

Ullrich Scherf

List of Articles by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Coherent Control of Single Molecules via Phase-Shaped Two-Photon Excitation at Room Temperature. <i>Ultrafast Science</i> , 2025, 5, .	9.3	1
2	Low-cost synthesis of soluble bay-substituted terylenes for p-type charge transport and efficient photodetection on field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2025, 13, 7518-7527.	5.1	4
3	Temporal bandwidth of consecutive polariton condensation. <i>Physical Review B</i> , 2025, 111, .	3.4	1
4	In situ tunable, room-temperature polariton condensation in individual states of a 1D topological lattice. <i>Science Advances</i> , 2025, 11, .	10.9	5
5	Chain Length Dependence of the Optical Activity of Helical Triptycene-Based Conjugated Ladder Polymers. <i>Advanced Optical Materials</i> , 2024, 12, .	7.0	8
6	Microporous Polymer-Modified Glassy Carbon Electrodes for the Electrochemical Detection of Metronidazole: Experimental and Theoretical Insights. <i>Nanomaterials</i> , 2024, 14, 180.	4.0	4
7	Temporal mode switching during polariton condensation. <i>Communications Physics</i> , 2024, 7, .	5.3	3
8	Room temperature, cascable, all-optical polariton universal gates. <i>Nature Communications</i> , 2024, 15, .	13.7	19
9	Two Regioisomeric Ladder Polymers with a Fully Conjugated or Cross-Conjugated Polyacene-Type Skeleton. <i>Macromolecules</i> , 2024, 57, 6390-6395.	5.0	4
10	Photon statistics of organic polariton condensates. <i>Physical Review B</i> , 2024, 110, .	3.4	5
11	Electropolymerization of a New Diketopyrrolopyrrole Derivative into Inherent Chiral Polymer Films. <i>Nanomaterials</i> , 2024, 14, 1776.	4.0	3
12	Circularly Polarized Light Probes Excited State Delocalization in Rectangular Ladder-Type Pentaphenyl Helices. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	14.4	17
13	Conjugated Polymers: Where We Come From, Where We Stand, and Where We Might Go. <i>Macromolecular Chemistry and Physics</i> , 2023, 224, .	2.4	79
14	Thin Polymer Films by Oxidative or Reductive Electropolymerization and Their Application in Electrochromic Windows and Thin-Film Sensors. <i>Molecules</i> , 2023, 28, 883.	4.2	20
15	Organic copolymer lasing from single defect microcavity fabricated using laser patterning. <i>Journal of Materials Chemistry C</i> , 2023, 11, 8204-8213.	5.1	3
16	The Influence of the Side Chain Structure on the Photostability of Low Band Gap Polymers. <i>Molecules</i> , 2023, 28, 3858.	4.2	1
17	Ultrafast Optical Control of Polariton Energy in an Organic Semiconductor Microcavity. <i>Advanced Optical Materials</i> , 2023, 11, .	7.0	7
18	Coordination of Tetracyanoquinodimethane-Derivatives with Tris(pentafluorophenyl)borane Provides Stronger p-Dopants with Enhanced Stability. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 46148-46156.	8.0	14

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19	Influence of Backbone Ladderization and Side Chain Variation on the Orientation of Diketopyrrolopyrrole-Based Donor-Acceptor Copolymers. <i>Molecules</i> , 2023, 28, 6435.	4.2	0
20	Enhancing Electrochemical Transistors Based on Polymer-Wrapped (6,5) Carbon Nanotube Networks with Ethylene Glycol Side Chains. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 8209-8217.	8.0	16
21	Static and Dynamic Disorder of Charge Transfer States Probed by Optical Spectroscopy. <i>Advanced Energy Materials</i> , 2022, 12, .	22.5	17
22	Organic Synaptic Diodes Based on Polymeric Mixed Ionic–Electronic Conductors. <i>Advanced Electronic Materials</i> , 2022, 8, .	4.9	6
