

# 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	Application of finite element method to General Dynamic Equation of Aerosols “ Comparison with classical numerical approximations. Journal of Aerosol Science, 2022, 160, 105902.	1.8	3
2	Improved resolution of D-bar images of ventilation using a Schur complement property and an anatomical atlas. Medical Physics, 2022, , .	1.6	2
3	Damage identification under uncertain mass density distributions. Computer Methods in Applied Mechanics and Engineering, 2021, 376, 113672.	3.4	2
4	Retrieval of process rate parameters in the general dynamic equation for aerosols using Bayesian state estimation: BAYROSOL1.0. Geoscientific Model Development, 2021, 14, 3715-3739.	1.3	7
5	Bayesian damage identification of simply supported beams from elastostatic data. Inverse Problems in Science and Engineering, 2021, 29, 2895-2922.	1.2	2
6	Improved imaging of gas hydrate reservoirs and their plumbing system using 2D elastic full-waveform inversion. Interpretation, 2021, 9, T955-T968.	0.5	1
7	Model reduction in acoustic inversion by artificial neural network. Journal of the Acoustical Society of America, 2021, 150, 3435-3444.	0.5	4
8	Introduction of Sample Based Prior into the D-Bar Method Through a Schur Complement Property. IEEE Transactions on Medical Imaging, 2020, 39, 4085-4093.	5.4	5
9	Damage identification in plates under uncertain boundary conditions. Mechanical Systems and Signal Processing, 2020, 144, 106884.	4.4	5
10	Modeling errors due to Timoshenko approximation in damage identification. International Journal for Numerical Methods in Engineering, 2019, 120, 1148-1162.	1.5	9
11	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
12	A Bayesian approach to improving the Born approximation for inverse scattering with high-contrast materials. Inverse Problems, 2019, 35, 084001.	1.0	9
13	Improved EEG source localization with Bayesian uncertainty modelling of unknown skull conductivity. NeuroImage, 2019, 188, 252-260.	2.1	11
14	Bayesian parameter estimation of Euler-Bernoulli beams. , 2019, , .		0
15	Approximation error approach in spatiotemporally chaotic models with application to Kuramoto’s Sivashinsky equation. Computational Statistics and Data Analysis, 2018, 123, 13-31.	0.7	7
16	Three dimensional photoacoustic tomography in Bayesian framework. Journal of the Acoustical Society of America, 2018, 144, 2061-2071.	0.5	16
17	Detection of contact failures with the Markov chain Monte Carlo method by using integral transformed measurements. International Journal of Thermal Sciences, 2018, 132, 486-497.	2.6	10
18	Estimation of the Robin coefficient field in a Poisson problem with uncertain conductivity field. Inverse Problems, 2018, 34, 115005.	1.0	14

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19	Bayesian Modelling of Skull Conductivity Uncertainties in EEG Source Imaging. IFMBE Proceedings, 2018, , 892-895.	0.2	2
20	Thermal tomography utilizing truncated Fourier series approximation of the heat diffusion equation. International Journal of Heat and Mass Transfer, 2017, 108, 860-867.	2.5	11
21	A numerical approach for modelling fault-zone trapped waves. Geophysical Journal International, 2017, 210, 919-930.	1.0	9
22	The effect of gradational velocities and anisotropy on fault-zone trapped waves. Geophysical Journal International, 2017, 210, 964-978.	1.0	8
23	Maximum a posteriori adjustment of adaptive transversal filters in active noise control. , 2017, , .		1
24	Fully automated laser ray tracing system to measure changes in the crystalline lens GRIN profile. Biomedical Optics Express, 2017, 8, 4947.	1.5	8
25	Estimation and uncertainty quantification of optical properties directly from the photoacoustic time series. , 2017, , .		0
26	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
27	Image reconstruction with noise and error modelling in quantitative photoacoustic tomography. , 2016, , .		1
28	Bayesian parameter estimation in spectral quantitative photoacoustic tomography. , 2016, , .		1
29	A Statistical Inverse Problem Approach to Online Secondary Path Modeling in Active Noise Control. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 54-64.	4.0	12
30	Compensation of domain modelling errors in the inverse source problem of the Poisson equation: Application in electroencephalographic imaging. Applied Numerical Mathematics, 2016, 106, 24-36.	1.2	11
31	Approximate marginalization of absorption and scattering in fluorescence diffuse optical tomography. Inverse Problems and Imaging, 2016, 10, 227-246.	0.6	8
32	Randomize-Then-Optimize for Sampling and Uncertainty Quantification in Electrical Impedance Tomography. SIAM-ASA Journal on Uncertainty Quantification, 2015, 3, 1136-1158.	1.1	14
33	Estimation of aquifer dimensions from passive seismic signals in the presence of material and source uncertainties. Geophysical Journal International, 2015, 200, 1662-1675.	1.0	14
34	Quantitative photoacoustic tomography using illuminations from a single direction. Journal of Biomedical Optics, 2015, 20, 036015.	1.4	21
35	Predicting functional properties of milk powder based on manufacturing data in an industrial-scale powder plant. Journal of Food Engineering, 2015, 153, 12-19.	2.7	8
36	Optical Imaging. , 2015, , 1033-1079.		2

