

Pierre Joyot

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

187
citations

1478505

6
h-index

1372567

10
g-index

20
all docs

20
docs citations

20
times ranked

120
citing authors

#	ARTICLE	IF	CITATIONS
1	Parametric inverse impulse response based on reduced order modeling and randomized excitations. <i>Mechanical Systems and Signal Processing</i> , 2020, 135, 106392.	8.0	0
2	Modeling and Numerical Simulation of Laminated Thermoplastic Composites Manufactured by Laser-Assisted Automatic Tape Placement. <i>International Polymer Processing</i> , 2020, 35, 471-480.	0.5	0
3	Model reduction method for the simulation of the selective laser melting process. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
4	Support for Decision Making in Design of Composite Laminated Structures. Part 2: Reduced Parametric Model-Based Optimization. <i>Applied Composite Materials</i> , 2019, 26, 663-681.	2.5	6
5	Support for Decision Making in Design of Composite Laminated Structures. Part 1: Parametric Knowledge Model. <i>Applied Composite Materials</i> , 2019, 26, 643-662.	2.5	7
6	Reduced-order model of optimal temperature control for the automated fibre placement process. <i>Comptes Rendus - Mecanique</i> , 2018, 346, 556-570.	2.1	2
7	An experiment-based method for parameter identification of a reduced multiscale parametric viscoelastic model of a laminated composite beam. <i>Multiscale and Multidisciplinary Modeling, Experiments and Design</i> , 2018, 1, 291-305.	2.1	2
8	On the use of model order reduction for simulating automated fibre placement processes. <i>Advanced Modeling and Simulation in Engineering Sciences</i> , 2016, 3, .	1.7	16
9	PGD-BEM Applied to the Nonlinear Heat Equation. , 2012, , .		0
10	Tangible user interfaces for physically-based deformation: design principles and first prototype. <i>Visual Computer</i> , 2012, 28, 799-808.	3.5	2
11	Non-incremental boundary element discretization of parabolic models based on the use of the proper generalized decompositions. <i>Engineering Analysis With Boundary Elements</i> , 2011, 35, 2-17.	3.7	11
12	Enriched Reproducing Kernel Particle Approximation for Simulating Problems Involving Moving Interfaces. , 2007, , 149-164.		2
13	Accounting for incompressibility in reproducing kernel particle meshless approximations. <i>European Journal of Computational Mechanics</i> , 2006, 15, 513-527.	0.6	0
14	Enriched Reproducing Kernel Approximation: Reproducing Functions with Discontinuous Derivatives. , 2005, , 93-107.		13
15	Conception Inversée Intégrée : pr dimensionnement de produits par satisfaction de contraintes Inverted Integrated Design: constraint satisfaction for design support system. <i>Mecanique Et Industries</i> , 2002, 3, 593-605.	0.2	3
16	Qualitative Constraints in Integrated Design. , 2002, , 35-42.		6
17	Mechanical modelling of high speed drilling. 2: predicted and experimental results. <i>International Journal of Machine Tools and Manufacture</i> , 1999, 39, 569-581.	13.4	44
18	Mechanical modelling of high speed drilling. 1: predicting torque and thrust. <i>International Journal of Machine Tools and Manufacture</i> , 1999, 39, 553-568.	13.4	72