

# Ishan Srivastava

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9457415/publications.pdf>

Version: 2024-02-01

18  
papers

273  
citations

1040056

9  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

297  
citing authors

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