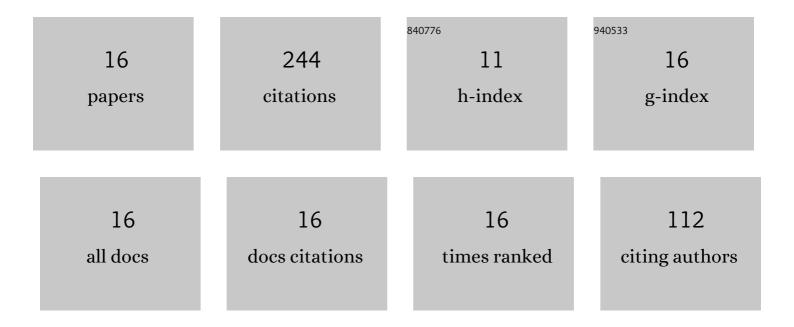
Philsu Kim

List of Publications by Year in descending order

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<u> Ринси Кім</u>

#	Article	IF	CITATIONS
1	Permanence and stability of an Ivlev-type predator–prey system with impulsive control strategies. Mathematical and Computer Modelling, 2009, 50, 1385-1393.	2.0	31
2	An Error Corrected Euler Method for Solving Stiff Problems Based on Chebyshev Collocation. SIAM Journal on Numerical Analysis, 2011, 49, 2211-2230.	2.3	26
3	Two trigonometric quadrature formulae for evaluating hypersingular integrals. International Journal for Numerical Methods in Engineering, 2003, 56, 469-486.	2.8	25
4	A semi-Lagrangian approach for numerical simulation of coupled Burgers' equations. Communications in Nonlinear Science and Numerical Simulation, 2019, 69, 31-44.	3.3	23
5	A New Sigmoidal Transformation for Weakly Singular Integrals in the Boundary Element Method. SIAM Journal of Scientific Computing, 2003, 24, 1203-1217.	2.8	19
6	An iteration free backward semi-Lagrangian scheme for solving incompressible Navier–Stokes equations. Journal of Computational Physics, 2015, 283, 189-204.	3.8	19
7	Convergence on error correction methods for solving initial value problems. Journal of Computational and Applied Mathematics, 2012, 236, 4448-4461.	2.0	18
8	Development of semi-Lagrangian gyrokinetic code for full-f turbulence simulation in general tokamak geometry. Journal of Computational Physics, 2015, 283, 518-540.	3.8	16
9	An Iteration Free Backward Semi-Lagrangian Scheme for Guiding Center Problems. SIAM Journal on Numerical Analysis, 2015, 53, 619-643.	2.3	13
10	A quadrature rule of interpolatory type for Cauchy integrals. Journal of Computational and Applied Mathematics, 2000, 126, 207-220.	2.0	11
11	One-step L(α)-stable temporal integration for the backward semi-Lagrangian scheme and its application in guiding center problems. Journal of Computational Physics, 2018, 366, 327-340.	3.8	11
12	A completely explicit scheme of Cauchy problem in BSLM for solving the Navier–Stokes equations. Journal of Computational Physics, 2020, 401, 109028.	3.8	10
13	Simple ECEM Algorithms Using Function Values Only. Kyungpook Mathematical Journal, 2013, 53, 573-591.	0.3	7
14	A piecewise linear quadrature of Cauchy singular integrals. Journal of Computational and Applied Mathematics, 1998, 95, 101-115.	2.0	6
15	On the convergence of interpolatory-type quadrature rules for evaluating Cauchy integrals. Journal of Computational and Applied Mathematics, 2002, 149, 381-395.	2.0	6
16	A fast singly diagonally implicit runge–kutta method for solving 1D unsteady convectionâ€diffusion equations. Numerical Methods for Partial Differential Equations, 2014, 30, 788-812.	3.6	3