method for ultrasound surgery. <i>Physics in Medicine and Biology</i> , 2003, 48, 745-762.	1.6	16
75	Compensation of modeling errors due to unknown domain boundary in diffuse optical tomography. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2014, 31, 1847.	0.8	16
76	Inverse problems in the Bayesian framework. <i>Inverse Problems</i> , 2014, 30, 110301.	1.0	16
77	Three dimensional photoacoustic tomography in Bayesian framework. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 2061-2071.	0.5	16
78	Approximate marginalization of unknown scattering in quantitative photoacoustic tomography. <i>Inverse Problems and Imaging</i> , 2014, 8, 811-829.	0.6	16
79	Approximation error method can reduce artifacts due to scalp blood flow in optical brain activation imaging. <i>Journal of Biomedical Optics</i> , 2012, 17, 0960121.	1.4	15
80	Physiological System Identification with the Kalman Filter in Diffuse Optical Tomography. <i>Lecture Notes in Computer Science</i> , 2005, 8, 649-656.	1.0	15
81	Randomize-Then-Optimize for Sampling and Uncertainty Quantification in Electrical Impedance Tomography. <i>SIAM-ASA Journal on Uncertainty Quantification</i> , 2015, 3, 1136-1158.	1.1	14
82	Estimation of aquifer dimensions from passive seismic signals in the presence of material and source uncertainties. <i>Geophysical Journal International</i> , 2015, 200, 1662-1675.	1.0	14
83	Estimation of the Robin coefficient field in a Poisson problem with uncertain conductivity field. <i>Inverse Problems</i> , 2018, 34, 115005.	1.0	14
84	Modeling of anomalies due to hydrophones in continuous-wave ultrasound fields. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2003, 50, 1486-1500.	1.7	13
85	An optimal control approach for ultrasound induced heating. <i>International Journal of Control</i> , 2003, 76, 1323-1336.	1.2	13
86	Artificial boundary conditions and domain truncation in electrical impedance tomography. Part I: Theory and preliminary results. <i>Inverse Problems and Imaging</i> , 2015, 9, 749-766.	0.6	13
87	Artificial boundary conditions and domain truncation in electrical impedance tomography. Part II: Stochastic extension of the boundary map. <i>Inverse Problems and Imaging</i> , 2015, 9, 767-789.	0.6	13
88	Static Three-Dimensional Electrical Impedance Tomography. <i>Annals of the New York Academy of Sciences</i> , 1999, 873, 472-481.	1.8	12
89	A new computational approach for cortical imaging. <i>IEEE Transactions on Medical Imaging</i> , 2001, 20, 325-332.	5.4	12
90	Estimation of time-varying aerosol size distributionsâ€™ exploitation of modal aerosol dynamical models. <i>Journal of Aerosol Science</i> , 2002, 33, 1181-1200.	1.8	12

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91	Estimation of aquifer dimensions from passive seismic signals with approximate wave propagation models. <i>Inverse Problems</i> , 2014, 30, 015003.	1.0	12
92	Adaptive meshing approach to identification of cracks with electrical impedance tomography. <i>Inverse Problems and Imaging</i> , 2014, 8, 127-148.	0.6	12
93	A Statistical Inverse Problem Approach to Online Secondary Path Modeling in Active Noise Control. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2016, 24, 54-64.	4.0	12
94	<title>Impedance imaging and Markov chain Monte Carlo methods</title>., 1997, 3171, 175.		11
95	Detection of faults in resistive coatings with an impedance-tomography-related approach. <i>Measurement Science and Technology</i> , 2002, 13, 865-872.	1.4	11
96	Estimating Anomalies from Indirect Observations. <i>Journal of Computational Physics</i> , 2002, 181, 398-406.	1.9	11
97	Feedforward and feedback control of ultrasound surgery. <i>Applied Numerical Mathematics</i> , 2006, 56, 55-79.	1.2	11
98	Finite element approximation of the Fokker-Planck equation for diffuse optical tomography. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2010, 111, 1406-1417.	1.1	11
99	State estimation and modeling error approach for shallow water equations and Lagrangian measurements. <i>Water Resources Research</i> , 2011, 47, .	1.7	11
100	Compensation of domain modelling errors in the inverse source problem of the Poisson equation: Application in electroencephalographic imaging. <i>Applied Numerical Mathematics</i> , 2016, 106, 24-36.	1.2	11
101	Thermal tomography utilizing truncated Fourier series approximation of the heat diffusion equation. <i>International Journal of Heat and Mass Transfer</i> , 2017, 108, 860-867.	2.5	11
