

Karen Veroy-Grepl

List of Publications by Year in descending order

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papers

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docs citations

11
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning constitutive models from microstructural simulations via a non-intrusive reduced basis method. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2021, 384, 113924.	6.6	9
2	Certified Reduced Basis Methods for Parametrized Elliptic Optimal Control Problems with Distributed Controls. <i>Journal of Scientific Computing</i> , 2018, 75, 276-307.	2.3	22
3	An empirical interpolation approach to reduced basis approximations for variational inequalities. <i>Mathematical and Computer Modelling of Dynamical Systems</i> , 2016, 22, 345-361.	2.2	5
4	Certified Reduced Basis Methods for Parametrized Distributed Elliptic Optimal Control Problems with Control Constraints. <i>SIAM Journal of Scientific Computing</i> , 2016, 38, A3921-A3946.	2.8	23
5	A Certified Reduced Basis Approach for Parametrized Linear-Quadratic Optimal Control Problems with Control Constraints.... <i>IFAC-PapersOnLine</i> , 2015, 48, 719-720.	0.9	5
6	The Reduced Basis Method for an Elastic Buckling Problem. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2013, 13, 439-440.	0.2	2
7	Certified Reduced Basis Methods for Parametrized Saddle Point Problems. <i>SIAM Journal of Scientific Computing</i> , 2012, 34, A2812-A2836.	2.8	63
8	REDUCED BASIS <i>A POSTERIORI</i> ERROR BOUNDS FOR THE STOKES EQUATIONS IN PARAMETRIZED DOMAINS: A PENALTY APPROACH. <i>Mathematical Models and Methods in Applied Sciences</i> , 2011, 21, 2103-2134.	3.3	15
9	On the stability of the reduced basis method for Stokes equations in parametrized domains. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2007, 196, 1244-1260.	6.6	202
10	$\ \cdot\ _{\text{Natural norm}}$ a posteriori error estimators for reduced basis approximations. <i>Journal of Computational Physics</i> , 2006, 217, 37-62.	3.8	79
11	A Posteriori Error Estimation for Reduced-Basis Approximation of Parametrized Elliptic Coercive Partial Differential Equations: $\ \cdot\ _{\text{Convex Inverse}}$ Bound Conditioners. <i>ESAIM - Control, Optimisation and Calculus of Variations</i> , 2002, 8, 1007-1028.	1.3	43