

Valery Ilyin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4092777/publications.pdf>

Version: 2024-02-01

10
papers

83
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

102
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Mechanics of the Glass Transition in One-Component Liquids with an Anisotropic Potential. Physical Review Letters, 2007, 99, 135702.	7.8	16
2	Randomness-induced redistribution of vibrational frequencies in amorphous solids. Physical Review B, 2009, 80, .	3.2	14
3	Mechanical properties of glass forming systems. Physical Review E, 2007, 76, 052401.	2.1	12
4	Aging and relaxation in glass-forming systems. Physical Review E, 2008, 77, 061509.	2.1	12
5	Stochastic processes crossing from ballistic to fractional diffusion with memory: Exact results. Physical Review E, 2010, 81, 030105.	2.1	10
6	Breakdown of nonlinear elasticity in stress-controlled thermal amorphous solids. Physical Review E, 2017, 95, 031001.	2.1	7
7	Instabilities of time-averaged configurations in thermal glasses. Physical Review E, 2019, 100, 062103.	2.1	6
8	Thermodynamic equivalence of cyclic shear and deep cooling in glass formers. Physical Review E, 2020, 102, 010603.	2.1	3
9	Consequences of disorder on the stability of amorphous solids. Physical Review B, 2015, 92, .	3.2	2
10	Magnetomechanical coupling in thermal amorphous solids. Physical Review B, 2018, 97, .	3.2	1