

# Ee Hou Yong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4589769/publications.pdf>

Version: 2024-02-01

17  
papers

347  
citations

1307543

7  
h-index

940516

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Avian egg shape: Form, function, and evolution. <i>Science</i> , 2017, 356, 1249-1254.	12.6	166
2	Elastic Platonic Shells. <i>Physical Review Letters</i> , 2013, 111, 177801.	7.8	40
3	Physical basis for the adaptive flexibility of <i>Bacillus</i> spore coats. <i>Journal of the Royal Society Interface</i> , 2012, 9, 3156-3160.	3.4	35
4	Discrete-Time Quantum Walk with Phase Disorder: Localization and Entanglement Entropy. <i>Scientific Reports</i> , 2017, 7, 12024.	3.3	29
5	Evolution of avian egg shape: underlying mechanisms and the importance of taxonomic scale. <i>Ibis</i> , 2019, 161, 922-925.	1.9	24
6	Crooks fluctuation theorem in $\mathcal{PT}$ -symmetric quantum mechanics. <i>Journal of Physics Communications</i> , 2017, 1, 031001.	1.2	9
7	Optimizing target nodes selection for the control energy of directed complex networks. <i>Scientific Reports</i> , 2020, 10, 18112.	3.3	8
8	Probability, geometry, and dynamics in the toss of a thick coin. <i>American Journal of Physics</i> , 2011, 79, 1195-1201.	0.7	7
9	Probability, physics, and the coin toss. <i>Physics Today</i> , 2011, 64, 66-67.	0.3	5
10	Statistical Mechanics and Shape Transitions in Microscopic Plates. <i>Physical Review Letters</i> , 2014, 112, 048101.	7.8	5
11	Energy cost study for controlling complex social networks with conformity behavior. <i>Physical Review E</i> , 2021, 104, 014301.	2.1	5
12	Effective diffusion in one-dimensional rough potential-energy landscapes. <i>Physical Review E</i> , 2020, 102, 022138.	2.1	4
13	An effective one-dimensional approach to calculating mean first passage time in multi-dimensional potentials. <i>Journal of Chemical Physics</i> , 2021, 154, 084103.	3.0	4
14	Renormalization-group study of the Nagel-Schreckenberg model. <i>Physical Review E</i> , 2018, 97, 032314.	2.1	2
15	Overdamped Brownian dynamics in piecewise-defined energy landscapes. <i>Physical Review E</i> , 2020, 101, 052123.	2.1	2
16	How zealots affect the energy cost for controlling complex social networks. <i>Chaos</i> , 2022, 32, .	2.5	2
17	Enhanced diffusion in soft-walled channels with a periodically varying curvature. <i>Physical Review E</i> , 2022, 105, .	2.1	0