

# Uttam Singh

## List of Publications by Year in descending order

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16  
papers

1,357  
citations

687220

13  
h-index

940416

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

780  
citing authors

#	ARTICLE	IF	CITATIONS
1	Partial order on passive states and Hoffman majorization in quantum thermodynamics. Physical Review Research, 2021, 3, .	1.3	4
2	Quantum thermodynamics in a multipartite setting: A resource theory of local Gaussian work extraction for multimode bosonic systems. Physical Review A, 2019, 100, .	1.0	12
3	Asymmetry and coherence weight of quantum states. Physical Review A, 2018, 97, .	1.0	52
4	Average subentropy, coherence and entanglement of random mixed quantum states. Annals of Physics, 2017, 377, 125-146.	1.0	21
5	Maximum Relative Entropy of Coherence: An Operational Coherence Measure. Physical Review Letters, 2017, 119, 150405.	2.9	141
6	Uncertainty Relations for Quantum Coherence. Mathematics, 2016, 4, 47.	1.1	38
7	Coherence-breaking channels and coherence sudden death. Physical Review A, 2016, 94, .	1.0	25
8	Average coherence and its typicality for random pure states. Physical Review A, 2016, 93, .	1.0	36
9	Energy cost of creating quantum coherence. Physical Review A, 2016, 93, .	1.0	66
10	Catalytic coherence transformations. Physical Review A, 2016, 93, .	1.0	47
11	Measuring Quantum Coherence with Entanglement. Physical Review Letters, 2015, 115, 020403.	2.9	665
12	Quantum Rényi relative entropies affirm universality of thermodynamics. Physical Review E, 2015, 92, 042161.	0.8	20
13	Measuring non-Hermitian operators via weak values. Physical Review A, 2015, 92, .	1.0	45
14	Maximally coherent mixed states: Complementarity between maximal coherence and mixedness. Physical Review A, 2015, 91, .	1.0	120
15	Quantum discord with weak measurements. Annals of Physics, 2014, 343, 141-152.	1.0	55
16	Enhancing robustness of multiparty quantum correlations using weak measurement. Annals of Physics, 2014, 350, 50-68.	1.0	10