

# Cecilia Rorai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5415314/publications.pdf>

Version: 2024-02-01

12  
papers

233  
citations

1163117

8  
h-index

1281871

11  
g-index

12  
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12  
docs citations

12  
times ranked

305  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the limitations of some popular numerical models of flagellated microswimmers: importance of long-range forces and flagellum waveform. Royal Society Open Science, 2019, 6, 180745.	2.4	8
2	Approach and separation of quantised vortices with balanced cores. Journal of Fluid Mechanics, 2016, 808, 641-667.	3.4	26
3	Hydrodynamic Focusing of an Elastic Capsule in Stokes flow: An Exploratory Numerical Study. Procedia IUTAM, 2015, 16, 41-49.	1.2	2
4	Stably stratified turbulence in the presence of large-scale forcing. Physical Review E, 2015, 92, 013003.	2.1	17
5	Helical Turbulence in Fluids and MHD. ERCOFTAC Series, 2015, , 549-559.	0.1	2
6	Motion of an elastic capsule in a constricted microchannel. European Physical Journal E, 2015, 38, 134.	1.6	23
7	Turbulence comes in bursts in stably stratified flows. Physical Review E, 2014, 89, 043002.	2.1	51
8	A microfluidic device to sort capsules by deformability: a numerical study. Soft Matter, 2014, 10, 7705-7711.	2.7	49
9	Propagating and annihilating vortex dipoles in the Gross-Pitaevskii equation. Physical Review B, 2013, 88, .	3.2	16
10	Helicity dynamics in stratified turbulence in the absence of forcing. Physical Review E, 2013, 87, 063007.	2.1	30
11	Quantized vortex reconnection: Fixed points and initial conditions. Physical Review B, 2012, 86, .	3.2	8
12	Modeling the saltwater intrusion in the lowlying catchment of the southern Venice Lagoon, Italy. , 2009, , .		1