23	Tracking Exciton Diffusion and Exciton Annihilation in Single Nanoparticles of Conjugated Polymers by Photon Correlation Spectroscopy. <i>Advanced Optical Materials</i> , 2022, 10, .	7.0	5
24	Nanostructuring with Surfactants: The Self-Assembly of a New Poly(thiophene-phenylene) Conjugated Polymer Bearing Azacrown Ether Pendant Groups. <i>Langmuir</i> , 2022, 38, 11845-11859.	3.6	3
25	Influence of the Side Chain Structure on the Electronic Structure and Self-Organization Properties of Low Band Gap Polymers. <i>ACS Applied Energy Materials</i> , 2022, 5, 15290-15301.	5.4	4
26	Charge Transport in High–Mobility Field–Effect Transistors Based on Inkjet Printed Random Networks of Polymer Wrapped Single–Walled Carbon Nanotubes. <i>Advanced Functional Materials</i> , 2021, 31, .	17.0	25
27	Polymeric near infrared emitters with bay-annulated indigo moieties. <i>Materials Advances</i> , 2021, 2, 3736-3743.	4.6	7
28	Tunable exciton–polariton condensation in a two-dimensional Lieb lattice at room temperature. <i>Communications Physics</i> , 2021, 4, .	5.3	43
29	Development of Quantum Dot (QD) Based Color Converters for Multicolor Display. <i>Nanomaterials</i> , 2021, 11, 1089.	4.0	7
30	Ionic Conductivity in Polyfluorene-Based Diblock Copolymers Comprising Nanodomains of a Polymerized Ionic Liquid and a Solid Polymer Electrolyte Doped with LiTFSI. <i>Macromolecules</i> , 2021, 54, 4257-4268.	5.0	16
31	Reductive Coupling Synthesis of a Soluble Poly(9,10-anthrylene ethynylene). <i>Organic Materials</i> , 2021, 03, 184-190.	2.1	1
32	Tuning J–Aggregate Formation and Emission Efficiency in Cationic Diazapentacenium Dyes. <i>Chemistry - A European Journal</i> , 2021, 27, 7826-7830.	3.4	12
33	Cationic Diazapentacenium Polymers Made in a Sequence of C–N Cross Coupling Polymerization and Acid–Mediated Postpolymerization Cyclization. <i>Macromolecular Rapid Communications</i> , 2021, 42, .	4.1	3
34	Fluorescence Studies on a Thermoresponsive PNIPAM-Polyfluorene Graft Copolymer. <i>Macromolecules</i> , 2021, 54, 7612-7620.	5.0	9
35	Single-photon nonlinearity at room temperature. <i>Nature</i> , 2021, 597, 493-497.	37.9	134
36	Unexpectedly flexible graphene nanoribbons with a polyacene ladder skeleton. <i>Journal of Materials Chemistry C</i> , 2021, 9, 16208-16216.	5.1	16

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37	Electrooxidative generation of polymer films from rigid tricarbazole monomers. RSC Advances, 2021, 11, 4654-4659.	4.4	1
38	One-Step, Room Temperature Synthesis of Well-Defined, Organo-Soluble Multifunctional Aromatic Polyimides. Macromolecules, 2021, 54, 10870-10882.	5.0	16
39	Structurally simple OLEDs based on a new fluorinated poly(oxindolylidenearylene). Dyes and Pigments, 2020, 173, 107989.	3.9	15
40	Designing highly fluorescent, arylated poly(phenylene vinylene)s of intrinsic microporosity. Journal of Materials Chemistry C, 2020, 8, 2248-2257.	5.1	17
41	Ultrafast Single-Molecule Fluorescence Measured by Femtosecond Double-Pulse Excitation Photon Antibunching. Nano Letters, 2020, 20, 1074-1079.	8.7	25
42	Boosting Oxygen Reduction of Single Iron Active Sites via Geometric and Electronic Engineering: Nitrogen and Phosphorus Dual Coordination. Journal of the American Chemical Society, 2020, 142, 2404-2412.	15.0	989
43	Customizing the Polarity of Single-Walled Carbon Nanotube Field-Effect Transistors Using Solution-Based Additives. Advanced Electronic Materials, 2020, 6, .	4.9	15
44	Synaptic Plasticity in Semiconducting Single-Walled Carbon Nanotubes Transistors. Advanced Intelligent Systems, 2020, 2, .	5.5	11
45	Spiropyran-Functionalized Polymer-Carbon Nanotube Hybrids for Dynamic Optical Memory Devices and UV Sensors. Advanced Electronic Materials, 2020, 6, .	4.9	26
