

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 | Frequency Conversion Cascade by Crossing Multiple Space and Time Interfaces. <i>Physical Review Letters</i> , 2022, 128, 064501. | 7.8 | 10 |
| 2 | 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 |
| 3 | Liquid interface shaping and transport phenomena induced by spatially inhomogeneous vibrations. <i>European Physical Journal Plus</i> , 2022, 137, 1. | 2.6 | 1 |
| 4 | Experimental Implementation of Wave Propagation in Disordered Time-Varying Media. <i>Physical Review Letters</i> , 2022, 128, 094503. | 7.8 | 12 |
| 5 | Spontaneous emergence of a spin state for an emitter in a time-varying medium. <i>European Physical Journal Plus</i> , 2022, 137, 1. | 2.6 | 2 |
| 6 | Mean arc theorem for exploring domains with randomly distributed arbitrary closed trajectories. <i>European Physical Journal Plus</i> , 2022, 137, . | 2.6 | 0 |
| 7 | Nanometric axial localization of single fluorescent molecules with modulated excitation. <i>Nature Photonics</i> , 2021, 15, 297-304. | 31.4 | 70 |
| 8 | Miroirs temporels instantanés : une nouvelle approche du retournement temporel. , 2021, , 28-33. | 0.1 | 0 |
| 9 | 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 |
| 10 | Floating under a levitating liquid. <i>Nature</i> , 2020, 585, 48-52. | 27.8 | 25 |
| 11 | Probing Floquet modes in a time periodic system with time defects using Faraday instability. <i>Europhysics Letters</i> , 2020, 131, 24007. | 2.0 | 2 |
| 12 | Experimental teaching "A tribute to Yves Couder by the example: stroboscopy and fluorescence lifetime with a fan. <i>Comptes Rendus - Mecanique</i> , 2020, 348, 439-445. | 0.7 | 0 |
| 13 | Combining 3D single molecule localization strategies for reproducible bioimaging. <i>Nature Communications</i> , 2019, 10, 1980. | 12.8 | 35 |
| 14 | 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 |
| 15 | Space-Time Folding of the Wake Produced by a Supercritical Rotating Point Source. <i>Physical Review Letters</i> , 2019, 122, 104301. | 7.8 | 0 |
| 16 | Observation of the Talbot effect with water waves. <i>American Journal of Physics</i> , 2019, 87, 38-43. | 0.7 | 9 |
| 17 | Time reversal and holography with spacetime transformations. <i>Nature Physics</i> , 2016, 12, 972-977. | 16.7 | 169 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Interaction of two walkers: Wave-mediated energy and force. <i>Physical Review E</i> , 2014, 90, 063017. | 2.1 | 31 |
| 20 | Self-organization into quantized eigenstates of a classical wave-driven particle. <i>Nature Communications</i> , 2014, 5, 3219. | 12.8 | 110 |
| 21 | Wavelike statistics from pilot-wave dynamics in a circular corral. <i>Physical Review E</i> , 2013, 88, 011001. | 2.1 | 115 |
| 22 | Information stored in Faraday waves: the origin of a path memory. <i>Journal of Fluid Mechanics</i> , 2011, 674, 433-463. | 3.4 | 131 |
| 23 | 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 |
| 24 | Single-Particle Diffraction and Interference at a Macroscopic Scale. <i>Physical Review Letters</i> , 2006, 97, 154101. | 7.8 | 248 |