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37	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
38	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
39	Estimation of aquifer dimensions from passive seismic signals with approximate wave propagation models. <i>Inverse Problems</i> , 2014, 30, 015003.	1.0	12
40	Adaptive meshing approach to identification of cracks with electrical impedance tomography. <i>Inverse Problems and Imaging</i> , 2014, 8, 127-148.	0.6	12
41	Bayesian approximation error approach in full-wave ultrasound tomography. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2014, 61, 1627-1637.	1.7	18
42	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
43	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
44	Inverse problems in the Bayesian framework. <i>Inverse Problems</i> , 2014, 30, 110301.	1.0	16
45	Estimating pipeline location using ground-penetrating radar data in the presence of model uncertainties. <i>Inverse Problems</i> , 2014, 30, 114006.	1.0	7
46	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
47	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
48	3D thermal tomography with experimental measurement data. <i>International Journal of Heat and Mass Transfer</i> , 2014, 78, 1126-1134.	2.5	24
49	Compensation of optode position and sensitivity errors in diffuse optical tomography. , 2014, , .		2
50	Approximate marginalization of unknown scattering in quantitative photoacoustic tomography. <i>Inverse Problems and Imaging</i> , 2014, 8, 811-829.	0.6	16
51	Utilising the coupled radiative transfer - diffusion model in diffuse optical tomography. <i>Proceedings of SPIE</i> , 2013, , .	0.8	1
52	Detection of malfunctions in sensor networks. <i>Environmetrics</i> , 2013, 24, 227-236.	0.6	17
53	Groundwater responses to the recent Canterbury earthquakes: a comparison. <i>Journal of Hydrology</i> , 2013, 504, 171-181.	2.3	22
54	Bayesian Image Reconstruction in Quantitative Photoacoustic Tomography. <i>IEEE Transactions on Medical Imaging</i> , 2013, 32, 2287-2298.	5.4	48

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55	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
56	Electrical impedance tomography imaging with reduced-order model based on proper orthogonal decomposition. Journal of Electronic Imaging, 2013, 22, 023008.	0.5	29
57	Thermal Tomography Using Experimental Measurement Data. , 2013, , .		0
58	Image reconstruction in quantitative photoacoustic tomography using the radiative transfer equation and the diffusion approximation. , 2013, , .		0
59	Approximation error method for full-wave tomography. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
60	Simulation study on seismic monitoring of aquifers. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
61	Approximate marginalization over modelling errors and uncertainties in inverse problems. , 2013, , 644-672.		25
62	Approximation error method can reduce artifacts due to scalp blood flow in optical brain activation imaging. Journal of Biomedical Optics, 2012, 17, 0960121.	1.4	15
63	Utilising Approximation Error Modelling in Linear Reconstruction in Diffuse Optical Tomography. , 2012, , .		0
64	Fast Adaptive 3-D Nonstationary Electrical Impedance Tomography Based on Reduced-Order Modeling. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 2665-2681.	2.4	7
65	Bayesian approach to tree detection with airborne laser scanning. , 2012, , .		1
66	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
67	Sparsity reconstruction in electrical impedance tomography: An experimental evaluation. Journal of Computational and Applied Mathematics, 2012, 236, 2126-2136.	1.1	70
68	Approximation Errors and Model Reduction in Three-Dimensional Diffuse Optical Tomography. , 2012, , .		0
69	State estimation and modeling error approach for 2D shallow water equations and Lagrangian measurements. Water Resources Research, 2011, 47, .	1.7	11
70	RECONSTRUCTION OF DOMAIN BOUNDARY AND CONDUCTIVITY IN ELECTRICAL IMPEDANCE TOMOGRAPHY USING THE APPROXIMATION ERROR APPROACH. , 2011, 1, 203-222.		49
71	MARGINALIZATION OF UNINTERESTING DISTRIBUTED PARAMETERS IN INVERSE PROBLEMS—APPLICATION TO DIFFUSE OPTICAL TOMOGRAPHY. , 2011, 1, 1-17.		62
72	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