46	Restricted Aggregate Formation on Tetraphenylethene-Substituted Polythiophenes. Journal of Physical Chemistry C, 2020, 124, 13956-13965.	3.1	16
47	Dynamic Quenching of Triplet Excitons in Single Conjugated-Polymer Chains. Journal of Physical Chemistry Letters, 2020, 11, 5192-5198.	4.2	7
48	Trap-Assisted Triplet Emission in Ladder-Polymer-Based Light-Emitting Diodes. Advanced Electronic Materials, 2020, 6, .	4.9	9
49	Reliably Estimating the Length of the Effectively Conjugated Segment in Ladder Poly(para-phenylene)s. Organic Materials, 2020, 02, 159-164.	2.1	5
50	An Organic Borate Salt with Superior p-Doping Capability for Organic Semiconductors. Advanced Science, 2020, 7, .	12.6	44
51	What Determines the Glass Temperature and dc-Conductivity in Imidazolium-Polymerized Ionic Liquids with a Polythiophene Backbone?. Macromolecules, 2020, 53, 3535-3550.	5.0	33
52	Tuning the Exciton Diffusion Coefficient of Polyfluorene Based Semiconducting Polymers. Physica Status Solidi - Rapid Research Letters, 2019, 13, .	2.0	6
53	Two-photon induced ultrafast coherence decay of highly excited states in single molecules. New Journal of Physics, 2019, 21, 045001.	2.9	13
54	POXINAR Membrane Family for Gas Separation. Industrial & Engineering Chemistry Research, 2019, 58, 15280-15287.	3.9	26

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55	Thin Functional Polymer Films by Electropolymerization. <i>Nanomaterials</i> , 2019, 9, 1125.	4.0	55
56	Doping-Dependent Energy Transfer from Conjugated Polyelectrolytes to (6,5) Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 22680-22689.	3.1	11
57	Neutral, $\dot{\text{I}}$ -Radical-Conjugated Microporous Polymer Films of Nanoscale Thickness for Potential Use in Magnetolectronics and Sensor Devices. <i>ACS Applied Nano Materials</i> , 2019, 2, 4832-4841.	5.3	25
58	Luminescent Solar Concentrators Based on Energy Transfer from an Aggregation-Induced Emitter Conjugated Polymer. <i>ACS Applied Polymer Materials</i> , 2019, 1, 3039-3047.	4.6	57
59	Aromatic polymers made by reductive polydehalogenation of oligocyclic monomers as conjugated polymers of intrinsic microporosity (C-PIMs). <i>Polymer Chemistry</i> , 2019, 10, 5200-5205.	3.9	10
60	$\dot{\text{I}}$ -Expanded diketopyrrolopyrroles as acceptor building blocks for the formation of novel donor-acceptor copolymers. <i>Polymer Chemistry</i> , 2019, 10, 627-632.	3.9	21
61	Remarkably Stable, High-Quality Semiconducting Single-Walled Carbon Nanotube Inks for Highly Reproducible Field-Effect Transistors. <i>Advanced Electronic Materials</i> , 2019, 5, .	4.9	18
62	Direct Arylation Polycondensation (DAP) Synthesis of Alternating Quaterthiophene-Benzothiadiazole Copolymers for Organic Solar Cell Applications. <i>ChemPlusChem</i> , 2019, 84, 1249-1252.	2.6	6
63	Direct observation of state-filling at hybrid tin oxide/organic interfaces. <i>Applied Physics Letters</i> , 2019, 114, .	3.0	5
64	Poly(9-undecyl-9-methylfluorene) and poly(9-pentadecyl-9-methylfluorene): Synthesis, solution structure, and effect of side chain asymmetry on aggregation behavior. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 826-837.	2.6	3
65	What is the Binding Energy of a Charge Transfer State in an Organic Solar Cell?. <i>Advanced Energy Materials</i> , 2019, 9, .	22.5	64
66	A room-temperature organic polariton transistor. <i>Nature Photonics</i> , 2019, 13, 378-383.	29.0	268
67	Measuring structural inhomogeneity of a helical conjugated polymer at high pressure and temperature. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 392-396.	2.6	1
