

Yixing Wang

List of Publications by Year in descending order

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7
papers

154
citations

1478505

6
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1720034

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7
all docs

7
docs citations

7
times ranked

170
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Identifying interphase properties in polymer nanocomposites using adaptive optimization. Composites Science and Technology, 2018, 162, 146-155. | 7.8 | 43 |
| 2 | NanoMine schema: An extensible data representation for polymer nanocomposites. APL Materials, 2018, 6, . | 5.1 | 35 |
| 3 | Mining structureâ€“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 |
| 4 | Predicting the breakdown strength and lifetime of nanocomposites using a multi-scale modeling approach. Journal of Applied Physics, 2017, 122, 065101. | 2.5 | 18 |
| 5 | Data centric nanocomposites design <i>via</i> mixed-variable Bayesian optimization. Molecular Systems Design and Engineering, 2020, 5, 1376-1390. | 3.4 | 15 |
| 6 | Rethinking interphase representations for modeling viscoelastic properties for polymer nanocomposites. Materialia, 2019, 6, 100277. | 2.7 | 9 |
| 7 | Impact of interfacial properties on the viscoelastic relaxation of hardâ€“soft block copolymers using finite element analysis. Journal of Materials Research, 2020, 35, 1857-1873. | 2.6 | 1 |