

Francesco Mattiotti

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

141
citations

1478505

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1720034

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9
all docs

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docs citations

9
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Disorder-Enhanced and Disorder-Independent Transport with Long-Range Hopping: Application to Molecular Chains in Optical Cavities. <i>Physical Review Letters</i> , 2021, 126, 153201.	7.8	41
2	Non-Hermitian Hamiltonian approach to quantum transport in disordered networks with sinks: Validity and effectiveness. <i>Physical Review B</i> , 2015, 91, .	3.2	31
3	Thermal Decoherence of Superradiance in Lead Halide Perovskite Nanocrystal Superlattices. <i>Nano Letters</i> , 2020, 20, 7382-7388.	9.1	29
4	Temperature of a single chaotic eigenstate. <i>Physical Review E</i> , 2017, 95, 042135.	2.1	13
5	Macroscopic coherence as an emergent property in molecular nanotubes. <i>New Journal of Physics</i> , 2019, 21, 013019.	2.9	12
6	Real and imaginary energy gaps: a comparison between single excitation Superradiance and Superconductivity and robustness to disorder. <i>European Physical Journal B</i> , 2019, 92, 1.	1.5	8
7	Efficient light harvesting and photon sensing via engineered cooperative effects. <i>New Journal of Physics</i> , 2022, 24, 013027.	2.9	4
8	Bio-inspired natural sunlight-pumped lasers. <i>New Journal of Physics</i> , 0, , .	2.9	2
9	Superradiance, disorder, and the non-Hermitian Hamiltonian in open quantum systems. , 2014, , .		1