68	Ladder-Type Polymers and Ladder-Type Polyelectrolytes with On-Chain Dibenz[<i>a,h</i>]anthracene Chromophores. <i>Macromolecules</i> , 2019, 52, 3115-3122.	5.0	19
69	In situ nanoarchitecturing and active-site engineering toward highly efficient carbonaceous electrocatalysts. <i>Nano Energy</i> , 2019, 59, 207-215.	16.2	62
70	Understanding the Selection Mechanism of the Polymer Wrapping Technique toward Semiconducting Carbon Nanotubes. <i>Small Methods</i> , 2018, 2, .	9.0	21
71	$\hat{1},\hat{2}$ -Unsubstituted meso-positioning thienyl BODIPY: a promising electron deficient building block for the development of near infrared (NIR) p-type donor-acceptor (D-A) conjugated polymers. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4030-4040.	5.1	25
72	Conjugated polymers containing tetraphenylethylene in the backbones and side-chains for highly sensitive TNT detection. <i>RSC Advances</i> , 2018, 8, 5760-5767.	4.4	38

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73	On the Molecular Origin of Charge Separation at the Donor–Acceptor Interface. <i>Advanced Energy Materials</i> , 2018, 8, .	22.5	58
74	Synergetic Contribution of Boron and Fe–Nx Species in Porous Carbons toward Efficient Electrocatalysts for Oxygen Reduction Reaction. <i>ACS Energy Letters</i> , 2018, 3, 252-260.	17.0	306
75	New n-Type Solution Processable All Conjugated Polymer Network: Synthesis, Optoelectronic Characterization, and Application in Organic Solar Cells. <i>Macromolecular Rapid Communications</i> , 2018, 39, .	4.1	8
76	From Broadband to Electrochromic Notch Filters with Printed Monochiral Carbon Nanotubes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 11135-11142.	8.0	47
77	A Generalized Packing Model for Bulk Crystalline Regioregular Poly(3-alkylthiophenes) with Extended Side Chains. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, .	2.4	13
78	Room-Temperature Exciton-Polariton Condensation in a Tunable Zero-Dimensional Microcavity. <i>ACS Photonics</i> , 2018, 5, 85-89.	6.0	40
79	Alternating donor–acceptor indigo-cyclopentadithiophene copolymers: competition between excited state conformational relaxation, energy transfer and excited state proton transfer. <i>Materials Chemistry Frontiers</i> , 2018, 2, 281-290.	6.1	7
80	Cyclopentadithiophene derivatives: a step towards an understanding of thiophene copolymer excited state deactivation pathways. <i>Materials Chemistry Frontiers</i> , 2018, 2, 149-156.	6.1	12
81	Enhancing Quantum Dot Solar Cells Stability with a Semiconducting Single-Walled Carbon Nanotubes Interlayer Below the Top Anode. <i>Advanced Materials Interfaces</i> , 2018, 5, .	4.0	27
82	Scope and Limitations of the Dehydrogenative Generation of Graphenic Nanoribbons from Methylene-Bridged, Aromatic Ladder Polymers. <i>Macromolecular Rapid Communications</i> , 2018, 39, .	4.1	5
83	Synthesis of High Molecular Weight 1,4-Polynaphthalene for Solution-Processed True Color Blue Light Emitting Diode. <i>Macromolecules</i> , 2018, 51, 8324-8329.	5.0	14
84	Nanometer-Thick Conjugated Microporous Polymer Films for Selective and Sensitive Vapor-Phase TNT Detection. <i>ACS Applied Nano Materials</i> , 2018, 1, 6483-6492.	5.3	44
85	Aggregation-Induced Emission in Phenothiazine–TPE and –TPAN Polymers. <i>Macromolecules</i> , 2018, 51, 8501-8512.	5.0	47
86	Visualizing Hidden Ultrafast Processes in Individual Molecules by Single-Pulse Coherent Control. <i>Journal of the American Chemical Society</i> , 2018, 140, 15329-15335.	15.0	15
