

# Emmanuel Fort

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8507606/publications.pdf>

Version: 2024-02-01

24  
papers

1,192  
citations

759233

12  
h-index

752698

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Particle Diffraction and Interference at a Macroscopic Scale. <i>Physical Review Letters</i> , 2006, 97, 154101.	7.8	248
2	Time reversal and holography with spacetime transformations. <i>Nature Physics</i> , 2016, 12, 972-977.	16.7	169
3	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
4	Information stored in Faraday waves: the origin of a path memory. <i>Journal of Fluid Mechanics</i> , 2011, 674, 433-463.	3.4	131
5	Wavelike statistics from pilot-wave dynamics in a circular corral. <i>Physical Review E</i> , 2013, 88, 011001.	2.1	115
6	Self-organization into quantized eigenstates of a classical wave-driven particle. <i>Nature Communications</i> , 2014, 5, 3219.	12.8	110
7	Nanometric axial localization of single fluorescent molecules with modulated excitation. <i>Nature Photonics</i> , 2021, 15, 297-304.	31.4	70
8	Combining 3D single molecule localization strategies for reproducible bioimaging. <i>Nature Communications</i> , 2019, 10, 1980.	12.8	35
9	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
10	Interaction of two walkers: Wave-mediated energy and force. <i>Physical Review E</i> , 2014, 90, 063017.	2.1	31
11	Floating under a levitating liquid. <i>Nature</i> , 2020, 585, 48-52.	27.8	25
12	Phase-conjugate mirror for water waves driven by the Faraday instability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8809-8814.	7.1	21
13	Experimental Implementation of Wave Propagation in Disordered Time-Varying Media. <i>Physical Review Letters</i> , 2022, 128, 094503.	7.8	12
14	Frequency Conversion Cascade by Crossing Multiple Space and Time Interfaces. <i>Physical Review Letters</i> , 2022, 128, 064501.	7.8	10
15	Observation of the Talbot effect with water waves. <i>American Journal of Physics</i> , 2019, 87, 38-43.	0.7	9
16	Liquid walls and interfaces in arbitrary directions stabilized by vibrations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	3
17	Time-modulated excitation for enhanced single-molecule localization microscopy. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20200299.	3.4	3
18	Probing Floquet modes in a time periodic system with time defects using Faraday instability. <i>Europhysics Letters</i> , 2020, 131, 24007.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Spontaneous emergence of a spin state for an emitter in a time-varying medium. European Physical Journal Plus, 2022, 137, 1.	2.6	2
20	Liquid interface shaping and transport phenomena induced by spatially inhomogeneous vibrations. European Physical Journal Plus, 2022, 137, 1.	2.6	1
21	Space-Time Folding of the Wake Produced by a Supercritical Rotating Point Source. Physical Review Letters, 2019, 122, 104301.	7.8	0
22	Miroirs temporels instantanés : une nouvelle approche du retournement temporel. , 2021, , 28-33.	0.1	0
23	Experimental teaching "A tribute to Yves Couder by the example: stroboscopy and fluorescence lifetime with a fan. Comptes Rendus - Mécanique, 2020, 348, 439-445.	0.7	0
24	Mean arc theorem for exploring domains with randomly distributed arbitrary closed trajectories. European Physical Journal Plus, 2022, 137, .	2.6	0