

# Henryk Kudela

## List of Publications by Year in descending order

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13  
papers

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citations

1684188  
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docs citations

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times ranked

44  
citing authors

#	ARTICLE	IF	CITATIONS
1	Collapse of $n$ Point Vortices, Formation of the Vortex Sheets and Transport of Passive Markers. <i>Energies</i> , 2021, 14, 943.	3.1	3
2	Vortex Trapping Cavity on Airfoil: High-Order Penalized Vortex Method Numerical Simulation and Water Tunnel Experimental Investigation. <i>Energies</i> , 2021, 14, 8402.	3.1	8
3	Collapse of $n$ -vortices, vortex sheets and coherent structures. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
4	Transitions in the vortex wake behind the plunging profile. <i>Fluid Dynamics Research</i> , 2014, 46, 061406.	1.3	13
5	Vortex particle method in parallel computations on graphical processing units used in study of the evolution of vortex structures. <i>Fluid Dynamics Research</i> , 2014, 46, 061414.	1.3	0
6	Self-Similar Collapse of $n$ Point Vortices. <i>Journal of Nonlinear Science</i> , 2014, 24, 913-933.	2.1	8
7	The 3D vortex particle method in parallel computations on many GPUs. <i>Computers and Fluids</i> , 2014, 92, 274-280.	2.5	2
8	Collapse of $n$ -point vortices in self-similar motion. <i>Fluid Dynamics Research</i> , 2014, 46, 031414.	1.3	12
9	Hydrodynamic lift force generated on the accelerated profile. <i>Journal of Physics: Conference Series</i> , 2014, 530, 012017.	0.4	0
10	Numerical study of the vortex tube reconnection using vortex particle method on many graphics cards. <i>Journal of Physics: Conference Series</i> , 2014, 530, 012021.	0.4	2
11	Parallel computations on GPU in 3D using the vortex particle method. <i>Computers and Fluids</i> , 2013, 80, 423-428.	2.5	12
12	Parallel Computation of Vortex Tube Reconnection Using a Graphics Card and the 3D Vortex "in" Cell Method. <i>Procedia IUTAM</i> , 2013, 7, 59-66.	1.2	2
13	Modeling vortex rings dynamics with vortex in cell method. <i>Journal of Physics: Conference Series</i> , 2011, 318, 062014.	0.4	1