

# Yves Couder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11848162/publications.pdf>

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13  
papers

2,010  
citations

687363

13  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1368  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable bimodal explorations of space from memory-driven deterministic dynamics. <i>Physical Review E</i> , 2019, 100, 032201.	2.1	19
2	Introduction to focus issue on hydrodynamic quantum analogs. <i>Chaos</i> , 2018, 28, 096001.	2.5	31
3	Self-attraction into spinning eigenstates of a mobile wave source by its emission back-reaction. <i>Physical Review E</i> , 2016, 94, 042224.	2.1	34
4	Interaction of two walkers: Wave-mediated energy and force. <i>Physical Review E</i> , 2014, 90, 063017.	2.1	31
5	Self-organization into quantized eigenstates of a classical wave-driven particle. <i>Nature Communications</i> , 2014, 5, 3219.	12.8	110
6	Wavelike statistics from pilot-wave dynamics in a circular corral. <i>Physical Review E</i> , 2013, 88, 011001.	2.1	115
7	Information stored in Faraday waves: the origin of a path memory. <i>Journal of Fluid Mechanics</i> , 2011, 674, 433-463.	3.4	131
8	Path-memory induced quantization of classical orbits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17515-17520.	7.1	160
9	Turning a plant tissue into a living cell froth through isotropic growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8453-8458.	7.1	107
10	Developmental Patterning by Mechanical Signals in <i>Arabidopsis</i> . <i>Science</i> , 2008, 322, 1650-1655.	12.6	795
11	Single-Particle Diffraction and Interference at a Macroscopic Scale. <i>Physical Review Letters</i> , 2006, 97, 154101.	7.8	248
12	Particle-wave association on a fluid interface. <i>Journal of Fluid Mechanics</i> , 2006, 554, 85.	3.4	185
13	Self-Adaptation in Vibrating Soap Films. <i>Physical Review Letters</i> , 1999, 82, 3847-3850.	7.8	44