Jaan Janno

List of Publications by Year
in descending order

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40 papers	379 citations	840585 11 h-index	839398 18 g-index
41 all docs	41 docs citations	41 times ranked	120 citing authors

#	Article	IF	Citations
1	Reconstruction of an order of derivative and a source term in a fractional diffusion equation from final measurements. Inverse Problems, 2018, 34, 025007.	1.0	35
2	An Inverse Problem for a Generalized Fractional Derivative with an Application in Reconstruction of Time- and Space-Dependent Sources in Fractional Diffusion and Wave Equations. Mathematics, 2019, 7, 1138.	1.1	35
3	INVERSE PROBLEMS FOR A GENERALIZED SUBDIFFUSION EQUATION WITH FINAL OVERDETERMINATION. Mathematical Modelling and Analysis, 2019, 24, 236-262.	0.7	33
4	Lavrent'ev regularization of ill-posed problems containing nonlinear near-to-monotone operators with application to autoconvolution equation. Inverse Problems, 2000, 16, 333-348.	1.0	25
5	On Lavrentiev Regularization for Ill-Posed Problems in Hilbert Scales. Numerical Functional Analysis and Optimization, 2003, 24, 531-555.	0.6	24
6	Uniqueness for an inverse problem for a semilinear time-fractional diffusion equation. Inverse Problems and Imaging, 2017, 11, 125-149.	0.6	21
7	An inverse problem for identification of a time- and space-dependent memory kernel in viscoelasticity. Inverse Problems, 2001, 17, 13-24.	1.0	19
8	Waves in microstructured solids: Inverse problems. Wave Motion, 2005, 43, 1-11.	1.0	18
9	Identification of a kernel in an evolutionary integral equation occurring in subdiffusion. Journal of Inverse and Ill-Posed Problems, 2017, 25, .	0.5	13
10	Reconstruction of coefficients of higher order nonlinear wave equations by measuring solitary waves. Wave Motion, 2015, 52, 15-25.	1.0	12
11	Microstructured Materials: Inverse Problems. Springer Monographs in Mathematics, 2011, , .	0.1	11
12	On a Class of Nonlinear Convolution Equations. Zeitschrift Fur Analysis Und Ihre Anwendung, 1995, 14, 497-508.	0.8	10
13	A General Class of Autoconvolution Equations of the Third Kind. Zeitschrift Fur Analysis Und Ihre Anwendung, 2005, 24, 523-543.	0.8	10
14	Inverse problems for a perturbed time fractional diffusion equation with final overdetermination. Mathematical Methods in the Applied Sciences, 2018, 41, 1925-1943.	1.2	10
15	Determination of a time- and space-dependent heat flux relaxation function by means of a restricted Dirichlet-to-Neumann operator. Mathematical Methods in the Applied Sciences, 2004, 27, 1241-1260.	1.2	8
16	A Parabolic Integro-Differential Identification Problem in a Barrelled Smooth Domain. Zeitschrift Fur Analysis Und Ihre Anwendung, 2006, 25, 103-130.	0.8	8
17	On the theory of convolution equations of the third kind, II. Journal of Mathematical Analysis and Applications, 2008, 342, 838-863.	0.5	8
18	Discretization and regularization of an inverse problem related to a quasilinear hyperbolic integrodifferential equation. Inverse Problems, 1997, 13, 711-728.	1.0	7

#	Article	IF	Citations
19	Modelling 2D wave motion in microstructured solids. Mechanics Research Communications, 2014, 56, 42-49.	1.0	7
20	INVERSE PROBLEMS FOR A GENERALIZED SUBDIFFUSION EQUATION WITH FINAL OVERDETERMINATION. Mathematical Modelling and Analysis, 2019, 24, 236-262.	0.7	7
21	Nonlinear Equations with Operators Satisfying Generalized Lipschitz Conditions in Scales. Zeitschrift Fur Analysis Und Ihre Anwendung, 1999, 18, 287-295.	0.8	6
22	A positivity principle for parabolic integro-differential equations and inverse problems with final overdetermination. Inverse Problems and Imaging, 2009, 3, 17-41.	0.6	6
23	Global existence for a hyperbolic integrodifferential inverse problem. Forum Mathematicum, 1996, 8, .	0.3	5
24	Inverse problems for determining monotone weakly singular relaxation kernels in viscoelasticity. Nonlinear Analysis: Theory, Methods & Applications, 2000, 41, 943-962.	0.6	5
25	RECONSTRUCTION OF A SOURCE TERM IN A PARABOLIC INTEGRO-DIFFERENTIAL EQUATION FROM FINAL DATA. Mathematical Modelling and Analysis, 2011, 16, 199-219.	0.7	5
26	Inverse Problems for Memory Kernels by Laplace Transform Methods. Zeitschrift Fur Analysis Und Ihre Anwendung, 2000, 19, 489-510.	0.8	4
27	Determination of time-dependent sources and parameters of nonlocal diffusion and wave equations from final data. Fractional Calculus and Applied Analysis, 2020, 23, 1678-1701.	1.2	4
28	On a Class of Multilinear Operator Equations. Zeitschrift Fur Analysis Und Ihre Anwendung, 1996, 15, 935-948.	0.8	3
29	Identification of Weakly Singular Relaxation Kernels in Three-Dimensional Viscoelasticity. Journal of Mathematical Analysis and Applications, 2001, 262, 133-159.	0.5	3
30	A General Inverse Problem for a Memory Kernel in One-Dimensional Viscoelasticity. Zeitschrift Fur Analysis Und Ihre Anwendung, 2002, 21, 465-483.	0.8	3
31	On a Well-Posed Approximation of an Inverse Problem in Isotropic Medium with Memory. Numerical Functional Analysis and Optimization, 1992, 13, 277-286.	0.6	2
32	A class of inverse problems for viscoelastic material with dominating Newtonian viscosity. Quarterly of Applied Mathematics, 1999, 57, 465-474.	0.5	2
33	IDENTIFICATION OF MICROSTRUCTURED MATERIALS BY PHASE AND GROUP VELOCITIES. Mathematical Modelling and Analysis, 2009, 14, 57-68.	0.7	2
34	Nonlinear Acoustic Nondestructive Evaluation (NDE): Qualitative and Quantitative Effects. Materials and Manufacturing Processes, 2010, 25, 212-220.	2.7	2
35	Inverse Problems for a Parabolic Integrodifferential Equation in a Convolutional Weak Form. Abstract and Applied Analysis, 2013, 2013, 1-16.	0.3	2
36	Recovering memory kernels in parabolic transmission problems in infinite time intervals: the non-accessible case. Journal of Inverse and Ill-Posed Problems, 2010, 18, .	0.5	1

#	Article	IF	Citations
37	Integro-differential equations of first order with autoconvolution integral II. Journal of Integral Equations and Applications, 2011, 23, .	0.2	1
38	PERIODIC WAVES IN MICROSTRUCTURED SOLIDS AND INVERSE PROBLEMS. Mathematical Modelling and Analysis, 2012, 17, 599-617.	0.7	1
39	Inverse Problems with Unknown Boundary Conditions and Final Overdetermination for Time Fractional Diffusion-Wave Equations in Cylindrical Domains. Mathematics, 2021, 9, 2541.	1.1	1
40	Recovering Degenerate Kernels in Hyperbolic Integro-Differential Equations. Zeitschrift Fur Analysis Und Ihre Anwendung, 2002, 21, 399-430.	0.8	0