Bryan Gin-Ge Chen

List of Publications by Year
in descending order

15	1,483	687363	996975
papers	citations	13	15
		h-index	g-index

15	15	15	1417
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Topology in Nonlinear Mechanical Systems. Physical Review Letters, 2021, 127, 076802.	7.8	14
2	Hidden symmetries generate rigid folding mechanisms in periodic origami. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30252-30259.	7.1	17
3	Distortion-controlled isotropic swelling: numerical study of free boundary swelling patterns. Soft Matter, 2019, 15, 4890-4897.	2.7	1
4	Branches of Triangulated Origami Near the Unfolded State. Physical Review X, 2018, 8, .	8.9	15
5	Kink-antikink asymmetry and impurity interactions in topological mechanical chains. Physical Review E, 2017, 95, 022202.	2.1	19
6	Topological Mechanics of Origami and Kirigami. Physical Review Letters, 2016, 116, 135501.	7.8	156
7	Mechanical Weyl Modes in Topological Maxwell Lattices. Physical Review Letters, 2016, 116, 135503.	7.8	136
8	Origami Multistability: From Single Vertices to Metasheets. Physical Review Letters, 2015, 114, 055503.	7.8	244
9	Topological modes bound to dislocations in mechanical metamaterials. Nature Physics, 2015, 11, 153-156.	16.7	290
10	Nonlinear conduction via solitons in a topological mechanical insulator. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13004-13009.	7.1	225
11	Generating the Hopf Fibration Experimentally in Nematic Liquid Crystals. Physical Review Letters, 2013, 110, 237801.	7.8	97
12	<i>Colloquium</i>: Disclination loops, point defects, and all that in nematic liquid crystals. Reviews of Modern Physics, 2012, 84, 497-514.	45.6	201
13	Minimal resonances in annular non-Euclidean strips. Physical Review E, 2010, 82, 056601.	2.1	6
14	Power of the Poincaré Group: Elucidating the Hidden Symmetries in Focal Conic Domains. Physical Review Letters, 2010, 104, 257802.	7.8	22
15	Symmetry breaking in smectics and surface models of their singularities. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15577-15582.	7.1	40