Christiane Helzel

List of Publications by Year
in descending order

8 papers	**225** citations	1684188 **5** h-index
8 all docs	**8** docs citations	**8** times ranked

1720034 **7** g-index

219 citing authors

#	ARTICLE	IF	CITATIONS
1	The Cartesian Grid Active Flux Method: Linear stability and bound preserving limiting. Applied Mathematics and Computation, 2021, 393, 125501.	2.2	4
2	A Third-Order Accurate Wave Propagation Algorithm for Hyperbolic Partial Differential Equations. Communications on Applied Mathematics and Computation, 2020, 2, 403-427.	1.7	0
3	An Active Flux Method for Cut Cell Grids. Springer Proceedings in Mathematics and Statistics, 2020, , 507-515.	0.2	4
4	A New ADER Method Inspired by the Active Flux Method. Journal of Scientific Computing, 2019, 80, 1463-1497.	2.3	17
5	Finite volume WENO methods for hyperbolic conservation laws on Cartesian grids with adaptive mesh refinement. Applied Mathematics and Computation, 2016, 272, 460-478.	2.2	22
6	Improved Accuracy of High-Order WENO Finite Volume Methods on Cartesian Grids. Journal of Scientific Computing, 2014, 61, 343-368.	2.3	46
7	An unstaggered constrained transport method for the 3D ideal magnetohydrodynamic equations. Journal of Computational Physics, 2011, 230, 3803-3829.	3.8	50
8	Logically Rectangular Grids and Finite Volume Methods for PDEs in Circular and Spherical Domains. SIAM Review, 2008, 50, 723-752.	9.5	82