

Ernesto E Prudencio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10570457/publications.pdf>

Version: 2024-02-01

10
papers

429
citations

1040056

9
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Bayesian analysis to quantify uncertainties in the $H+O_2 \rightarrow OH+O$ reaction. <i>Combustion and Flame</i> , 2013, 160, 861-869.	5.2	20
2	Virtual model validation of complex multiscale systems: Applications to nonlinear elastostatics. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2013, 266, 162-184.	6.6	23
3	SELECTION AND ASSESSMENT OF PHENOMENOLOGICAL MODELS OF TUMOR GROWTH. <i>Mathematical Models and Methods in Applied Sciences</i> , 2013, 23, 1309-1338.	3.3	59
4	Bayesian uncertainty quantification of recent shock tube determinations of the rate coefficient of reaction $H + O_2 \rightarrow OH + O$. <i>International Journal of Chemical Kinetics</i> , 2012, 44, 586-597.	1.6	17
5	Fully implicit Lagrange-Newton-Krylov-Schwarz algorithms for boundary control of unsteady incompressible flows. <i>International Journal for Numerical Methods in Engineering</i> , 2012, 91, 644-665.	2.8	18
6	The Parallel C++ Statistical Library $\hat{=}$ QUESO $\hat{=}$ ™: Quantification of Uncertainty for Estimation, Simulation and Optimization. <i>Lecture Notes in Computer Science</i> , 2012, , 398-407.	1.3	25
7	Bayesian uncertainty analysis with applications to turbulence modeling. <i>Reliability Engineering and System Safety</i> , 2011, 96, 1137-1149.	8.9	193
8	Parallel Multilevel Restricted Schwarz Preconditioners with Pollution Removing for PDE-Constrained Optimization. <i>SIAM Journal of Scientific Computing</i> , 2007, 29, 964-985.	2.8	28
9	Robust Multilevel Restricted Schwarz Preconditioners and Applications. , 2007, , 155-162.		1
10	Parallel Full Space SQP Lagrange-Newton-Krylov-Schwarz Algorithms for PDE-Constrained Optimization Problems. <i>SIAM Journal of Scientific Computing</i> , 2006, 27, 1305-1328.	2.8	45