So-Hsiang Chou

List of Publications by Year
in descending order

17 papers	393 citations	1040056 9 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	257 citing authors

#	Article	IF	Citations
1	A homotopy perturbation method for a class of truly nonlinear oscillators. Annals of Mathematical Sciences and Applications, 2021, 6, 3-23.	0.4	1
2	Eigendecompositions and fast eigensolvers for Maxwell equations. Notices of the International Congress of Chinese Mathematicians, 2016, 4, 46-54.	0.0	1
3	Frequency dependence of the magnetostrictive phenomenon in Metglas® 2605SA1 ribbon: A minor-loop case. AIP Advances, 2014, 4, 127140.	1.3	6
4	Optimal convergence analysis of an immersed interface finite element method. Advances in Computational Mathematics, 2010, 33, 149-168.	1.6	59
5	Characteristic-mixed covolume methods for advection-dominated diffusion problems. Numerical Linear Algebra With Applications, 2006, 13, 677-697.	1.6	14
6	Conservative flux recovery from theQ1 conforming finite element method on quadrilateral grids. Numerical Methods for Partial Differential Equations, 2004, 20, 104-127.	3.6	4
7	Lp error estimates and superconvergence for covolume or finite volume element methods. Numerical Methods for Partial Differential Equations, 2003, 19, 463-486.	3.6	51
8	A domain decomposition algorithm for general covolume methods for elliptic problems. Journal of Numerical Mathematics, 2003, 11, .	3.5	7
9	A domain decomposition algorithm for general covolume methods for elliptic problems. Journal of Numerical Mathematics, 2003, 11, 179-194.	3.5	2
10	Multigrid algorithms for a vertex-centered covolume method for elliptic problems. Numerische Mathematik, 2002, 90, 441-458.	1.9	25
11	Finite-volume lattice Boltzmann schemes in two and three dimensions. Physical Review E, 1999, 60, 3380-3388.	2.1	42
12	Finite-volume lattice Boltzmann method. Physical Review E, 1999, 59, 6202-6205.	2.1	108
13	Analysis and convergence of a MAC-like scheme for the generalized Stokes problem. Numerical Methods for Partial Differential Equations, 1997, 13, 147-162.	3.6	39
14	Characteristics—Galerkin and mixed finite element approximation of contamination by compressible nuclear waste-disposal in porous media. Numerical Methods for Partial Differential Equations, 1996, 12, 315-332.	3.6	6
15	Error estimates for mixed finite element methods for nonlinear parabolic problems. Numerical Methods for Partial Differential Equations, 1992, 8, 395-404.	3.6	12
16	The effect of numerical integration in finite element methods for nonlinear parabolic equations. Numerical Methods for Partial Differential Equations, 1990, 6, 263-274.	3.6	7
17	A network model for incompressible two-fluid flow and its numerical solution. Numerical Methods for Partial Differential Equations, 1989, 5, 1-24.	3.6	9