

# Akshay Iyer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9312546/publications.pdf>

Version: 2024-02-01

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