

# Enrique D Gomez

## List of Publications by Year in descending order

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141  
papers

6,784  
citations

81434

41  
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75989

78  
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143  
all docs

143  
docs citations

143  
times ranked

9721  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Molecular Weight on the Mechanical and Electrical Properties of Block Copolymer Electrolytes. <i>Macromolecules</i> , 2007, 40, 4578-4585.	2.2	449
2	Zwitterionic Polymerization of Lactide to Cyclic Poly(Lactide) by Using N-Heterocyclic Carbene Organocatalysts. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2627-2630.	7.2	338
3	Effect of Molecular Weight and Salt Concentration on Conductivity of Block Copolymer Electrolytes. <i>Macromolecules</i> , 2009, 42, 4632-4637.	2.2	309
4	Polymer Crystallization of Partially Miscible Polythiophene/Fullerene Mixtures Controls Morphology. <i>Macromolecules</i> , 2011, 44, 5722-5726.	2.2	256
5	Conjugated Block Copolymer Photovoltaics with near 3% Efficiency through Microphase Separation. <i>Nano Letters</i> , 2013, 13, 2957-2963.	4.5	253
6	Effect of Ion Distribution on Conductivity of Block Copolymer Electrolytes. <i>Nano Letters</i> , 2009, 9, 1212-1216.	4.5	228
7	Increased Water Retention in Polymer Electrolyte Membranes at Elevated Temperatures Assisted by Capillary Condensation. <i>Nano Letters</i> , 2007, 7, 3547-3552.	4.5	196
8	Nanoscale control of internal inhomogeneity enhances water transport in desalination membranes. <i>Science</i> , 2021, 371, 72-75.	6.0	193
9	Progress and Opportunities in the Characterization of Cellulose – An Important Regulator of Cell Wall Growth and Mechanics. <i>Frontiers in Plant Science</i> , 2018, 9, 1894.	1.7	155
10	Transient photovoltaic behavior of air-stable, inverted organic solar cells with solution-processed electron transport layer. <i>Applied Physics Letters</i> , 2009, 94, 113302.	1.5	145
11	Controlling Nucleation and Crystallization in Solution-Processed Organic Semiconductors for Thin-Film Transistors. <i>Advanced Materials</i> , 2009, 21, 3605-3609.	11.1	141
12	Chain conformations and phase behavior of conjugated polymers. <i>Soft Matter</i> , 2017, 13, 49-67.	1.2	131
13	Glass transition temperature from the chemical structure of conjugated polymers. <i>Nature Communications</i> , 2020, 11, 893.	5.8	130
14	Directly patternable, highly conducting polymers for broad applications in organic electronics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 5712-5717.	3.3	127
15	Solvent-dependent electrical characteristics and stability of organic thin-film transistors with drop cast bis(triisopropylsilylethynyl) pentacene. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	116
16	Sustainable Thermoplastic Elastomers Derived from Fatty Acids. <i>Macromolecules</i> , 2013, 46, 7202-7212.	2.2	111
17	Correlating the scattered intensities of P3HT and PCBM to the current densities of polymer solar cells. <i>Chemical Communications</i> , 2011, 47, 436-438.	2.2	103
18	Challenges and Opportunities in the Development of Conjugated Block Copolymers for Photovoltaics. <i>Macromolecules</i> , 2015, 48, 7385-7395.	2.2	103

