

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