102	Improved EEG source localization with Bayesian uncertainty modelling of unknown skull conductivity. <i>NeuroImage</i> , 2019, 188, 252-260.	2.1	11
103	Sequential Monte Carlo estimation of aerosol size distributions. <i>Computational Statistics and Data Analysis</i> , 2005, 48, 887-908.	0.7	10
104	Detection of contact failures with the Markov chain Monte Carlo method by using integral transformed measurements. <i>International Journal of Thermal Sciences</i> , 2018, 132, 486-497.	2.6	10
105	COMPUTATIONAL ASPECTS OF THE DISCONTINUOUS GALERKIN METHOD FOR THE WAVE EQUATION. <i>Journal of Computational Acoustics</i> , 2008, 16, 507-530.	1.0	9
106	Estimation of fixed charge density and diffusivity profiles in cartilage using contrast enhanced computer tomography. <i>International Journal for Numerical Methods in Engineering</i> , 2014, 98, 371-390.	1.5	9
107	A numerical approach for modelling fault-zone trapped waves. <i>Geophysical Journal International</i> , 2017, 210, 919-930.	1.0	9
108	Modeling errors due to Timoshenko approximation in damage identification. <i>International Journal for Numerical Methods in Engineering</i> , 2019, 120, 1148-1162.	1.5	9

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109	A Bayesian approach to improving the Born approximation for inverse scattering with high-contrast materials. <i>Inverse Problems</i> , 2019, 35, 084001.	1.0	9
110	Model reduction and pollution source identification from remote sensing data. <i>Inverse Problems and Imaging</i> , 2009, 3, 711-730.	0.6	9
111	Bayesian inversion method for 3D dental X-ray imaging. <i>Elektrotechnik Und Informationstechnik</i> , 2007, 124, 248-253.	0.7	8
112	Predicting functional properties of milk powder based on manufacturing data in an industrial-scale powder plant. <i>Journal of Food Engineering</i> , 2015, 153, 12-19.	2.7	8
113	The effect of gradational velocities and anisotropy on fault-zone trapped waves. <i>Geophysical Journal International</i> , 2017, 210, 964-978.	1.0	8
114	Fully automated laser ray tracing system to measure changes in the crystalline lens GRIN profile. <i>Biomedical Optics Express</i> , 2017, 8, 4947.	1.5	8
115	Approximate marginalization of absorption and scattering in fluorescence diffuse optical tomography. <i>Inverse Problems and Imaging</i> , 2016, 10, 227-246.	0.6	8
116	Time-varying reconstruction in single photon emission computed tomography. <i>International Journal of Imaging Systems and Technology</i> , 2004, 14, 186-197.	2.7	7
117	Fast Adaptive 3-D Nonstationary Electrical Impedance Tomography Based on Reduced-Order Modeling. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2012, 61, 2665-2681.	2.4	7
118	Estimating pipeline location using ground-penetrating radar data in the presence of model uncertainties. <i>Inverse Problems</i> , 2014, 30, 114006.	1.0	7
119	Approximation error approach in spatiotemporally chaotic models with application to Kuramoto-Sivashinsky equation. <i>Computational Statistics and Data Analysis</i> , 2018, 123, 13-31.	0.7	7
120	Retrieval of process rate parameters in the general dynamic equation for aerosols using Bayesian state estimation: BAYROSOL1.0. <i>Geoscientific Model Development</i> , 2021, 14, 3715-3739.	1.3	7
121	Characterization of Parameters for a Spatially Heterogenous Aquifer from Pumping Test Data. <i>Journal of Hydrologic Engineering - ASCE</i> , 2014, 19, 1203-1213.	0.8	6
122	Optical Imaging. , 2011, , 735-780.		6
123	Simulations of the heterogeneity of environments by finite element methods. <i>Mathematics and Computers in Simulation</i> , 1995, 39, 155-172.	2.4	5
124	<title>Three-dimensional electrical impedance tomography using complete electrode model</title>. , 1997, 3171, 166.		5
125	Introduction of Sample Based Prior into the D-Bar Method Through a Schur Complement Property. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 4085-4093.	5.4	5
126	Damage identification in plates under uncertain boundary conditions. <i>Mechanical Systems and Signal Processing</i> , 2020, 144, 106884.	4.4	5

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127	Utilizing the Radiative Transfer Equation in Optical Tomography. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2008, 4, 655-660.	0.4	5