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19	High-temperature polymers with record-high breakdown strength enabled by rationally designed chain-packing behavior in blends. <i>Matter</i> , 2021, 4, 2448-2459.	5.0	100
20	Effect of Miscibility and Percolation on Electron Transport in Amorphous Poly(3-Hexylthiophene)/Phenyl- $C_{61}$ -Butyric Acid Methyl Ester Blends. <i>Physical Review Letters</i> , 2012, 108, 026601.	2.9	98
21	Azadipyromethene-Based Zn(II) Complexes as Nonplanar Conjugated Electron Acceptors for Organic Photovoltaics. <i>Advanced Materials</i> , 2014, 26, 6290-6294.	11.1	93
22	Correlation between Phase-Separated Domain Sizes of Active Layer and Photovoltaic Performances in All-Polymer Solar Cells. <i>Macromolecules</i> , 2016, 49, 5051-5058.	2.2	93
23	Influence of Acceptor Structure on Barriers to Charge Separation in Organic Photovoltaic Materials. <i>Journal of Physical Chemistry C</i> , 2012, 116, 4824-4831.	1.5	86
24	Predicting Chain Dimensions of Semiflexible Polymers from Dihedral Potentials. <i>Macromolecules</i> , 2014, 47, 6453-6461.	2.2	78
25	Glass Transition Temperature of Conjugated Polymers by Oscillatory Shear Rheometry. <i>Macromolecules</i> , 2017, 50, 5146-5154.	2.2	78
26	Domain Compositions and Fullerene Aggregation Govern Charge Photogeneration in Polymer/Fullerene Solar Cells. <i>Advanced Energy Materials</i> , 2014, 4, 1400116.	10.2	77
27	Altering the Thermodynamics of Phase Separation in Inverted Bulk-Heterojunction Organic Solar Cells. <i>Advanced Materials</i> , 2009, 21, 3110-3115.	11.1	75
28	Ceramic-Salt Composite Electrolytes from Cold Sintering. <i>Advanced Functional Materials</i> , 2019, 29, 1807872.	7.8	72
29	Device Characteristics of Bulk-Heterojunction Polymer Solar Cells are Independent of Interfacial Segregation of Active Layers. <i>Chemistry of Materials</i> , 2011, 23, 2020-2023.	3.2	71
30	Electron tomography reveals details of the internal microstructure of desalination membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8694-8699.	3.3	69
31	Tunable Multiscale Nanoparticle Ordering by Polymer Crystallization. <i>ACS Central Science</i> , 2017, 3, 751-758.	5.3	60
32	Rapid fabrication of precise high-throughput filters from membrane protein nanosheets. <i>Nature Materials</i> , 2020, 19, 347-354.	13.3	59
33	Direct probe of the nuclear modes limiting charge mobility in molecular semiconductors. <i>Materials Horizons</i> , 2019, 6, 182-191.	6.4	53
34	Antibacterial Cotton Fabric Functionalized with Copper Oxide Nanoparticles. <i>Molecules</i> , 2020, 25, 5802.	1.7	53
35	Engineering the organic semiconductor-electrode interface in polymer solar cells. <i>Journal of Materials Chemistry</i> , 2010, 20, 6604.	6.7	51
36	Platelet Self-Assembly of an Amphiphilic A $\alpha$ B $\beta$ C $\gamma$ A Tetrablock Copolymer in Pure Water. <i>Macromolecules</i> , 2005, 38, 3567-3570.	2.2	48

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37	Catalysts from Self-Assembled Organometallic Block Copolymers. <i>Advanced Materials</i> , 2005, 17, 2003-2006.	11.1	45
38	Broad temperature dependence, high conductivity, and structure-property relations of cold sintering of LLZO-based composite electrolytes. <i>Journal of the European Ceramic Society</i> , 2020, 40, 6241-6248.	2.8	45
39	Predicting Flory-Huggins $\chi$ from Simulations. <i>Physical Review Letters</i> , 2017, 119, 017801.	2.9	44
40	Next generation high-performance carbon fiber thermoplastic composites based on polyaryletherketones. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	44
41	Predicting Nematic Phases of Semiflexible Polymers. <i>Macromolecules</i> , 2015, 48, 1454-1462.	2.2	43
42	Signatures of Intracrystallite and Intercrystallite Limitations of Charge Transport in Polythiophenes. <i>Macromolecules</i> , 2016, 49, 7359-7369.	2.2	43
43	Connecting the Mechanical and Conductive Properties of Conjugated Polymers. <i>Advanced Electronic Materials</i> , 2018, 4, 1700356.	2.6	41
44	Preferred crystallographic orientation of cellulose in plant primary cell walls. <i>Nature Communications</i> , 2020, 11, 4720.	5.8	41
45	Effect of Crystallization Kinetics on Microstructure and Charge Transport of Polythiophenes. <i>Macromolecular Rapid Communications</i> , 2012, 33, 2133-2137.	2.0	40
46	Characterization of the mesoscopic structure in the photoactive layer of organic solar cells: A focused review. <i>Materials Letters</i> , 2013, 90, 97-102.	1.3	40
47	Triplet Transfer Mediates Triplet Pair Separation during Singlet Fission in 6,13-Bis(triisopropylsilylethynyl)Pentacene. <i>Advanced Functional Materials</i> , 2017, 27, 1703929.	7.8	40
48	Tuning Contact Recombination and Open-Circuit Voltage in Polymer Solar Cells via Self-Assembled Monolayer Adsorption at the Organic-Metal Oxide Interface. <i>Journal of Physical Chemistry C</i> , 2013, 117, 20474-20484.	1.5	39
49	Direct measurements of exciton diffusion length limitations on organic solar cell performance. <i>Chemical Communications</i> , 2012, 48, 5859.	2.2	38
50	Linking Group Influences Charge Separation and Recombination in All-Conjugated Block Copolymer Photovoltaics. <i>Advanced Functional Materials</i> , 2015, 25, 5578-5585.	7.8	38
51	Controlling Chain Conformations of High-Fluoropolymer Dielectrics to Enhance Charge Mobilities in Rubrene Single-Crystal Field-Effect Transistors. <i>Advanced Materials</i> , 2016, 28, 10095-10102.	11.1	38
52	Signatures of Multiphase Formation in the Active Layer of Organic Solar Cells from Resonant Soft X-ray Scattering. <i>ACS Macro Letters</i> , 2013, 2, 185-189.	2.3	37
53	Biomimetic Separation of Transport and Matrix Functions in Lamellar Block Copolymer Channel-Based Membranes. <i>ACS Nano</i> , 2019, 13, 8292-8302.	7.3	37
54	Synthesis of Perfluoroalkyl End-Functionalized Poly(3-hexylthiophene) and the Effect of Fluorinated End Groups on Solar Cell Performance. <i>Macromolecules</i> , 2013, 46, 103-112.	2.2	36

