

Steven R Brandt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6213856/publications.pdf>

Version: 2024-02-01

17
papers

549
citations

1163117

8
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	SYMMETRY WITHOUT SYMMETRY: NUMERICAL SIMULATION OF AXISYMMETRIC SYSTEMS USING CARTESIAN GRIDS. International Journal of Modern Physics D, 2001, 10, 273-289.	2.1	121
2	A survey of high level frameworks in block-structured adaptive mesh refinement packages. Journal of Parallel and Distributed Computing, 2014, 74, 3217-3227.	4.1	112
3	Evolution of distorted rotating black holes. II. Dynamics and analysis. Physical Review D, 1995, 52, 870-886.	4.7	58
4	Dynamics of Apparent and Event Horizons. Physical Review Letters, 1995, 74, 630-633.	7.8	57
5	Evolution of distorted rotating black holes. III. Initial data. Physical Review D, 1996, 54, 1403-1416.	4.7	57
6	HPX - The C++ Standard Library for Parallelism and Concurrency. Journal of Open Source Software, 2020, 5, 2352.	4.6	55
7	Test-beds and applications for apparent horizon finders in numerical relativity. Classical and Quantum Gravity, 2000, 17, 2159-2190.	4.0	42
8	Boussinesq modeling of wave-induced hydrodynamics in coastal wetlands. Journal of Geophysical Research: Oceans, 2017, 122, 3861-3883.	2.6	19
9	Asynchronous Execution of Python Code on Task-Based Runtime Systems. , 2018, , .		12
10	Effects of Wave Coherence on Longshore Variability of Nearshore Wave Processes. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017641.	2.6	7
11	The challenges of theory-software translation. F1000Research, 2020, 9, 1192.	1.6	4
12	The Prickly Pear Archive. Procedia Computer Science, 2011, 4, 750-758.	2.0	2
13	A sustainable collaboratory for coastal resilience research. Future Generation Computer Systems, 2020, 111, 786-792.	7.5	1
14	Implementation of Finite Height Levee in CaFunwave Using an Immersed Boundary Method. , 2015, , .		1
15	Distributed Asynchronous Array Computing with the JetLag Environment. , 2020, , .		1
16	Inkling: An Executable Paper System for Reviewing Scientific Applications. , 2013, , .		0
17	Interactive C++ code development using C++Explorer and GitHub classroom for educational purposes. Concurrency Computation Practice and Experience, 2023, 35, .	2.2	0