128	Nonstationary inversion of convection-diffusion problems - recovery from unknown nonstationary velocity fields. Inverse Problems and Imaging, 2010, 4, 463-483.	0.6	4
129	Model reduction in acoustic inversion by artificial neural network. Journal of the Acoustical Society of America, 2021, 150, 3435-3444.	0.5	4
130	<title>Recursive estimation of fast-impedance changes in electrical impedance tomography and a related problem</title>. , 1997, 3171, 208.		3
131	Machine learning approach for locating phase interfaces using conductivity probes. Inverse Problems in Science and Engineering, 2011, 19, 879-902.	1.2	3
132	Application of finite element method to General Dynamic Equation of Aerosols â€“ Comparison with classical numerical approximations. Journal of Aerosol Science, 2022, 160, 105902.	1.8	3
133	Modeling of uncertainties in statistical inverse problems. Journal of Physics: Conference Series, 2008, 135, 012107.	0.3	2
134	Damage identification under uncertain mass density distributions. Computer Methods in Applied Mechanics and Engineering, 2021, 376, 113672.	3.4	2
135	Bayesian damage identification of simply supported beams from elastostatic data. Inverse Problems in Science and Engineering, 2021, 29, 2895-2922.	1.2	2
136	Optical Imaging. , 2015, , 1033-1079.		2
137	Compensation of optode position and sensitivity errors in diffuse optical tomography. , 2014, , .		2
138	Bayesian Modelling of Skull Conductivity Uncertainties in EEG Source Imaging. IFMBE Proceedings, 2018, , 892-895.	0.2	2
139	Improved resolution of Dâ€bar images of ventilation using a Schur complement property and an anatomical atlas. Medical Physics, 2022, , .	1.6	2
140	Eigenvalue problems arising in the control of a distributed-parameter bioreactor. Control Engineering Practice, 1996, 4, 1015-1021.	3.2	1
141	Stabilization of smoothness priors time-varying autoregressive models. Circuits, Systems, and Signal Processing, 2000, 19, 423-435.	1.2	1
142	Perturbation expansions in polynomial root tracking. Signal Processing, 2000, 80, 515-523.	2.1	1
143	Effects of inaccuracies in fluid dynamical models in state estimation of process tomography. , 2001, 4188, 69.		1
144	Bayesian approach to tree detection with airborne laser scanning. , 2012, , .		1

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145	Utilising the coupled radiative transfer - diffusion model in diffuse optical tomography. Proceedings of SPIE, 2013, , .	0.8	1
146	Image reconstruction with noise and error modelling in quantitative photoacoustic tomography. , 2016, , .		1
147	Bayesian parameter estimation in spectral quantitative photoacoustic tomography. , 2016, , .		1
148	Maximum a posteriori adjustment of adaptive transversal filters in active noise control. , 2017, , .		1
149	Estimating the material parameters of an inhomogeneous poroelastic plate from ultrasonic measurements in water. Journal of the Acoustical Society of America, 2019, 146, 2596-2607.	0.5	1
150	Improved imaging of gas hydrate reservoirs and their plumbing system using 2D elastic full-waveform inversion. Interpretation, 2021, 9, T955-T968.	0.5	1
151	Approximation Error Approach for Compensating Modelling Errors in Optical Tomography. , 2010, , .		1
152	Finite element approximations for the radiative transfer equation. , 2006, , .		1
153	A strategy for selecting measurement points in the determination of depth-dose curves and dose profiles. Measurement Science and Technology, 1999, 10, 765-771.	1.4	0
154	Utilising Approximation Error Modelling in Linear Reconstruction in Diffuse Optical Tomography. , 2012, , .		0
155	Thermal Tomography Using Experimental Measurement Data. , 2013, , .		0
156	Image reconstruction in quantitative photoacoustic tomography using the radiative transfer equation and the diffusion approximation. , 2013, , .		0
157	Approximation error method for full-wave tomography. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
158	Simulation study on seismic monitoring of aquifers. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
159	Modeling photon migration in tissues with the coupled radiative transfer equation and diffusion approximation. , 2006, , .		0
160	Approximation Errors and Model Reduction in Three-Dimensional Diffuse Optical Tomography. , 2012, , .		0
161	Estimation and uncertainty quantification of optical properties directly from the photoacoustic time series. , 2017, , .		0
162	Bayesian parameter estimation of Euler-Bernoulli beams. , 2019, , .		0