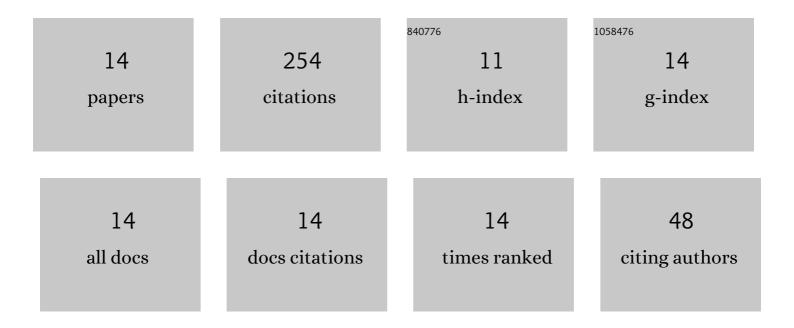
Lorenzo Gavassino

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5555944/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Thermodynamic Stability Implies Causality. Physical Review Letters, 2022, 128, 010606.	7.8	29
2	Extending Israel and Stewart hydrodynamics to relativistic superfluids via Carter's multifluid approach. Physical Review D, 2022, 105, .	4.7	11
3	Proving the Lorentz Invariance of the Entropy and the Covariance of Thermodynamics. Foundations of Physics, 2022, 52, 1.	1.3	6
4	Fluctuating relativistic dissipative hydrodynamics as a gauge theory. Annals of Physics, 2022, 442, 168902.	2.8	14
5	Stability and causality of Carter's multifluid theory. Classical and Quantum Gravity, 2022, 39, 185008.	4.0	12
6	Bulk viscosity in relativistic fluids: from thermodynamics to hydrodynamics. Classical and Quantum Gravity, 2021, 38, 075001.	4.0	18
7	Unified Extended Irreversible Thermodynamics and the Stability of Relativistic Theories for Dissipation. Frontiers in Astronomy and Space Sciences, 2021, 8, .	2.8	19
8	Applying the Gibbs stability criterion to relativistic hydrodynamics. Classical and Quantum Gravity, 2021, 38, 21LT02.	4.0	17
9	Superfluid Dynamics in Neutron Star Crusts: The Iordanskii Force and Chemical Gauge Covariance. Universe, 2021, 7, 28.	2.5	9
10	Thermodynamics of uncharged relativistic multifluids. Classical and Quantum Gravity, 2020, 37, 025014.	4.0	28
11	Multifluid Modelling of Relativistic Radiation Hydrodynamics. Symmetry, 2020, 12, 1543.	2.2	17
12	The Zeroth Law of Thermodynamics in Special Relativity. Foundations of Physics, 2020, 50, 1554-1586.	1.3	15
13	When the entropy has no maximum: A new perspective on the instability of the first-order theories of dissipation. Physical Review D, 2020, 102, .	4.7	37
14	A universal formula for the relativistic correction to the mutual friction coupling time-scale in neutron stars. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3562-3580.	4.4	22