

Jaspreet Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6193700/publications.pdf>

Version: 2024-02-01

8
papers

117
citations

1937685

4
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

145
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial activity hinders particle sedimentation. <i>Soft Matter</i> , 2021, 17, 4151-4160.	2.7	2
2	Statistical mechanics of a double-stranded rod model for DNA melting and elasticity. <i>Soft Matter</i> , 2020, 16, 7715-7726.	2.7	4
3	Rupture of blood clots: Mechanics and pathophysiology. <i>Science Advances</i> , 2020, 6, eabc0496.	10.3	54
4	Cnoidal wave propagation in an elastic metamaterial. <i>Physical Review E</i> , 2019, 100, 013001.	2.1	23
5	Elasticity as the Basis of Allostery in DNA. <i>Journal of Physical Chemistry B</i> , 2019, 123, 21-28.	2.6	11
6	Nanocardboard as a nanoscale analog of hollow sandwich plates. <i>Nature Communications</i> , 2018, 9, 4442.	12.8	19
7	Allosteric interactions in a birod model of DNA. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018, 474, .	2.1	0
8	Structural transitions in torsionally constrained DNA and their dependence on solution electrostatics. <i>Acta Biomaterialia</i> , 2017, 55, 214-225.	8.3	4