

# Chahan M Kropf

## List of Publications by Year in descending order

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13  
papers

152  
citations

1684188

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1199594

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g-index

24  
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docs citations

24  
times ranked

218  
citing authors

#	ARTICLE	IF	CITATIONS
1	Open Quantum Systemsâ€™ Decay across Time. Physical Review Letters, 2021, 126, 210401.	7.8	6
2	Electric-field assisted optimal quantum transport of photo-excitations in polar heterostructures. Physica E: Low-Dimensional Systems and Nanostructures, 2020, 120, 114023.	2.7	4
3	Deep neural network for x-ray photoelectron spectroscopy data analysis. Machine Learning: Science and Technology, 2020, 1, 015008.	5.0	11
4	Channel Coding of a Quantum Measurement. IEEE Journal on Selected Areas in Communications, 2020, 38, 439-448.	14.0	5
5	Erratum to "Channel Coding of a Quantum Measurement". IEEE Journal on Selected Areas in Communications, 2020, 38, 980-980.	14.0	0
6	Protecting quantum coherences from static noise and disorder. Physical Review Research, 2020, 2, .	3.6	7
7	Towards high-temperature coherence-enhanced transport in heterostructures of a few atomic layers. Physical Review B, 2019, 100, .	3.2	11
8	Preserving measurements for optimal state discrimination over quantum channels. Physical Review A, 2019, 99, .	2.5	6
9	Anomalous longitudinal relaxation of nuclear spins in CaF <sub>2</sub> . Fortschritte Der Physik, 2017, 65, 1600023.	4.4	1
10	Open System Model for Quantum Dynamical Maps with Classical Noise and Corresponding Master Equations. Open Systems and Information Dynamics, 2017, 24, 1740012.	1.2	6
11	Effective Dynamics of Disordered Quantum Systems. Physical Review X, 2016, 6, .	8.9	33
12	Absence of exponential sensitivity to small perturbations in nonintegrable systems of spins 1/2. Physical Review E, 2014, 89, 012923.	2.1	49
13	Nonsecular resonances for the coupling between nuclear spins in solids. Physical Review B, 2012, 86, .	3.2	4