

Natasha Flyer

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

429
citations

2258059

3
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	On the role of polynomials in RBF-FD approximations: I. Interpolation and accuracy. Journal of Computational Physics, 2016, 321, 21-38.	3.8	172
2	A Primer on Radial Basis Functions with Applications to the Geosciences. , 2015, , .		110
3	Enhancing finite differences with radial basis functions: Experiments on the Navier–Stokes equations. Journal of Computational Physics, 2016, 316, 39-62.	3.8	91
4	On the role of polynomials in RBF-FD approximations: III. Behavior near domain boundaries. Journal of Computational Physics, 2019, 380, 378-399.	3.8	49
5	Convolutional Neural Networks for Predicting the Strength of the Near-Earth Magnetic Field Caused by Interplanetary Coronal Mass Ejections. Frontiers in Astronomy and Space Sciences, 2020, 7, .	2.8	2
6	Convolutional Neural Networks and Stokes Response Functions. Astrophysical Journal, 2022, 925, 176.	4.5	2
7	Solving 3D magnetohydrostatics with RBF-FD: Applications to the solar corona. Journal of Computational Physics, 2022, 462, 111214.	3.8	2
8	Reconstructing the Coronal Magnetic Field: The Role of Cross-field Currents in Solution Uniqueness. Astrophysical Journal, 2020, 898, 70.	4.5	1