

Mark Lyon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10694200/publications.pdf>

Version: 2024-02-01

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