# Antonin L Coutant

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5041795/publications.pdf

Version: 2024-02-01

| 23 | 578 | 687363 13 | 677142 22 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 24 | 24 | 24 | 383 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Subwavelength Su-Schrieffer-Heeger topological modes in acoustic waveguides. Journal of the Acoustical Society of America, 2022, 151, 3626-3632. | 1.1 | 0 |
| 2 | Topological two-dimensional Suâ€“Schriefferâ€“Heeger analog acoustic networks: Total reflection at corners and corner induced modes. Journal of Applied Physics, 2021, 129, . | 2.5 | 10 |
| 3 | Acoustic Su-Schrieffer-Heeger lattice: Direct mapping of acoustic waveguides to the Su-Schrieffer-Heeger model. Physical Review B, 2021, 103, . | 3.2 | 24 |
| 4 | Robustness of topological corner modes against disorder with application to acoustic networks. Physical Review B, 2020, 102, . | 3.2 | 22 |
| 5 | Anomalous transmission through periodic resistive sheets. Journal of the Acoustical Society of America, 2020, 147, 3124-3135. | 1.1 | 3 |
| 6 | Slow sound laser in lined flow ducts. Journal of the Acoustical Society of America, 2019, 146, 2632-2644. | 1.1 | 5 |
| 7 | Quasi-normal modes and fermionic vacuum decay around a Kerr black hole. Classical and Quantum Gravity, 2019, 36, 035005. | 4.0 | 2 |
| 8 | Low-frequency analogue Hawking radiation: The Kortewegâ€“de Vries model. Physical Review D, 2018, 97, . | 4.7 | 12 |
| 9 | Low-frequency analogue Hawking radiation: The Bogoliubov-de Gennes model. Physical Review D, 2018, 97, . | 4.7 | 18 |
| 10 | Waves on a vortex: rays, rings and resonances. Journal of Fluid Mechanics, 2018, 857, 291-311. | 3.4 | 18 |
| 11 | Black Hole Quasibound States from a Draining Bathtub Vortex Flow. Physical Review Letters, 2018, 121, 061101. | 7.8 | 32 |
| 12 | Rotational superradiant scattering in a vortex flow. Nature Physics, 2017, 13, 833-836. | 16.7 | 160 |
| 13 | Detecting Rotational Superradiance in Fluid Laboratories. Physical Review Letters, 2016, 117, 271101. | 7.8 | 36 |
| 14 | Dynamical instabilities and quasi-normal modes, a spectral analysis with applications to black-hole physics. Classical and Quantum Gravity, 2016, 33, 125032. | 4.0 | 8 |
| 15 | The imprint of the analogue Hawking effect in subcritical flows. Physical Review D, 2016, 94, . | 4.7 | 20 |
| 16 | Semiclassical momentum representation in quantum cosmology. Physical Review D, 2016, 93, . | 4.7 | 1 |
| 17 | Hawking radiation with dispersion: The broadened horizon paradigm. Physical Review D, 2014, 90, . | 4.7 | 18 |
| 18 | Unitary and nonunitary transitions around a cosmological bounce. Physical Review D, 2014, 89, . | 4.7 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Undulations from amplified low frequency surface waves. Physics of Fluids, 2014, 26, 044106. | 4.0 | 33 |
| 20 | Hawking radiation of massive modes and undulations. Physical Review D, 2012, 86, . | 4.7 | 24 |
| 21 | Impossibility of superluminal travel in Lorentz violating theories. Physical Review D, 2012, 85, . | 4.7 | 10 |
| 22 | Black hole radiation with short distance dispersion, an analytical<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi></mml:math>-matrix approach. Physical Review D, 2012, 85, . | 4.7 | 66 |
| 23 | Black hole lasers, a mode analysis. Physical Review D, 2010, 81, . | 4.7 | 53 |