

So-Hsiang Chou

List of Publications by Year in descending order

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17
papers

393
citations

1040056

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888059

17
g-index

17
all docs

17
docs citations

17
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite-volume lattice Boltzmann method. <i>Physical Review E</i> , 1999, 59, 6202-6205.	2.1	108
2	Optimal convergence analysis of an immersed interface finite element method. <i>Advances in Computational Mathematics</i> , 2010, 33, 149-168.	1.6	59
3	Lp error estimates and superconvergence for covolume or finite volume element methods. <i>Numerical Methods for Partial Differential Equations</i> , 2003, 19, 463-486.	3.6	51
4	Finite-volume lattice Boltzmann schemes in two and three dimensions. <i>Physical Review E</i> , 1999, 60, 3380-3388.	2.1	42
5	Analysis and convergence of a MAC-like scheme for the generalized Stokes problem. <i>Numerical Methods for Partial Differential Equations</i> , 1997, 13, 147-162.	3.6	39
6	Multigrid algorithms for a vertex-centered covolume method for elliptic problems. <i>Numerische Mathematik</i> , 2002, 90, 441-458.	1.9	25
7	Characteristic-mixed covolume methods for advection-dominated diffusion problems. <i>Numerical Linear Algebra With Applications</i> , 2006, 13, 677-697.	1.6	14
8	Error estimates for mixed finite element methods for nonlinear parabolic problems. <i>Numerical Methods for Partial Differential Equations</i> , 1992, 8, 395-404.	3.6	12
9	A network model for incompressible two-fluid flow and its numerical solution. <i>Numerical Methods for Partial Differential Equations</i> , 1989, 5, 1-24.	3.6	9
10	The effect of numerical integration in finite element methods for nonlinear parabolic equations. <i>Numerical Methods for Partial Differential Equations</i> , 1990, 6, 263-274.	3.6	7
11	A domain decomposition algorithm for general covolume methods for elliptic problems. <i>Journal of Numerical Mathematics</i> , 2003, 11, .	3.5	7
12	Characteristicsâ€™ Galerkin and mixed finite element approximation of contamination by compressible nuclear waste-disposal in porous media. <i>Numerical Methods for Partial Differential Equations</i> , 1996, 12, 315-332.	3.6	6
13	Frequency dependence of the magnetostrictive phenomenon in Metglas® 2605SA1 ribbon: A minor-loop case. <i>AIP Advances</i> , 2014, 4, 127140.	1.3	6
14	Conservative flux recovery from the Q1 conforming finite element method on quadrilateral grids. <i>Numerical Methods for Partial Differential Equations</i> , 2004, 20, 104-127.	3.6	4
15	A domain decomposition algorithm for general covolume methods for elliptic problems. <i>Journal of Numerical Mathematics</i> , 2003, 11, 179-194.	3.5	2
16	A homotopy perturbation method for a class of truly nonlinear oscillators. <i>Annals of Mathematical Sciences and Applications</i> , 2021, 6, 3-23.	0.4	1
17	Eigendecompositions and fast eigensolvers for Maxwell equations. <i>Notices of the International Congress of Chinese Mathematicians</i> , 2016, 4, 46-54.	0.0	1