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55	Recent Developments in Chain-Growth Polymerizations of Conjugated Polymers. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 7888-7901.	1.8	34
56	Dehydration-induced physical strains of cellulose microfibrils in plant cell walls. <i>Carbohydrate Polymers</i> , 2018, 197, 337-348.	5.1	34
57	New opportunities in transmission electron microscopy of polymers. <i>Materials Science and Engineering Reports</i> , 2020, 139, 100516.	14.8	34
58	Dispersing Grafted Nanoparticle Assemblies into Polymer Melts through Flow Fields. <i>ACS Macro Letters</i> , 2013, 2, 1051-1055.	2.3	32
59	Passive Parity-Time Symmetry in Organic Thin Film Waveguides. <i>ACS Photonics</i> , 2015, 2, 319-325.	3.2	32
60	Molecular Rectification in Conjugated Block Copolymer Photovoltaics. <i>Journal of Physical Chemistry C</i> , 2016, 120, 6978-6988.	1.5	32
61	Side chain length affects backbone dynamics in poly(3-alkylthiophene)s. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 1193-1202.	2.4	31
62	Tuning the Dielectric Properties of Organic Semiconductors via Salt Doping. <i>Journal of Physical Chemistry B</i> , 2013, 117, 15866-15874.	1.2	30
63	Development of a ReaxFF reactive force field for lithium ion conducting solid electrolyte $\text{Li}_{1+x}\text{Al}_x\text{Ti}_{2x}(\text{PO}_4)_3$ (LATP). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22134-22147.	1.3	30
64	Surface-Induced Chain Alignment of Semiflexible Polymers. <i>Macromolecules</i> , 2016, 49, 963-971.	2.2	29
65	Effect of Cross-Linking on the Structure and Thermodynamics of Lamellar Block Copolymers. <i>Macromolecules</i> , 2006, 39, 4848-4859.	2.2	27
66	Ultrathin Body Poly(3-hexylthiophene) Transistors with Improved Short-Channel Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 2342-2346.	4.0	27
67	Resonant soft X-ray scattering reveals cellulose microfibril spacing in plant primary cell walls. <i>Scientific Reports</i> , 2018, 8, 12449.	1.6	26
68	Contact Doping with Substrate Monolayers of Strong Polyelectrolytes for Organic Photovoltaics. <i>Advanced Energy Materials</i> , 2014, 4, 1400439.	10.2	25
69	Probing Local Electronic Transitions in Organic Semiconductors through Energy Loss Spectrum Imaging in the Transmission Electron Microscope. <i>Advanced Functional Materials</i> , 2015, 25, 6071-6076.	7.8	25
70	Photovoltaic Performance of Block Copolymer Devices Is Independent of the Crystalline Texture in the Active Layer. <i>Macromolecules</i> , 2016, 49, 4599-4608.	2.2	25
71	Local Chain Alignment via Nematic Ordering Reduces Chain Entanglement in Conjugated Polymers. <i>Macromolecules</i> , 2018, 51, 10271-10284.	2.2	24
72	Enhancing Optoelectronic Properties of Conjugated Block Copolymers through Crystallization of Both Blocks. <i>Macromolecules</i> , 2020, 53, 1967-1976.	2.2	24

