

# Scott R Fulton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1549802/publications.pdf>

Version: 2024-02-01

16  
papers

136  
citations

1307594

7  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

86  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved spectral multigrid methods for periodic elliptic problems. <i>Journal of Computational Physics</i> , 1985, 58, 96-112.	3.8	28
2	Chebyshev Spectral Methods for Limited-Area Models. Part I: Model Problem Analysis. <i>Monthly Weather Review</i> , 1987, 115, 1940-1953.	1.4	20
3	Uniform approximation of singularly perturbed reaction-diffusion problems by the finite element method on a Shishkin mesh. <i>Numerical Methods for Partial Differential Equations</i> , 2003, 19, 89-111.	3.6	15
4	Balanced Atmospheric Response to Squall Lines. <i>Journals of the Atmospheric Sciences</i> , 1989, 46, 2478-2483.	1.7	14
5	An Adaptive Multigrid Barotropic Tropical Cyclone Track Model. <i>Monthly Weather Review</i> , 2001, 129, 138-151.	1.4	10
6	Chebyshev Spectral Methods for Limited-Area Models. Part II: Shallow Water Model. <i>Monthly Weather Review</i> , 1987, 115, 1954-1965.	1.4	9
7	Surface Frontogenesis in Isentropic Coordinates. <i>Journals of the Atmospheric Sciences</i> , 1991, 48, 2534-2541.	1.7	8
8	On the Gottlieb-Turkel time filter for Chebyshev spectral methods. <i>Journal of Computational Physics</i> , 1984, 55, 302-312.	3.8	6
9	Multigrid Solution of the Semigeostrophic Invertibility Relation. <i>Monthly Weather Review</i> , 1989, 117, 2059-2066.	1.4	5
10	CALCULUS ABCS: A GATEWAY FOR FRESHMAN CALCULUS. <i>Primus</i> , 2003, 13, 361-372.	0.5	5
11	A p-version MITC finite element method for Reissner's Mindlin plates with curved boundaries. <i>Journal of Computational and Applied Mathematics</i> , 2006, 192, 374-395.	2.0	5
12	A Dynamical Explanation of the Topographically Bound Easterly Low Level Jet Surrounding Antarctica. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,635.	3.3	4
13	An adaptive continuation-multigrid method for the balanced vortex model. <i>Journal of Computational Physics</i> , 2010, 229, 2236-2248.	3.8	3
14	Multigrid solution of non-linear balance equations in meteorology. <i>Communications in Applied Numerical Methods</i> , 1992, 8, 695-706.	0.5	2
15	A Semi-implicit spectral method for the anelastic equations. <i>Journal of Computational Physics</i> , 1993, 106, 299-305.	3.8	1
16	Evaluation of a Multigrid Barotropic Tropical Cyclone Track Model. <i>Monthly Weather Review</i> , 2003, 131, 1629-1636.	1.4	1