

# Rituparno Mandal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6425418/publications.pdf>

Version: 2024-02-01

12  
papers

265  
citations

1478505

6  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Active fluidization in dense glassy systems. <i>Soft Matter</i> , 2016, 12, 6268-6276.	2.7	65
2	A random first-order transition theory for an active glass. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7688-7693.	7.1	63
3	Extreme active matter at high densities. <i>Nature Communications</i> , 2020, 11, 2581.	12.8	63
4	Multiple Types of Aging in Active Glasses. <i>Physical Review Letters</i> , 2020, 125, 218001.	7.8	27
5	Glassy swirls of active dumbbells. <i>Physical Review E</i> , 2017, 96, 042605.	2.1	24
6	How to study a persistent active glassy system. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 184001.	1.8	6
7	Interaction from structure using machine learning: in and out of equilibrium. <i>Soft Matter</i> , 2021, 17, 8322-8330.	2.7	5
8	Shear-induced orientational ordering in an active glass former. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	4
9	Memory in non-monotonic stress response of an athermal disordered solid. <i>Physical Review Research</i> , 2021, 3, .	3.6	4
10	Complex dynamics of a sheared nematic fluid. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 134002.	1.8	2
11	Aging effects on thermal conductivity of glass-forming liquids. <i>Physical Review E</i> , 2020, 101, 022125.	2.1	1
12	Mean-field description of aging linear response in athermal amorphous solids. <i>Physical Review Materials</i> , 2022, 6, .	2.4	1