

Jaeuk Kim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5058632/publications.pdf>

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9
papers

185
citations

1307594
7
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

134
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of imperfections on the hyperuniformity of many-body systems. <i>Physical Review B</i> , 2018, 97, .	3.2	46
2	Multifunctional composites for elastic and electromagnetic wave propagation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8764-8774.	7.1	34
3	Cloaking the underlying long-range order of randomly perturbed lattices. <i>Physical Review E</i> , 2020, 101, 032118.	2.1	29
4	Nonlocal Effective Electromagnetic Wave Characteristics of Composite Media: Beyond the Quasistatic Regime. <i>Physical Review X</i> , 2021, 11, .	8.9	25
5	Methodology to construct large realizations of perfectly hyperuniform disordered packings. <i>Physical Review E</i> , 2019, 99, 052141.	2.1	16
6	Local Number Fluctuations in Hyperuniform and Nonhyperuniform Systems: Higher-Order Moments and Distribution Functions. <i>Physical Review X</i> , 2021, 11, .	8.9	15
7	Characterizing the hyperuniformity of ordered and disordered two-phase media. <i>Physical Review E</i> , 2021, 103, 012123.	2.1	9
8	Local order metrics for two-phase media across length scales*. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2022, 55, 274003.	2.1	7
9	Geometric model of crack-templated networks for transparent conductive films. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	4