87	Two Anthracene-Based Copolymers as the Hole-Transporting Materials for High-Performance Inverted (p-i-n) Perovskite Solar Cells. <i>Macromolecules</i> , 2018, 51, 7407-7416.	5.0	14
88	Temperature-Dependent Charge Transport in Polymer-Sorted Semiconducting Carbon Nanotube Networks with Different Diameter Distributions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19886-19896.	3.1	58
89	Tetraphenylethylene-BODIPY aggregation-induced emission luminogens for near-infrared polymer light-emitting diodes. <i>Science China Chemistry</i> , 2018, 61, 932-939.	8.3	67
90	Suppressing the Surface Recombination and Tuning the Open-Circuit Voltage of Polymer/Fullerene Solar Cells by Implementing an Aggregative Ternary Compound. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28803-28811.	8.0	16

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91	Effects of Charge Density on Photophysics and Aggregation Behavior of Anionic Fluorene-Arylene Conjugated Polyelectrolytes. <i>Polymers</i> , 2018, 10, 258.	4.5	7
92	Polymerâ€“Nanocarbon Topological and Electronic Interface. <i>Langmuir</i> , 2018, 34, 6225-6230.	3.6	5
93	Electrochemically Generated Conjugated Microporous Polymer Network Thin Films for Chemical Sensor Applications. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, .	2.4	30
94	Polymerized Ionic Liquids with Polythiophene Backbones: Self-Assembly, Thermal Properties, and Ion Conduction. <i>Macromolecules</i> , 2018, 51, 6440-6450.	5.0	27
95	Porous organic polymers as emerging new materials for organic photovoltaic applications: current status and future challenges. <i>Materials Horizons</i> , 2017, 4, 546-556.	10.2	148
96	2D Heterostructures Derived from MoS ₂ â€“Templated, Cobaltâ€“Containing Conjugated Microporous Polymer Sandwiches for the Oxygen Reduction Reaction and Electrochemical Energy Storage. <i>ChemElectroChem</i> , 2017, 4, 709-715.	2.9	34
97	BODIPY-based polymeric dyes as emerging horizon materials for biological sensing and organic electronic applications. <i>Progress in Polymer Science</i> , 2017, 71, 26-52.	25.1	81
98	Beyond Donor-Acceptor (D-A) Approach: Structure-Optoelectronic Properties-Organic Photovoltaic Performance Correlation in New D-A1-D-A2Low-Bandgap Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600720.	4.1	20
99	Interplay of localized pyrene chromophores and Î€-conjugation in novel poly(2,7-pyrene) ladder polymers. <i>Journal of Chemical Physics</i> , 2017, 146, .	2.8	12
100	Highly Efficient Solid-State Near-infrared Organic Light-Emitting Diodes incorporating A-D-A Dyes based on Î±,Î²-unsubstituted â€œBODIPYâ€“Moieties. <i>Scientific Reports</i> , 2017, 7, .	3.4	127
101	Onâ€“Chip Chemical Selfâ€“Assembly of Semiconducting Singleâ€“Walled Carbon Nanotubes (SWNTs): Toward Robust and Scale Invariant SWNTs Transistors. <i>Advanced Materials</i> , 2017, 29, .	24.5	41
102	Luminescent tetraphenylethene-cored, carbazole- and thiophene-based microporous polymer films for the chemosensing of nitroaromatic analytes. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1118-1124.	6.1	69
103	A Complex Interrelationship between Temperature-Dependent Polyquaterthiophene (PQT) Structural and Electrical Properties. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23149-23157.	3.1	5
104	The Impact of Driving Force and Temperature on the Electron Transfer in Donorâ€“Acceptor Blend Systems. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22739-22752.	3.1	62
105	Ureasil organicâ€“inorganic hybrids as photoactive waveguides for conjugated polyelectrolyte luminescent solar concentrators. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2271-2282.	6.1	20