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73	Compensation of Modelling Errors Due to Unknown Domain Boundary in Electrical Impedance Tomography. IEEE Transactions on Medical Imaging, 2011, 30, 231-242.	5.4	110
74	The Bayesian Framework for Inverse Problems in Heat Transfer. Heat Transfer Engineering, 2011, 32, 718-753.	1.2	112
75	Machine learning approach for locating phase interfaces using conductivity probes. Inverse Problems in Science and Engineering, 2011, 19, 879-902.	1.2	3
76	Optical Imaging. , 2011, , 735-780.		6
77	Nonstationary approximation error approach to imaging of three-dimensional pipe flow: experimental evaluation. Measurement Science and Technology, 2011, 22, 104013.	1.4	20
78	Finite element approximation of the Fokker-Planck equation for diffuse optical tomography. Journal of Quantitative Spectroscopy and Radiative Transfer, 2010, 111, 1406-1417.	1.1	11
79	Electrical Resistance Tomography imaging of concrete. Cement and Concrete Research, 2010, 40, 137-145.	4.6	188
80	Corrections to linear methods for diffuse optical tomography using approximation error modelling. Biomedical Optics Express, 2010, 1, 209.	1.5	31
81	Bayesian Estimation of Temperature-Dependent Thermophysical Properties and Transient Boundary Heat Flux. Heat Transfer Engineering, 2010, 31, 570-580.	1.2	38
82	Approximation Error Approach for Compensating Modelling Errors in Optical Tomography. , 2010, , .		1
83	Nonstationary inversion of convection-diffusion problems - recovery from unknown nonstationary velocity fields. Inverse Problems and Imaging, 2010, 4, 463-483.	0.6	4
84	Model reduction in state identification problems with an application to determination of thermal parameters. Applied Numerical Mathematics, 2009, 59, 877-890.	1.2	29
85	Compensation of errors due to discretization, domain truncation and unknown contact impedances in electrical impedance tomography. Measurement Science and Technology, 2009, 20, 105504.	1.4	84
86	Approximation errors and model reduction in three-dimensional diffuse optical tomography. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2009, 26, 2257.	0.8	45
87	Model reduction and pollution source identification from remote sensing data. Inverse Problems and Imaging, 2009, 3, 711-730.	0.6	9
88	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
89	An ultra-weak method for acoustic fluid–solid interaction. Journal of Computational and Applied Mathematics, 2008, 213, 166-185.	1.1	30
90	COMPUTATIONAL ASPECTS OF THE DISCONTINUOUS GALERKIN METHOD FOR THE WAVE EQUATION. Journal of Computational Acoustics, 2008, 16, 507-530.	1.0	9

