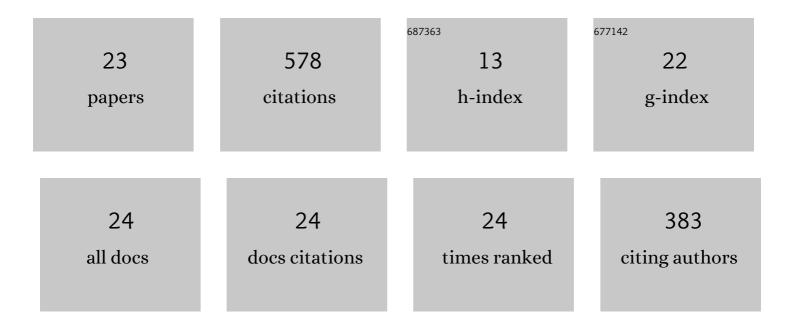
## Antonin L Coutant

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5041795/publications.pdf Version: 2024-02-01



#	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 Su–Schrieffer–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 Korteweg–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

2

ANTONIN L COUTANT

#	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"&gt;<mml:mi>S</mml:mi>-matrix approach. Physical Review D, 2012, 85, .</mml:math 	4.7	66
23	Black hole lasers, a mode analysis. Physical Review D, 2010, 81, .	4.7	53