

Ka-Ming Tam

List of Publications by Year in descending order

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papers

313
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840776

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all docs

28
docs citations

28
times ranked

324
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of state reopening policies in COVID-19 mortality. Scientific Reports, 2022, 12, 1677.	3.3	5
2	Ab initio approaches to high-entropy alloys: a comparison of CPA, SQS, and supercell methods. Journal of Materials Science, 2022, 57, 10677-10690.	3.7	6
3	Application of the locally self-consistent embedding approach to the Anderson model with non-uniform random distributions. Annals of Physics, 2021, 435, 168480.	2.8	2
4	Dynamical mean-field theory of the Anderson-Hubbard model with local and nonlocal disorder in tensor formulation. Physical Review B, 2021, 104, .	3.2	6
5	Real Space Quantum Cluster Formulation for the Typical Medium Theory of Anderson Localization. Crystals, 2021, 11, 1282.	2.2	1
6	Deep learning on the 2-dimensional Ising model to extract the crossover region with a variational autoencoder. Scientific Reports, 2020, 10, 13047.	3.3	21
7	Effect of mitigation measures on the spreading of COVID-19 in hard-hit states in the U.S.. PLoS ONE, 2020, 15, e0240877.	2.5	23
8	Effect of mitigation measures on the spreading of COVID-19 in hard-hit states in the U.S.. , 2020, 15, e0240877.		0
9	Effect of mitigation measures on the spreading of COVID-19 in hard-hit states in the U.S.. , 2020, 15, e0240877.		0
10	Effect of mitigation measures on the spreading of COVID-19 in hard-hit states in the U.S.. , 2020, 15, e0240877.		0
11	Effect of mitigation measures on the spreading of COVID-19 in hard-hit states in the U.S.. , 2020, 15, e0240877.		0
12	Locally self-consistent embedding approach for disordered electronic systems. Physical Review B, 2019, 100, .	3.2	1
13	Periodic Anderson model with Holstein phonons for the description of the cerium volume collapse. Physical Review B, 2019, 99, .	3.2	0
14	Systematic Quantum Cluster Typical Medium Method for the Study of Localization in Strongly Disordered Electronic Systems. Applied Sciences (Switzerland), 2018, 8, 2401.	2.5	20
15	Origin of localization in Ti-doped Si. Physical Review B, 2018, 98, .	3.2	6
16	Identifying structural changes with unsupervised machine learning methods. Physical Review E, 2018, 98, .	2.1	12
17	Local density of the Bose-glass phase. Physical Review B, 2018, 98, .	3.2	3
18	Generalized multiband typical medium dynamical cluster approximation: Application to (Ga,Mn)N. Physical Review B, 2016, 94, .	3.2	15

#	ARTICLE	IF	CITATIONS
19	Bose-Hubbard model on a triangular lattice with diamond ring exchange. Physical Review B, 2016, 94, .	3.2	0
20	Metal-insulator transition in a weakly interacting disordered electron system. Physical Review B, 2015, 92, .	3.2	15
21	Study of multiband disordered systems using the typical medium dynamical cluster approximation. Physical Review B, 2015, 92, .	3.2	16
22	Study of off-diagonal disorder using the typical medium dynamical cluster approximation. Physical Review B, 2014, 90, .	3.2	24
23	Typical medium dynamical cluster approximation for the study of Anderson localization in three dimensions. Physical Review B, 2014, 89, .	3.2	42
24	Solving the parquet equations for the Hubbard model beyond weak coupling. Physical Review E, 2013, 87, 013311.	2.1	50
25	Periodic Anderson model with electron-phonon correlated conduction band. Physical Review B, 2013, 87, .	3.2	5
26	Phase diagram of the Bose-Hubbard model on a ring-shaped lattice with tunable weak links. Physical Review A, 2013, 87, .	2.5	9
27	Complex phases in the doped two-species bosonic Hubbard model. Physical Review B, 2013, 88, .	3.2	6
28	Dual fermion dynamical cluster approach for strongly correlated systems. Physical Review B, 2011, 84, .	3.2	25