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73	The Spinning Voltage Influence on the Growth of ZnO-rGO Nanorods for Photocatalytic Degradation of Methyl Orange Dye. <i>Catalysts</i> , 2020, 10, 660.	1.6	23
74	Incorporating Fluorine Substitution into Conjugated Polymers for Solar Cells: Three Different Means, Same Results. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2059-2068.	1.5	22
75	Probing the Internal Microstructure of Polyamide Thin-Film Composite Membranes Using Resonant Soft X-ray Scattering. <i>ACS Macro Letters</i> , 2018, 7, 927-932.	2.3	21
76	Controlling Polymorphism in Poly(3-hexylthiophene) through Addition of Ferrocene for Enhanced Charge Mobilities in Thin-Film Transistors. <i>Advanced Functional Materials</i> , 2015, 25, 542-551.	7.8	20
77	Mesoscopic Structural Length Scales in P3HT/PCBM Mixtures Remain Invariant for Various Processing Conditions. <i>Chemistry of Materials</i> , 2013, 25, 2812-2818.	3.2	19
78	Tuning the synthesis of fully conjugated block copolymers to minimize architectural heterogeneity. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20412-20421.	5.2	19
79	Processing additive suppresses phase separation in the active layer of organic photovoltaics based on naphthalene diimide. <i>Organic Electronics</i> , 2014, 15, 3384-3391.	1.4	18
80	Tuning Biocompatible Block Copolymer Micelles by Varying Solvent Composition: Core/Corona Structure and Solvent Uptake. <i>Macromolecules</i> , 2017, 50, 4322-4334.	2.2	18
81	Fluorination of Donor-Acceptor Copolymer Active Layers Enhances Charge Mobilities in Thin-Film Transistors. <i>ACS Macro Letters</i> , 2017, 6, 1162-1167.	2.3	18
82	Impact of Low Molecular Weight Poly(3-hexylthiophene)s as Additives in Organic Photovoltaic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 2752-2761.	4.0	18
83	FIB-SEM tomography reveals the nanoscale 3D morphology of virus removal filters. <i>Journal of Membrane Science</i> , 2021, 640, 119766.	4.1	18
84	Polarized Soft X-ray Scattering Reveals Chain Orientation within Nanoscale Polymer Domains. <i>Macromolecules</i> , 2019, 52, 2803-2813.	2.2	17
85	Conjugated Block Copolymers as Model Systems to Examine Mechanisms of Charge Generation in Donor-Acceptor Materials. <i>Advanced Functional Materials</i> , 2019, 29, 1804858.	7.8	17
86	Pushing the limits of high-resolution polymer microscopy using antioxidants. <i>Nature Communications</i> , 2021, 12, 153.	5.8	17
87	Tuning of the elastic modulus of a soft polythiophene through molecular doping. <i>Materials Horizons</i> , 2022, 9, 433-443.	6.4	17
88	Predicting the Plateau Modulus from Molecular Parameters of Conjugated Polymers. <i>ACS Central Science</i> , 2022, 8, 268-274.	5.3	17
89	Nematic Order Imposes Molecular Weight Effect on Charge Transport in Conjugated Polymers. <i>ACS Central Science</i> , 2018, 4, 413-421.	5.3	16
90	Block Junction-Functionalized All-Conjugated Donor-Acceptor Block Copolymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 1143-1155.	4.0	16

