Gabriele M Coli

List of Publications by Year
in descending order

8 papers	**154** citations	1163117 **8** h-index	1588992 **8** g-index
8 all docs	**8** docs citations	**8** times ranked	**135** citing authors

#	Article	IF	Citations
1	Inverse design of soft materials via a deep learning–based evolutionary strategy. Science Advances, 2022, 8, eabj6731.	10.3	26
2	Binary icosahedral clusters of hard spheres in spherical confinement. Nature Physics, 2021, 17, 128-134.	16.7	42
3	Machine-learning free-energy functionals using density profiles from simulations. APL Materials, 2021, 9, .	5.1	14
4	An Artificial Neural Network Reveals the Nucleation Mechanism of a Binary Colloidal AB_{13} Crystal. ACS Nano, 2021, 15, 4335-4346.	14.6	16
5	Classifying Crystals of Rounded Tetrahedra and Determining Their Order Parameters Using Dimensionality Reduction. ACS Nano, 2020, 14, 15144-15153.	14.6	12
6	The effect of hydrodynamics on the crystal nucleation of nearly hard spheres. Journal of Chemical Physics, 2020, 152, 064903.	3.0	11
7	Tuning the Glass Transition: Enhanced Crystallization of the Laves Phases in Nearly Hard Spheres. ACS Nano, 2020, 14, 3957-3968.	14.6	16
8	Inverse design of charged colloidal particle interactions for self assembly into specified crystal structures. Journal of Chemical Physics, 2019, 151, 084109.	3.0	17