

Irina V Ostrovskaya

List of Publications by Year in descending order

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1478505

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1588992

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docs citations

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13
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear stability analysis of a regular vortex pentagon outside a circle. Regular and Chaotic Dynamics, 2012, 17, 385-396.	0.8	18
2	Stability of the Thomson vortex polygon with evenly many vortices outside a circular domain. Siberian Mathematical Journal, 2010, 51, 463-474.	0.6	11
3	On the stability of discrete tripole, quadrupole, Thomson's vortex triangle and square in a two-layer/homogeneous rotating fluid. Regular and Chaotic Dynamics, 2016, 21, 291-334.	0.8	11
4	A survey of the stability criteria of Thomson's vortex polygons outside a circular domain. Boletín De La Sociedad Matemática Mexicana, 2016, 22, 733-744.	0.7	9
5	On Stability of Thomson's Vortex N-gon in the Geostrophic Model of the Point Bessel Vortices. Regular and Chaotic Dynamics, 2017, 22, 865-879.	0.8	8
6	On Stability of the Thomson's Vortex N-gon in the Geostrophic Model of the Point Vortices in Two-layer Fluid. Journal of Nonlinear Science, 2019, 29, 1659-1700.	2.1	6
7	Stability of discrete vortex multipoles in homogeneous and two-layer rotating fluid. Doklady Physics, 2015, 60, 217-223.	0.7	3
8	On the Effects of Circulation around a Circle on the Stability of a Thomson Vortex N-gon. Mathematics, 2020, 8, 1033.	2.2	3
9	Resonances in the Stability Problem of a Point Vortex Quadrupole on a Plane. Regular and Chaotic Dynamics, 2021, 26, 526-542.	0.8	0
10	The stability criterion of a regular vortex pentagon outside a circle. Nelineinaya Dinamika, 2012, , 355-368.	0.3	0
11	On the Stability of Stationary Rotation of a Point Vortices System in a Circular Domain. Izvestiya Vuzov Severo-kavkazskii Region Natural Science (ivskrns), 2015, , 68-73.	0.0	0