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91	Signatures of the Order-Disorder Transition in Copolymers with Quenched Sequence Disorder. <i>Macromolecules</i> , 2004, 37, 8487-8490.	2.2	15
92	Using surface-induced ordering to probe the isotropic-to-nematic transition for semiflexible polymers. <i>Soft Matter</i> , 2016, 12, 6141-6147.	1.2	15
93	Creating cross-linked lamellar block copolymer supporting layers for biomimetic membranes. <i>Faraday Discussions</i> , 2018, 209, 179-191.	1.6	15
94	Random Copolymers Allow Control of Crystallization and Microphase Separation in Fully Conjugated Block Copolymers. <i>Macromolecules</i> , 2018, 51, 8844-8852.	2.2	15
95	The effect of single atom replacement on organic thin film transistors: case of thieno[3,2-b]pyrrole vs. furo[3,2-b]pyrrole. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10050-10058.	2.7	14
96	An insight into microscopy and analytical techniques for morphological, structural, chemical, and thermal characterization of cellulose. <i>Microscopy Research and Technique</i> , 2022, 85, 1990-2015.	1.2	14
97	Miscibility and Acid Strength Govern Contact Doping of Organic Photovoltaics with Strong Polyelectrolytes. <i>Macromolecules</i> , 2015, 48, 5162-5171.	2.2	13
98	Fluoropolymer-diluted small molecule organic semiconductors with extreme thermal stability. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	13
99	Interfacial Concentration Profiles of Rubbery Polyolefin Lamellae Determined by Quantitative Electron Microscopy. <i>Macromolecules</i> , 2008, 41, 156-162.	2.2	12
100	Quantifying the role of interfacial width on intermolecular charge recombination in block copolymer photovoltaics. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 1224-1230.	2.4	12
101	Phase behavior of poly( $\epsilon$ -hexylthiophene-2,5-diyl). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 1202-1206.	2.4	12
102	Revealing the Importance of Energetic and Entropic Contributions to the Driving Force for Charge Photogeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 39933-39941.	4.0	12
103	Cold sintering to form bulk maghemite for characterization beyond magnetic properties. <i>International Journal of Ceramic Engineering &amp; Science</i> , 2019, 1, 119-124.	0.5	11
104	Cold sintering process for fabrication of a high volumetric capacity Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> anode. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 250, 114435.	1.7	11
105	Nanostructured Thermoset/Thermoset Blends Compatibilized with an Amphiphilic Block Copolymer. <i>Macromolecules</i> , 2019, 52, 3104-3114.	2.2	11
106	Molecular Weight Characterization of Conjugated Polymers Through Gel Permeation Chromatography and Static Light Scattering. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4572-4578.	2.0	11
107	Fluorinated and hydrogenated self-assembled monolayers (SAMs) on anodes: Effects of SAM chemistry on device characteristics of polymer solar cells. <i>Organic Electronics</i> , 2014, 15, 3333-3340.	1.4	10
108	Resonant Soft X-Ray Scattering Provides Protein Structure with Chemical Specificity. <i>Structure</i> , 2018, 26, 1513-1521.e3.	1.6	10

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109	Imaging 0.36 nm Lattice Planes in Conjugated Polymers by Minimizing Beam Damage. <i>Macromolecules</i> , 2020, 53, 8296-8302.	2.2	10
110	Thioether-Based Polymeric Micelles with Fine-Tuned Oxidation Sensitivities for Chemotherapeutic Drug Delivery. <i>Biomacromolecules</i> , 2022, 23, 77-88.	2.6	10
111	Microstructure and Solvent Distribution in Cross-Linked Diblock Copolymer Gels. <i>Macromolecules</i> , 2007, 40, 5103-5110.	2.2	9
112	Controlling crystallization to improve charge mobilities in transistors based on 2,7-dioctyl[1]benzothieno[3,2-b][1]benzothiophene. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8799-8803.	2.7	9
113	Elucidating Mechanisms for Electron Beam Damage in Conjugated Polymers. <i>Microscopy and Microanalysis</i> , 2018, 24, 1988-1989.	0.2	8
114	Demonstrating low-temperature sintering of boron carbide powders. <i>International Journal of Ceramic Engineering &amp; Science</i> , 2019, 1, 178-184.	0.5	8
115	Thermal Fluctuations Lead to Cumulative Disorder and Enhance Charge Transport in Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1900134.	2.0	8
116	Improved Self-Assembly of P3HT with Pyrene-Functionalized Methacrylates. <i>ACS Omega</i> , 2021, 6, 27325-27334.	1.6	8
117	Revealing temperature-dependent polymer aggregation in solution with small-angle X-ray scattering. <i>Journal of Materials Chemistry A</i> , 2022, 10, 2096-2104.	5.2	8
118	Elemental Mapping of Interfacial Layers at the Cathode of Organic Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 19638-19643.	4.0	7
119	Close-Packed Spherical Morphology in an ABA Triblock Copolymer Aligned with Large-Amplitude Oscillatory Shear. <i>Macromolecules</i> , 2016, 49, 4875-4888.	2.2	7
120	Morphing Simulations Reveal Architecture Effects on Polymer Miscibility. <i>Macromolecules</i> , 2020, 53, 9386-9396.	2.2	7
121	Predicting $\chi$ of Polymer Blends Using Atomistic Morphing Simulations. <i>Macromolecules</i> , 2021, 54, 10447-10455.	2.2	7
122	Enhancing resistance of poly(ether ketone ketone) to high-temperature steam through crosslinking and crystallization control. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47727.	1.3	6
123	Aluminum oxide free-standing thin films to enable nitrogen edge soft x-ray scattering. <i>MRS Communications</i> , 2019, 9, 224-228.	0.8	6
124	Mechanomorphogenic Films Formed via Interfacial Assembly of Fluorinated Amino Acids. <i>Advanced Functional Materials</i> , 2021, 31, 2104223.	7.8	6
125	Twisted $\text{A}^{\text{D}}\text{A}$ Type Acceptors with Thermally-Activated Delayed Crystallization Behavior for Efficient Nonfullerene Organic Solar Cells. <i>Advanced Energy Materials</i> , 0, , 2103957.	10.2	6
126	Push-pull architecture eliminates chain length effects on exciton dissociation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22758-22767.	5.2	5



