

Evelyn Tang

List of Publications by Year in descending order

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16
papers

1,401
citations

840119

11
h-index

940134

16
g-index

16
all docs

16
docs citations

16
times ranked

1883
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Temperature Fractional Quantum Hall States. <i>Physical Review Letters</i> , 2011, 106, 236802.	2.9	754
2	Strain-induced partially flat band, helical snake states and interface superconductivity in topological crystalline insulators. <i>Nature Physics</i> , 2014, 10, 964-969.	6.5	179
3	Developmental increases in white matter network controllability support a growing diversity of brain dynamics. <i>Nature Communications</i> , 2017, 8, 1252.	5.8	140
4	Colloquium: Control of dynamics in brain networks. <i>Reviews of Modern Physics</i> , 2018, 90, .	16.4	111
5	Sex differences in network controllability as a predictor of executive function in youth. <i>NeuroImage</i> , 2019, 188, 122-134.	2.1	59
6	Interacting One-Dimensional Fermionic Symmetry-Protected Topological Phases. <i>Physical Review Letters</i> , 2012, 109, 096403.	2.9	48
7	Effective learning is accompanied by high-dimensional and efficient representations of neural activity. <i>Nature Neuroscience</i> , 2019, 22, 1000-1009.	7.1	27
8	Benchmarking Measures of Network Controllability on Canonical Graph Models. <i>Journal of Nonlinear Science</i> , 2020, 30, 2195-2233.	1.0	27
9	Control of brain network dynamics across diverse scales of space and time. <i>Physical Review E</i> , 2020, 101, 062301.	0.8	14
10	Low-energy behavior of spin-liquid electron spectral functions. <i>Physical Review B</i> , 2013, 87, .	1.1	13
11	Optimal navigation strategies for microswimmers on curved manifolds. <i>Physical Review Research</i> , 2021, 3, .	1.3	12
12	Topology Protects Chiral Edge Currents in Stochastic Systems. <i>Physical Review X</i> , 2021, 11, .	2.8	9
13	Quantifying configurational information for a stochastic particle in a flow-field. <i>New Journal of Physics</i> , 2020, 22, 083060.	1.2	3
14	Superconductivity with intrinsic topological order induced by pure Coulomb interaction and time-reversal symmetry breaking. <i>Physical Review B</i> , 2013, 88, .	1.1	2
15	Network architecture of energy landscapes in mesoscopic quantum systems. <i>New Journal of Physics</i> , 2019, 21, 123049.	1.2	2
16	A topological fluctuation theorem. <i>Nature Communications</i> , 2022, 13, .	5.8	1