Yong Liu

List of Publications by Year
in descending order

10 papers	**91** citations	1937457 **4** h-index	1474057 **9** g-index
10 all docs	**10** docs citations	**10** times ranked	**58** citing authors

#	ARTICLE	IF	CITATIONS
1	Entropy stable high order discontinuous Galerkin methods for ideal compressible MHD on structured meshes. Journal of Computational Physics, 2018, 354, 163-178.	1.9	42
2	An Oscillation-free Discontinuous Galerkin Method for Scalar Hyperbolic Conservation Laws. SIAM Journal on Numerical Analysis, 2021, 59, 1299-1324.	1.1	13
3	An Essentially Oscillation-Free Discontinuous Galerkin Method for Hyperbolic Systems. SIAM Journal of Scientific Computing, 2022, 44, A230-A259.	1.3	9
4	Optimal Error Estimates of the Semidiscrete Central Discontinuous Galerkin Methods for Linear Hyperbolic Equations. SIAM Journal on Numerical Analysis, 2018, 56, 520-541.	1.1	8
5	Analysis of optimal superconvergence of an ultraweak-local discontinuous Galerkin method for a time dependent fourth-order equation. ESAIM: Mathematical Modelling and Numerical Analysis, 2020, 54, 1797-1820.	0.8	8
6	Superconvergence of Ultra-Weak Discontinuous Galerkin Methods for the Linear Schrödinger Equation in One Dimension. Journal of Scientific Computing, 2020, 82, 1.	1.1	4
7	Certified Offline-Free Reduced Basis (COFRB) Methods for Stochastic Differential Equations Driven by Arbitrary Types of Noise. Journal of Scientific Computing, 2019, 81, 1210-1239.	1.1	2
8	Locally Divergence-Free Spectral-DG Methods for Ideal Magnetohydrodynamic Equations on Cylindrical Coordinates. Communications in Computational Physics, 2019, 26, 631-653.	0.7	2
9	A Class of Adaptive Multiresolution Ultra-Weak Discontinuous Galerkin Methods for Some Nonlinear Dispersive Wave Equations. SIAM Journal of Scientific Computing, 2022, 44, A745-A769.	1.3	2
10	Central discontinuous Galerkin methods on overlapping meshes for wave equations. ESAIM: Mathematical Modelling and Numerical Analysis, 2021, 55, 329-356.	0.8	1