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127	Tuning fullerene miscibility with porphyrin-terminated P3HTs in bulk heterojunction blends. <i>Soft Matter</i> , 2020, 16, 9769-9779.	1.2	5
128	Connecting soft x-ray anisotropy with local order in conjugated polymers. <i>MRS Communications</i> , 2019, 9, 1168-1173.	0.8	4
129	Conductive triethylene glycol monomethyl ether substituted polythiophenes with high stability in the doped state. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1079-1086.	2.5	4
130	Nematic Coupling in Polybutadiene from MD Simulations. <i>Macromolecules</i> , 2019, 52, 528-534.	2.2	4
131	Rapid preparation of nanodiscs for biophysical studies. <i>Archives of Biochemistry and Biophysics</i> , 2021, 712, 109051.	1.4	4
132	Thermoreversible Changes in Aligned and Cross-Linked Block Copolymer Melts Studied by Two Color Depolarized Light Scattering. <i>Macromolecules</i> , 2012, 45, 7590-7598.	2.2	3
133	Strategies for elemental mapping from energy-filtered TEM of polymeric materials. <i>MRS Communications</i> , 2018, 8, 1321-1327.	0.8	3
134	Resonant X-ray scattering of biological assemblies. <i>MRS Communications</i> , 2021, 11, 1-17.	0.8	3
135	Quantum transport in three-dimensional metalattices of platinum featuring an unprecedentedly large surface area to volume ratio. <i>Physical Review Materials</i> , 2020, 4, .	0.9	3
136	Atomistic level aqueous dissolution dynamics of NASICON-Type $\text{Li}_{1-x}\text{Al}_x\text{Ti}_2\text{P}_3(\text{PO}_4)_4$ (LATP). <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 4125-4130.	1.3	3
137	Solar Cells: Domain Compositions and Fullerene Aggregation Govern Charge Photogeneration in Polymer/Fullerene Solar Cells ( <i>Adv. Energy Mater.</i> 11/2014). <i>Advanced Energy Materials</i> , 2014, 4, .	10.2	2
138	New developments in phase Contrast Transmission Electron Microscopy with Electrostatic Phase Plate. <i>Microscopy and Microanalysis</i> , 2009, 15, 1086-1087.	0.2	1
139	Mechanomorphogenic Films Formed via Interfacial Assembly of Fluorinated Amino Acids ( <i>Adv. Funct. Mater.</i> 11/2014). <i>Advanced Functional Materials</i> , 2014, 4, .	7.8	1
140	Organic Thin-Film Transistors: Controlling Nucleation and Crystallization in Solution-Processed Organic Semiconductors for Thin-Film Transistors ( <i>Adv. Mater.</i> 35/2009). <i>Advanced Materials</i> , 2009, 21, NA-NA.	11.1	0
141	Characterization of chain alignment at buried interfaces using Mueller matrix spectroscopy. <i>MRS Communications</i> , 2020, 10, 292-297.	0.8	0