106	An Allâ€“Solutionâ€“Based Hybrid CMOSâ€“Like Quantum Dot/Carbon Nanotube Inverter. <i>Advanced Materials</i> , 2017, 29, .	24.5	35
107	Selective recognition of biologically important anions using a diblock polyfluoreneâ€“polythiophene conjugated polyelectrolyte. <i>Polymer Chemistry</i> , 2017, 8, 7151-7159.	3.9	7
108	Excited-State Interaction of Semiconducting Single-Walled Carbon Nanotubes with Their Wrapping Polymers. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5666-5672.	4.2	23

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109	Catalyst- and solvent-free, thermal generation of microporous polymer networks. <i>Science China Chemistry</i> , 2017, 60, 1103-1106.	8.3	1
110	Visualizing the radical-pair mechanism of molecular magnetic field effects by magnetic resonance induced electrofluorescence to electrophosphorescence interconversion. <i>Physical Review B</i> , 2017, 95, .	3.4	21
111	Nitrogen-doped porous carbon/graphene nanosheets derived from two-dimensional conjugated microporous polymer sandwiches with promising capacitive performance. <i>Materials Chemistry Frontiers</i> , 2017, 1, 278-285.	6.1	76
112	Cationic Main-Chain Polyelectrolytes with Pyridinium-Based p-Phenylenevinylene Units and Their Aggregation-Induced Gelation. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, .	2.4	7
113	Indacenodithienothiophene-Based Ternary Organic Solar Cells. <i>Frontiers in Energy Research</i> , 2017, 4, .	2.0	8
114	Displacement of polarons by vibrational modes in doped conjugated polymers. <i>Physical Review Materials</i> , 2017, 1, .	2.7	35
115	Light Emission Properties of a Cross-Conjugated Fluorene Polymer: Demonstration of Its Use in Electro-Luminescence and Lasing Devices. <i>Polymers</i> , 2016, 8, 43.	4.5	16
116	Inkjet Printed Single-Walled Carbon Nanotube Based Ambipolar and Unipolar Transistors for High-Performance Complementary Logic Circuits. <i>Advanced Electronic Materials</i> , 2016, 2, .	4.9	50
117	Conjugated Polymer Nanoparticle-Triplet Emitter Hybrids in Aqueous Dispersion: Fabrication and Fluorescence Quenching Behavior. <i>Macromolecular Rapid Communications</i> , 2016, 37, 271-277.	4.1	3
118	Tunable White-Light Emission from Conjugated Polymer-Diureasil Materials. <i>Advanced Functional Materials</i> , 2016, 26, 532-542.	17.0	37
119	Incorporating an Alternating Donor-Acceptor Structure into a Ladder Polymer Backbone. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7816-7820.	14.4	56
120	Two-Dimensional Core-Shell Porous Hybrids as Highly Efficient Catalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6858-6863.	14.4	138
121	Two-Dimensional Core-Shell Porous Hybrids as Highly Efficient Catalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , 2016, 128, 6972-6977.	1.4	26
122	Insight into the orientation of LBG polymer films by XANES experiment and calculation. <i>European Polymer Journal</i> , 2016, 81, 686-693.	5.9	11
123	Sequential detection of multiple phase transitions in model biological membranes using a red-emitting conjugated polyelectrolyte. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12423-12427.	2.7	11
124	Very High Solid State Photoluminescence Quantum Yields of Poly(tetraphenylethylene) Derivatives. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1802-1806.	4.1	24
125	Zero-Dimensional Organic Exciton-Polaritons in Tunable Coupled Gaussian Defect Microcavities at Room Temperature. <i>ACS Photonics</i> , 2016, 3, 1542-1545.	6.0	37
126	Electrochemically Generated Thin Films of Microporous Polymer Networks: Synthesis, Properties, and Applications. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 827-841.	2.4	49

