

Zhihong You

List of Publications by Year in descending order

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9
papers

226
citations

1683934
5
h-index

1588896
8
g-index

9
all docs

9
docs citations

9
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonreciprocity as a generic route to traveling states. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19767-19772.	3.3	69
2	Statistical properties of autonomous flows in 2D active nematics. Soft Matter, 2019, 15, 3264-3272.	1.2	53
3	Geometry and Mechanics of Microdomains in Growing Bacterial Colonies. Physical Review X, 2018, 8, .	2.8	37
4	Mono- to Multilayer Transition in Growing Bacterial Colonies. Physical Review Letters, 2019, 123, 178001.	2.9	28
5	Confinement-induced self-organization in growing bacterial colonies. Science Advances, 2021, 7, .	4.7	26
6	Characteristics and applications of two-dimensional light scattering by cylindrical tubes based on ray tracing. Applied Optics, 2012, 51, 8341.	0.9	5
7	Multiple beam interference model for measuring parameters of a capillary. Applied Optics, 2015, 54, 6948.	2.1	5
8	Analysis of light scattered by a capillary to measure a liquid's index of refraction. American Journal of Physics, 2012, 80, 688-693.	0.3	3
9	Capillary-Optic Interferometric Sensor for Measuring the Refractive Index of Liquid. , 2015, , .		0