

Mark Lyon

List of Publications by Year in descending order

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6
papers

212
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

85
citing authors

#	ARTICLE	IF	CITATIONS
1	High-order unconditionally stable FC-AD solvers for general smooth domains I. Basic elements. Journal of Computational Physics, 2010, 229, 2009-2033.	3.8	81
2	High-order unconditionally stable FC-AD solvers for general smooth domains II. Elliptic, parabolic and hyperbolic PDEs; theoretical considerations. Journal of Computational Physics, 2010, 229, 3358-3381.	3.8	66
3	A Fast Algorithm for Fourier Continuation. SIAM Journal of Scientific Computing, 2011, 33, 3241-3260.	2.8	34
4	Approximation error in regularized SVD-based Fourier continuations. Applied Numerical Mathematics, 2012, 62, 1790-1803.	2.1	18
5	High-order, Dispersionless "Fast-Hybrid" Wave Equation Solver. Part I: $O(1)$ Sampling Cost via Incident-Field Windowing and Recentering. SIAM Journal of Scientific Computing, 2020, 42, A1348-A1379.	2.8	8
6	Sobolev smoothing of SVD-based Fourier continuations. Applied Mathematics Letters, 2012, 25, 2227-2231.	2.7	5