

# Vasco Cavina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2140277/publications.pdf>

Version: 2024-02-01

12  
papers

337  
citations

933447

10  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximum-power heat engines and refrigerators in the fast-driving regime. Physical Review A, 2021, 104, .	2.5	18
2	Work Statistics across a Quantum Phase Transition. Physical Review Letters, 2020, 124, 170603.	7.8	32
3	Discrimination of thermal baths by single-qubit probes. Physical Review Research, 2020, 2, .	3.6	11
4	Quantum bath statistics tagging. Physical Review A, 2019, 100, .	2.5	5
5	Optimal Probabilistic Work Extraction beyond the Free Energy Difference with a Single-Electron Device. Physical Review Letters, 2019, 122, 150604.	7.8	34
6	Non-equilibrium quantum thermometry. , 2019, , .		0
7	Bridging thermodynamics and metrology in nonequilibrium quantum thermometry. Physical Review A, 2018, 98, .	2.5	37
8	Variational approach to the optimal control of coherently driven, open quantum system dynamics. Physical Review A, 2018, 98, .	2.5	12
9	Geometrical Bounds on Irreversibility in Open Quantum Systems. Physical Review Letters, 2018, 121, 160602.	7.8	26
10	Optimal thermodynamic control in open quantum systems. Physical Review A, 2018, 98, .	2.5	32
11	Slow Dynamics and Thermodynamics of Open Quantum Systems. Physical Review Letters, 2017, 119, 050601.	7.8	117
12	Optimal processes for probabilistic work extraction beyond the second law. Scientific Reports, 2016, 6, 29282.	3.3	13