

Akshay Iyer

List of Publications by Year in descending order

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8
papers

232
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine-Learning-Assisted De Novo Design of Organic Molecules and Polymers: Opportunities and Challenges. <i>Polymers</i> , 2020, 12, 163.	4.5	95
2	Mining structure–property relationships in polymer nanocomposites using data driven finite element analysis and multi-task convolutional neural networks. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 962-975.	3.4	33
3	Featureless adaptive optimization accelerates functional electronic materials design. <i>Applied Physics Reviews</i> , 2020, 7, .	11.3	26
4	A Spectral Density Function Approach for Active Layer Design of Organic Photovoltaic Cells. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2018, 140, .	2.9	20
5	Effect of polydispersity on the bulk–heterojunction morphology of P3HT:PCBM solar cells. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 895-903.	2.1	20
6	Designing anisotropic microstructures with spectral density function. <i>Computational Materials Science</i> , 2020, 179, 109559.	3.0	20
7	Data centric nanocomposites design <i>via</i> mixed-variable Bayesian optimization. <i>Molecular Systems Design and Engineering</i> , 2020, 5, 1376-1390.	3.4	15
8	Elongated Nanodomains and Molecular Intermixing Induced Doping in Organic Photovoltaic Active Layers with Electric Field Treatment. <i>ACS Applied Polymer Materials</i> , 2020, 2, 335-341.	4.4	3