

# Daisuke Furihata

## List of Publications by Year in descending order

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14  
papers

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citations

1307594

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1125743

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14  
all docs

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docs citations

14  
times ranked

327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrete variational derivative method—A structure-preserving numerical method for partial differential equations. Sugaku Expositions, 2018, 31, 231-255.	0.2	12
2	Geometric numerical integrators for Hunter—Saxton-like equations. Japan Journal of Industrial and Applied Mathematics, 2017, 34, 441-472.	0.9	6
3	Some discrete inequalities for central-difference type operators. Mathematics of Computation, 2016, 86, 1719-1739.	2.1	2
4	A stabilization of multistep linearly implicit schemes for dissipative systems. Journal of Computational and Applied Mathematics, 2014, 264, 38-48.	2.0	5
5	A new technique to design numerical schemes with weak nonlinearity based on discrete variational derivative method. , 2012, , .		0
6	Conservative finite difference schemes for the modified Camassa-Holm equation. JSIAM Letters, 2011, 3, 37-40.	0.5	2
7	Invariants-preserving integration of the modified Camassa—Holm equation. Japan Journal of Industrial and Applied Mathematics, 2011, 28, 351-381.	0.9	4
8	Nonlinear and linear conservative finite difference schemes for regularized long wave equation. Japan Journal of Industrial and Applied Mathematics, 2009, 26, 15-40.	0.9	13
9	A stable, convergent, conservative and linear finite difference scheme for the Cahn-Hilliard equation. Japan Journal of Industrial and Applied Mathematics, 2003, 20, 65-85.	0.9	30
10	Spatially accurate dissipative or conservative finite difference schemes derived by the discrete variational method. Japan Journal of Industrial and Applied Mathematics, 2002, 19, 311-330.	0.9	25
11	A stable and conservative finite difference scheme for the Cahn-Hilliard equation. Numerische Mathematik, 2001, 87, 675-699.	1.9	214
12	Finite-difference schemes for nonlinear wave equation that inherit energy conservation property. Journal of Computational and Applied Mathematics, 2001, 134, 37-57.	2.0	98
13	Dissipative or Conservative Finite-Difference Schemes for Complex-Valued Nonlinear Partial Differential Equations. Journal of Computational Physics, 2001, 171, 425-447.	3.8	112
14	Finite Difference Schemes for $\hat{u}_t = (\hat{u}, \hat{x}) \hat{I} \pm \hat{G} \hat{u}$ That Inherit Energy Conservation or Dissipation Property. Journal of Computational Physics, 1999, 156, 181-205.	3.8	132