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91	Modeling of uncertainties in statistical inverse problems. Journal of Physics: Conference Series, 2008, 135, 012107.	0.3	2
92	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
93	Optimal current patterns in dynamical electrical impedance tomography imaging. Inverse Problems, 2007, 23, 1201-1214.	1.0	21
94	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
95	Statistical inverse problems: Discretization, model reduction and inverse crimes. Journal of Computational and Applied Mathematics, 2007, 198, 493-504.	1.1	412
96	An experimental evaluation of state estimation with fluid dynamical models in process tomography. Chemical Engineering Journal, 2007, 127, 23-30.	6.6	25
97	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
98	Bayesian inversion method for 3D dental X-ray imaging. Elektrotechnik Und Informationstechnik, 2007, 124, 248-253.	0.7	8
99	Approximation errors and truncation of computational domains with application to geophysical tomography. Inverse Problems and Imaging, 2007, 1, 371-389.	0.6	69
100	Approximation errors in nonstationary inverse problems. Inverse Problems and Imaging, 2007, 1, 77-93.	0.6	57
101	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
102	Parallelized Bayesian inversion for three-dimensional dental X-ray imaging. IEEE Transactions on Medical Imaging, 2006, 25, 218-228.	5.4	28
103	Real time three-dimensional electrical impedance tomography applied in multiphase flow imaging. Measurement Science and Technology, 2006, 17, 2083-2087.	1.4	37
104	Dynamic physiological modeling for functional diffuse optical tomography. NeuroImage, 2006, 30, 88-101.	2.1	105
105	Feedforward and feedback control of ultrasound surgery. Applied Numerical Mathematics, 2006, 56, 55-79.	1.2	11
106	Using process tomography as a sensor for optimal control. Applied Numerical Mathematics, 2006, 56, 37-54.	1.2	26
107	Finite element model for the coupled radiative transfer equation and diffusion approximation. International Journal for Numerical Methods in Engineering, 2006, 65, 383-405.	1.5	56
108	Modeling photon migration in tissues with the coupled radiative transfer equation and diffusion approximation. , 2006, , .		0

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109	Finite element approximations for the radiative transfer equation. , 2006, , .		1
110	Sequential Monte Carlo estimation of aerosol size distributions. Computational Statistics and Data Analysis, 2005, 48, 887-908.	0.7	10
111	Scanning path optimization for ultrasound surgery. Physics in Medicine and Biology, 2005, 50, 3473-3490.	1.6	39
112	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
113	Hybrid radiative-transferâ€“diffusion model for optical tomography. Applied Optics, 2005, 44, 876.	2.1	80
114	Computational calibration method for optical tomography. Applied Optics, 2005, 44, 1879.	2.1	25
115	Compensation for geometric mismodelling by anisotropies in optical tomography. Optics Express, 2005, 13, 296.	1.7	60
116	Coupled radiative transfer equation and diffusion approximation model for photon migration in turbid medium with low-scattering and non-scattering regions. Physics in Medicine and Biology, 2005, 50, 4913-4930.	1.6	100
117	Physiological System Identification with the Kalman Filter in Diffuse Optical Tomography. Lecture Notes in Computer Science, 2005, 8, 649-656.	1.0	15
118	Simulation study for thermal dose optimization in ultrasound surgery of the breast. Medical Physics, 2004, 31, 1296-1307.	1.6	20
119	Time-varying reconstruction in single photon emission computed tomography. International Journal of Imaging Systems and Technology, 2004, 14, 186-197.	2.7	7
120	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
121	The Ultra-Weak Variational Formulation for Elastic Wave Problems. SIAM Journal of Scientific Computing, 2004, 25, 1717-1742.	1.3	57
122	Single-trial estimation of multichannel evoked-potential measurements. IEEE Transactions on Biomedical Engineering, 2003, 50, 189-196.	2.5	28
123	State-estimation approach to the nonstationary optical tomography problem. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2003, 20, 876.	0.8	59
124	Modeling of anomalies due to hydrophones in continuous-wave ultrasound fields. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2003, 50, 1486-1500.	1.7	13
125	An optimal control approach for ultrasound induced heating. International Journal of Control, 2003, 76, 1323-1336.	1.2	13
126	Statistical inversion for medical x-ray tomography with few radiographs: I. General theory. Physics in Medicine and Biology, 2003, 48, 1437-1463.	1.6	123



