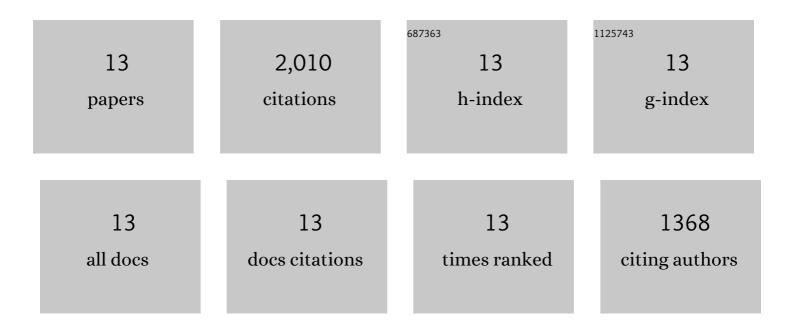
## **Yves Couder**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11848162/publications.pdf Version: 2024-02-01



YVES COUDED

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