

Enrique Velasco Caravaca

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

272
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of clustering on the orientational properties of a fluid of hard right isosceles triangles. <i>Physics of Fluids</i> , 2022, 34, .	4.0	6
2	Failure of standard density functional theory to describe the phase behavior of a fluid of hard right isosceles triangles. <i>Physical Review E</i> , 2021, 104, 054132.	2.1	7
3	Orientational ordering in a fluid of hard kites: A density-functional-theory study. <i>Physical Review E</i> , 2020, 102, 052128.	2.1	5
4	Domain walls in vertically vibrated monolayers of cylinders confined in annuli. <i>Physical Review Research</i> , 2020, 2, .	3.6	9
5	Defects in vertically vibrated monolayers of cylinders. <i>New Journal of Physics</i> , 2019, 21, 033002.	2.9	7
6	Uniform phases in fluids of hard isosceles triangles: One-component fluid and binary mixtures. <i>Physical Review E</i> , 2018, 97, 052703.	2.1	9
7	Hard-body models of bulk liquid crystals. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 463101.	1.8	57
8	Domain walls in two-dimensional nematics confined in a small circular cavity. <i>Soft Matter</i> , 2014, 10, 1758.	2.7	32
9	Enhanced stability of the tetratic phase due to clustering. <i>Physical Review E</i> , 2009, 79, 011711.	2.1	19
10	Orientational ordering in hard rectangles: The role of three-body correlations. <i>Journal of Chemical Physics</i> , 2006, 125, 014501.	3.0	39
11	Effect of particle geometry on phase transitions in two-dimensional liquid crystals. <i>Journal of Chemical Physics</i> , 2005, 122, 064903.	3.0	60
12	Demixing behavior in two-dimensional mixtures of anisotropic hard bodies. <i>Physical Review E</i> , 2005, 72, 031703.	2.1	22