NÃºria ParÃ©s MarinÃ©

List of Publications by Year
in descending order

27 papers	440 citations	933264 10 h-index	713332 21 g-index
29 all docs	29 docs citations	29 times ranked	188 citing authors

#	Article	IF	Citations
1	Subdomain-based flux-free a posteriori error estimators. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 297-323.	3.4	93
2	The computation of bounds for linear-functional outputs of weak solutions to the two-dimensional elasticity equations. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 406-429.	3.4	68
3	Computing upper and lower bounds for the J-integral in two-dimensional linear elasticity. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 430-443.	3.4	39
4	Bounds of functional outputs for parabolic problems. Part I: Exact bounds of the discontinuous Galerkin time discretization. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 1641-1660.	3.4	32
5	Recovering lower bounds of the error by postprocessing implicit residuala posteriorierror estimates. International Journal for Numerical Methods in Engineering, 2003, 56, 1465-1488.	1.5	31
6	Bounds of functional outputs for parabolic problems. Part II: Bounds of the exact solution. Computer Methods in Applied Mechanics and Engineering, 2008, 197, 1661-1679.	3.4	29
7	Guaranteed energy error bounds for the Poisson equation using a flux–free approach: Solving the local problems in subdomains. International Journal for Numerical Methods in Engineering, 2009, 79, 1203-1244.	1.5	28
8	Exact Bounds for Linear Outputs of the Advection-Diffusion-Reaction Equation Using Flux-Free Error Estimates. SIAM Journal of Scientific Computing, 2009, 31, 3064-3089.	1.3	27
9	Estimation of the dispersion error in the numerical wave number of standard and stabilized finite element approximations of the Helmholtz equation. International Journal for Numerical Methods in Engineering, 2011, 86, 1197-1224.	1.5	12
10	Structural Damage Classification in a Jacket-Type Wind-Turbine Foundation Using Principal Component Analysis and Extreme Gradient Boosting. Sensors, 2021, 21, 2748.	2.1	12
11	A new equilibrated residual method improving accuracy and efficiency of flux-free error estimates. Computer Methods in Applied Mechanics and Engineering, 2017, 313, 785-816.	3.4	9
12	Goal-oriented space-time adaptivity for transient dynamics using a modal description of the adjoint solution. Computational Mechanics, 2014, 54, 331-352.	2.2	8
13	Modal–based goal–oriented error assessment for timeline–dependent quantities in transient dynamics. International Journal for Numerical Methods in Engineering, 2013, 95, 685-720.	1.5	7
14	Error Assessment in Structural Transient Dynamics. Archives of Computational Methods in Engineering, 2014, 21, 59-90.	6.0	7
15	Computable exact bounds for linear outputs from stabilized solutions of the advection–diffusion–reaction equation. International Journal for Numerical Methods in Engineering, 2013, 93, 483-509.	1.5	6
16	Data Classification Methodology for Electronic Noses Using Uniform Manifold Approximation and Projection and Extreme Learning Machine. Mathematics, 2022, 10, 29.	1.1	6
17	Bounds for quantities of interest and adaptivity in the element–free Galerkin method. International Journal for Numerical Methods in Engineering, 2008, 76, 1782-1818.	1.5	5
18	Accurate upper and lower error bounds by solving flux-free local problems in "stars". Revue Europeenne Des Elements, 2004, 13, 497-507.	0.1	4

#	Article	IF	Citations
19	Enhanced goal‐oriented error assessment and computational strategies in adaptive reduced basis solver for stochastic problems. International Journal for Numerical Methods in Engineering, 2017, 110, 440-466.	1.5	4
20	Use of wiris quizzes in an online calculus course. Journal of Technology and Science Education, 2017, 7, 221.	0.5	3
21	Goal-oriented h-adaptivity for the Helmholtz equation: error estimates, local indicators and refinement strategies. Computational Mechanics, 2011, 47, 681-699.	2.2	2
22	A new 3D equilibrated residual method improving accuracy and efficiency of flux‐free error estimates. International Journal for Numerical Methods in Engineering, 2019, 120, 391-432.	1.5	1
23	A posteriori goal-oriented bounds for the Poisson problem using potential and equilibrated flux reconstructions: Application to the hybridizable discontinuous Galerkin method. Computer Methods in Applied Mechanics and Engineering, 2021, 386, 114088.	3.4	1
24	Simultaneous upper and lower bound error assessment solving local problems on stars. , 2003, , 2086-2088.		1
25	Simultaneous upper and lower bound error assessment solving local problems on stars. , 2003, , 2086-2088.		0
26	Adaptividade e Estimativas de Erro Orientadas por Metas Aplicadas a um Benchmark Test de Propagação de Onda. TeMa, 2016, 17, 35.	0.1	0
27	Exact Bounds for Linear Outputs of the Convection-Diffusion-Reaction Equation Using Flux-Free Error Estimates. Lecture Notes in Computational Science and Engineering, 2008, , 215-230.	0.1	0