

Ishan Srivastava

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

273
citations

1040056

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996975

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18
all docs

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docs citations

18
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow and arrest in stressed granular materials. <i>Soft Matter</i> , 2022, 18, 735-743.	2.7	5
2	Viscometric flow of dense granular materials under controlled pressure and shear stress. <i>Journal of Fluid Mechanics</i> , 2021, 907, .	3.4	13
3	Jamming of bidisperse frictional spheres. <i>Physical Review Research</i> , 2021, 3, .	3.6	10
4	Shear Is Not Always Simple: Rate-Dependent Effects of Flow Type on Granular Rheology. <i>Physical Review Letters</i> , 2021, 127, 268003.	7.8	5
5	Granular packings with sliding, rolling, and twisting friction. <i>Physical Review E</i> , 2020, 102, 032903.	2.1	31
6	Evolution of internal granular structure at the flow-arrest transition. <i>Granular Matter</i> , 2020, 22, 1.	2.2	5
7	Controlling Binder Adhesion to Impact Electrode Mesostructures and Transport. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 34919-34930.	8.0	35
8	Mechanics of Gold Nanoparticle Superlattices at High Hydrostatic Pressures. <i>Journal of Physical Chemistry C</i> , 2019, 123, 17530-17538.	3.1	11
9	Flow-Arrest Transitions in Frictional Granular Matter. <i>Physical Review Letters</i> , 2019, 122, 048003.	7.8	23
10	Effect of shape and friction on the packing and flow of granular materials. <i>Physical Review E</i> , 2018, 98, .	2.1	42
11	Modeling pressure-driven assembly of polymer coated nanoparticles. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	4
12	Slow creep in soft granular packings. <i>Soft Matter</i> , 2017, 13, 3411-3421.	2.7	11
13	Flow Function of Pharmaceutical Powders Is Predominantly Governed by Cohesion, Not by Friction Coefficients. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1865-1873.	3.3	36
14	Thermal conduction in graphite flake-epoxy composites using infrared microscopy. , 2017, , .		2
15	Variable-cell method for stress-controlled jamming of athermal, frictionless grains. <i>Physical Review E</i> , 2014, 89, 042203.	2.1	30
16	Combined Microstructure and Heat Conduction Modeling of Heterogeneous Interfaces and Materials. <i>Journal of Heat Transfer</i> , 2013, 135, .	2.1	9
17	Shear-induced failure in jammed nanoparticle assemblies. , 2013, , .		1
18	Online Thermal Properties Database for Structure-Property Correlated Materials. , 2011, , .		0