

Håkan Johansson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9587702/publications.pdf>

Version: 2024-02-01

25
papers

234
citations

1163117

8
h-index

996975

15
g-index

26
all docs

26
docs citations

26
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	A numerical framework for load identification and regularization with application to rolling disc problem. <i>Computers and Structures</i> , 2011, 89, 38-47.	4.4	41
2	Review on wind turbines with focus on drive train system dynamics. <i>Wind Energy</i> , 2015, 18, 567-590.	4.2	31
3	A two-scale finite element formulation of Stokes flow in porous media. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2013, 261-262, 96-104.	6.6	25
4	Parameter identification in constitutive models via optimization with a posteriori error control. <i>International Journal for Numerical Methods in Engineering</i> , 2005, 62, 1315-1340.	2.8	15
5	A strategy for input estimation with sensitivity analysis. <i>International Journal for Numerical Methods in Engineering</i> , 2007, 69, 2219-2246.	2.8	15
6	Parameter identification with sensitivity assessment and error computation. <i>GAMM Mitteilungen</i> , 2007, 30, 430-457.	5.5	14
7	Condition Monitoring of Railway Crossing Geometry via Measured and Simulated Track Responses. <i>Sensors</i> , 2022, 22, 1012.	3.8	14
8	Numerical modelling of neutral atmospheric boundary layer flow through heterogeneous forest canopies in complex terrain (a case study of a Swedish wind farm). <i>Renewable Energy</i> , 2021, 180, 806-828.	8.9	11
9	Simulation of active skeletal muscle tissue with a transversely isotropic viscohyperelastic continuum material model. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2013, 227, 571-580.	1.8	8
10	A Nonlinear Viscoelastic Model for Adipose Tissue Representing Tissue Response at a Wide Range of Strain Rates and High Strain Levels. <i>Journal of Biomechanical Engineering</i> , 2018, 140, .	1.3	8
11	Calibration of a class of non-linear viscoelasticity models with sensitivity assessment based on duality. <i>International Journal for Numerical Methods in Engineering</i> , 2007, 69, 2513-2537.	2.8	6
12	Load identification for a rolling disc: finite element discretization and virtual calibration. <i>Computational Mechanics</i> , 2012, 49, 137-147.	4.0	6
13	Identification of wheel-rail contact forces based on strain measurements, an inverse scheme and a finite-element model of the wheel. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2014, 228, 343-354.	2.0	6
14	A Priori Assessment of Adipose Tissue Mechanical Testing by Global Sensitivity Analysis. <i>Journal of Biomechanical Engineering</i> , 2018, 140, .	1.3	6
15	Calibration of a class of non-linear viscoelasticity models with adaptive error control. <i>Computational Mechanics</i> , 2007, 41, 107-119.	4.0	5
16	Estimation of model errors in the calibration of viscoelastic material models. <i>International Journal for Numerical Methods in Engineering</i> , 2008, 76, 1568-1582.	2.8	5
17	Application-specific error control for parameter identification problems. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2011, 27, 608-618.	2.1	4
18	Calibration of a Nonlinear Elastic Composite With Goal-Oriented Error Control. <i>International Journal for Multiscale Computational Engineering</i> , 2005, 3, 363-378.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Multibody dynamic modelling of a direct wind turbine drive train. <i>Wind Engineering</i> , 2020, 44, 519-547.	1.9	3
20	A numerical study on the safety belt-to-pelvis interaction. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2022, 38, e3572.	2.1	3
21	Performance improvement of a transmission synchronizer via sensitivity analysis and Pareto optimization. <i>Cogent Engineering</i> , 2018, 5, 1471768.	2.2	2
22	Identification of Wheel-Rail Contact Forces Based on Strain Measurement and Finite Element Model of the Rolling Wheel. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2012, , 169-177.	0.5	1
23	Dynamics and Pareto Optimization of a Generic Synchronizer Mechanism. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2016, , 417-425.	0.5	1
24	Global Sensitivity Analysis of High Speed Shaft Subsystem of a Wind Turbine Drive Train. <i>International Journal of Rotating Machinery</i> , 2018, 2018, 1-20.	0.8	0
25	Numerical Modelling of Neutral Atmospheric Boundary Layer Flow Through Heterogeneous Forest Canopies in Complex Terrain (A Case Study of a Swedish Wind Farm). <i>SSRN Electronic Journal</i> , 0, , .	0.4	0