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127	Charge-Mediated Localization of Conjugated Polythiophenes in Zwitterionic Model Cell Membranes. <i>Langmuir</i> , 2016, 32, 8141-8153.	3.6	19
128	Effect of side-chain asymmetry on the intermolecular structure and order-disorder transition in alkyl-substituted polyfluorenes. <i>Physical Review E</i> , 2016, 93, .	2.1	3
129	Elektrochrome Fenster mit leitenden Polymeren. <i>Chemie in Unserer Zeit</i> , 2016, 50, 400-405.	0.2	3
130	Silicon- or Carbon-Cored Multifunctional Carbazolyl Monomers for the Electrochemical Generation of Microporous Polymer Films. <i>Macromolecules</i> , 2016, 49, 8041-8047.	5.0	38
131	Highly sensitive gas-phase explosive detection by luminescent microporous polymer networks. <i>Scientific Reports</i> , 2016, 6, .	3.4	66
132	Anomalous Carrier Transport in Ambipolar Field-Effect Transistor of Large Diameter Single-Walled Carbon Nanotube Network. <i>Advanced Electronic Materials</i> , 2016, 2, .	4.9	16
133	Electronic structure and self-organization properties of low band gap polymers: The effect of the introduction of additional thiophene moieties. <i>Solar Energy Materials and Solar Cells</i> , 2016, 157, 286-294.	6.1	6
134	Incorporating an Alternating Donor-Acceptor Structure into a Ladder Polymer Backbone. <i>Angewandte Chemie</i> , 2016, 128, 7947-7951.	1.4	9
135	Engineering the Morphology of Carbon Materials: 2D Porous Carbon Nanosheets for High-Performance Supercapacitors. <i>ChemElectroChem</i> , 2016, 3, 822-828.	2.9	98
136	Highly Luminescent Colloidal CdS Quantum Dots with Efficient Near-Infrared Electroluminescence in Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2016, 120, 1871-1880.	3.1	77
137	Influence of the Conjugation Length on the Optical Spectra of Single Ladder-Type (p-Phenylene) Dimers and Polymers. <i>Journal of Physical Chemistry A</i> , 2016, 120, 233-240.	2.5	30
138	Straightforward Generation of Pillared, Microporous Graphene Frameworks for Use in Supercapacitors. <i>Advanced Materials</i> , 2015, 27, 6714-6721.	24.5	151
139	Electrogenerated Thin Films of Microporous Polymer Networks with Remarkably Increased Electrochemical Response to Nitroaromatic Analytes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11127-11133.	8.0	104
140	What conjugated polyelectrolytes tell us about aggregation in polyelectrolyte/surfactant systems. <i>Journal of Molecular Liquids</i> , 2015, 210, 82-99.	5.0	28
141	Polyelectrolyte Complexes of a Cationic All Conjugated Fluorene-Thiophene Diblock Copolymer with Aqueous DNA. <i>Journal of Physical Chemistry B</i> , 2015, 119, 3231-3241.	2.7	20
142	Scope and Limitations of a Direct Arylation Polycondensation Scheme in the Synthesis of PCPDTBT-Type Copolymers. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1061-1068.	4.1	59
143	How intermolecular geometrical disorder affects the molecular doping of donor-acceptor copolymers. <i>Nature Communications</i> , 2015, 6, .	13.7	113
144	Charge transfer in and conductivity of molecularly doped thiophene-based copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 58-63.	2.6	45

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145	Unusual photophysical properties of conjugated, alternating indigo-fluorene copolymers. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6373-6382.	9.3	27
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162	Effect of temperature on the selection of semiconducting single walled carbon nanotubes using Poly(3-dodecylthiophene-2,5-diyl). <i>Carbon</i> , 2015, 84, 66-73.	10.7	35

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