

Harini Pattabhiraman

List of Publications by Year in descending order

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7
papers

155
citations

1478505

6
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	On the stability of a quasicrystal and its crystalline approximant in a system of hard disks with a soft corona. <i>Journal of Chemical Physics</i> , 2015, 143, 164905.	3.0	45
2	On the formation of stripe, sigma, and honeycomb phases in a core-corona system. <i>Soft Matter</i> , 2017, 13, 4418-4432.	2.7	41
3	Phase behaviour of quasicrystal forming systems of core-corona particles. <i>Journal of Chemical Physics</i> , 2017, 146, 114901.	3.0	28
4	Novel Pyrochlorelike Crystal with a Photonic Band Gap Self-Assembled Using Colloids with a Simple Interaction Potential. <i>Physical Review Letters</i> , 2017, 119, 157401.	7.8	24
5	The effect of temperature, interaction range, and pair potential on the formation of dodecagonal quasicrystals in core-corona systems. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 094003.	1.8	11
6	Periodic layers of a dodecagonal quasicrystal and a floating hexagonal crystal in sedimentation-diffusion equilibria of colloids. <i>Journal of Chemical Physics</i> , 2017, 147, 104902.	3.0	6
7	The effect of disorder of small spheres on the photonic properties of the inverse binary NaCl-like structure. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 385101.	1.8	0