

Karen Veroy-Grepl

List of Publications by Year in descending order

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papers

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citations

1163117

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docs citations

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228
citing authors

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