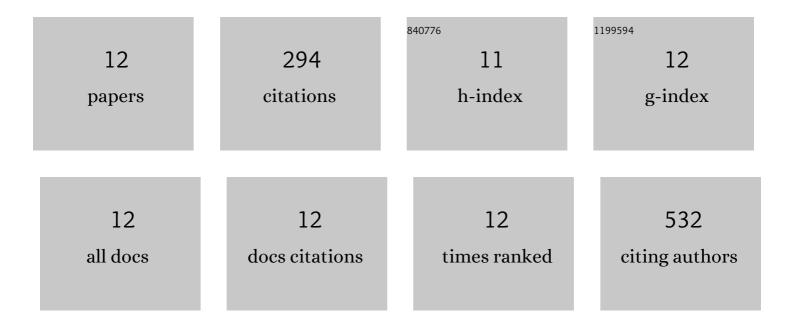
## Melissa P Aplan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11333477/publications.pdf Version: 2024-02-01



#	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