

# Hong-Yan Shih

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4109195/publications.pdf>

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8  
papers

158  
citations

1684188

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1720034

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docs citations

9  
times ranked

191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecological collapse and the emergence of travelling waves at the onset of shear turbulence. <i>Nature Physics</i> , 2016, 12, 245-248.	16.7	71
2	Turbulence as a Problem in Non-equilibrium Statistical Mechanics. <i>Journal of Statistical Physics</i> , 2017, 167, 575-594.	1.2	36
3	Roadmap on biology in time varying environments. <i>Physical Biology</i> , 2021, 18, 041502.	1.8	23
4	Path-integral calculation for the emergence of rapid evolution from demographic stochasticity. <i>Physical Review E</i> , 2014, 90, 050702.	2.1	14
5	Hierarchy of relevant couplings in perturbative renormalization group transformations. <i>Physical Review B</i> , 2010, 81, .	3.2	5
6	Biophysical constraints determine the selection of phenotypic fluctuations during directed evolution. <i>Physical Biology</i> , 2018, 15, 065003.	1.8	5
7	Stochastic Model for Quasi-One-Dimensional Transitional Turbulence with Streamwise Shear Interactions. <i>Physical Review Letters</i> , 2022, 129, .	7.8	4
8	A new classification scheme for relevant couplings in renormalization group transformations. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S964-S965.	1.2	0