

Melissa P Aplan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11333477/publications.pdf>

Version: 2024-02-01

12
papers

294
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

532
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Predicting the Plateau Modulus from Molecular Parameters of Conjugated Polymers. ACS Central Science, 2022, 8, 268-274. | 11.3 | 17 |
| 2 | Enhancing Optoelectronic Properties of Conjugated Block Copolymers through Crystallization of Both Blocks. Macromolecules, 2020, 53, 1967-1976. | 4.8 | 24 |
| 3 | Polarized Soft X-ray Scattering Reveals Chain Orientation within Nanoscale Polymer Domains. Macromolecules, 2019, 52, 2803-2813. | 4.8 | 17 |
| 4 | Conjugated Block Copolymers as Model Systems to Examine Mechanisms of Charge Generation in Donor-Acceptor Materials. Advanced Functional Materials, 2019, 29, 1804858. | 14.9 | 17 |
| 5 | Local Chain Alignment via Nematic Ordering Reduces Chain Entanglement in Conjugated Polymers. Macromolecules, 2018, 51, 10271-10284. | 4.8 | 24 |
| 6 | Revealing the Importance of Energetic and Entropic Contributions to the Driving Force for Charge Photogeneration. ACS Applied Materials & Interfaces, 2018, 10, 39933-39941. | 8.0 | 12 |
| 7 | Random Copolymers Allow Control of Crystallization and Microphase Separation in Fully Conjugated Block Copolymers. Macromolecules, 2018, 51, 8844-8852. | 4.8 | 15 |
| 8 | Push-pull architecture eliminates chain length effects on exciton dissociation. Journal of Materials Chemistry A, 2018, 6, 22758-22767. | 10.3 | 5 |
| 9 | Recent Developments in Chain-Growth Polymerizations of Conjugated Polymers. Industrial & Engineering Chemistry Research, 2017, 56, 7888-7901. | 3.7 | 34 |
| 10 | Tuning the synthesis of fully conjugated block copolymers to minimize architectural heterogeneity. Journal of Materials Chemistry A, 2017, 5, 20412-20421. | 10.3 | 19 |
| 11 | Glass Transition Temperature of Conjugated Polymers by Oscillatory Shear Rheometry. Macromolecules, 2017, 50, 5146-5154. | 4.8 | 78 |
| 12 | Molecular Rectification in Conjugated Block Copolymer Photovoltaics. Journal of Physical Chemistry C, 2016, 120, 6978-6988. | 3.1 | 32 |