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127	Time-series estimation of biological factors in optical diffusion tomography. <i>Physics in Medicine and Biology</i> , 2003, 48, 1491-1504.	1.6	108
128	Thermal dose optimization method for ultrasound surgery. <i>Physics in Medicine and Biology</i> , 2003, 48, 745-762.	1.6	16
129	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
130	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
131	Estimation of time-varying aerosol size distributions—exploitation of modal aerosol dynamical models. <i>Journal of Aerosol Science</i> , 2002, 33, 1181-1200.	1.8	12
132	Estimating Anomalies from Indirect Observations. <i>Journal of Computational Physics</i> , 2002, 181, 398-406.	1.9	11
133	Computational Aspects of the Ultra-Weak Variational Formulation. <i>Journal of Computational Physics</i> , 2002, 182, 27-46.	1.9	131
134	A MATLAB package for the EIDORS project to reconstruct two-dimensional EIT images. <i>Physiological Measurement</i> , 2001, 22, 107-111.	1.2	213
135	A new computational approach for cortical imaging. <i>IEEE Transactions on Medical Imaging</i> , 2001, 20, 325-332.	5.4	12
136	Effects of inaccuracies in fluid dynamical models in state estimation of process tomography. , 2001, 4188, 69.		1
137	Fixed-lag smoothing and state estimation in dynamic electrical impedance tomography. <i>International Journal for Numerical Methods in Engineering</i> , 2001, 50, 2195-2209.	1.5	22
138	Fluid dynamical models and state estimation in process tomography: Effect due to inaccuracies in flow fields. <i>Journal of Electronic Imaging</i> , 2001, 10, 630.	0.5	22
139	Estimation of non-stationary region boundaries in EIT—state estimation approach. <i>Inverse Problems</i> , 2001, 17, 1937-1956.	1.0	52
140	Generalized optimal current patterns and electrical safety in EIT. <i>Physiological Measurement</i> , 2001, 22, 85-90.	1.2	70
141	Modelling of internal structures and electrodes in electrical process tomography. <i>Measurement Science and Technology</i> , 2001, 12, 1012-1019.	1.4	24
142	Stabilization of smoothness priors time-varying autoregressive models. <i>Circuits, Systems, and Signal Processing</i> , 2000, 19, 423-435.	1.2	1
143	Effects of electrode properties on EEG measurements and a related inverse problem. <i>Medical Engineering and Physics</i> , 2000, 22, 535-545.	0.8	34
144	Perturbation expansions in polynomial root tracking. <i>Signal Processing</i> , 2000, 80, 515-523.	2.1	1

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145	Errors due to the truncation of the computational domain in static three-dimensional electrical impedance tomography. <i>Physiological Measurement</i> , 2000, 21, 125-135.	1.2	18
146	A NON-HOMOGENEOUS REGULARIZATION METHOD FOR THE ESTIMATION OF NARROW AEROSOL SIZE DISTRIBUTIONS. <i>Journal of Aerosol Science</i> , 2000, 31, 1433-1445.	1.8	28
147	Statistical inversion and Monte Carlo sampling methods in electrical impedance tomography. <i>Inverse Problems</i> , 2000, 16, 1487-1522.	1.0	282
148	A strategy for selecting measurement points in the determination of depth-dose curves and dose profiles. <i>Measurement Science and Technology</i> , 1999, 10, 765-771.	1.4	0
149	Effects of local skull inhomogeneities on EEG source estimation. <i>Medical Engineering and Physics</i> , 1999, 21, 143-154.	0.8	67
150	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
151	Static Three-Dimensional Electrical Impedance Tomography. <i>Annals of the New York Academy of Sciences</i> , 1999, 873, 472-481.	1.8	12
152	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
153	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
154	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
155	Dynamical electric wire tomography: a time series approach. <i>Inverse Problems</i> , 1998, 14, 799-813.	1.0	21
156	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
157	<title>Three-dimensional electrical impedance tomography using complete electrode model</title>. , 1997, 3171, 166.		5
158	<title>Recursive estimation of fast-impedance changes in electrical impedance tomography and a related problem</title>. , 1997, 3171, 208.		3
159	<title>Impedance imaging and Markov chain Monte Carlo methods</title>. , 1997, 3171, 175.		11
160	Estimation of event-related synchronization changes by a new TVAR method. <i>IEEE Transactions on Biomedical Engineering</i> , 1997, 44, 649-656.	2.5	30
161	Eigenvalue problems arising in the control of a distributed-parameter bioreactor. <i>Control Engineering Practice</i> , 1996, 4, 1015-1021.	3.2	1
162	Simulations of the heterogeneity of environments by finite element methods. <i>Mathematics and Computers in Simulation</i> , 1995, 39, 155-172.	2.4	5