

Timothy M Swager

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546
papers

44,267
citations

99
h-index

192
g-index

583
ext. papers

47,479
ext. citations

10.8
avg, IF

8.05
L-index

#	Paper	IF	Citations
546	Chemical sensors based on amplifying fluorescent conjugated polymers. <i>Chemical Reviews</i> , 2007 , 107, 1339-86	68.1	3646
545	Conjugated polymer-based chemical sensors. <i>Chemical Reviews</i> , 2000 , 100, 2537-74	68.1	3333
544	Fluorescent Porous Polymer Films as TNT Chemosensors: Electronic and Structural Effects. <i>Journal of the American Chemical Society</i> , 1998 , 120, 11864-11873	16.4	1064
543	The Molecular Wire Approach to Sensory Signal Amplification. <i>Accounts of Chemical Research</i> , 1998 , 31, 201-207	24.3	1004
542	Porous Shape Persistent Fluorescent Polymer Films: An Approach to TNT Sensory Materials. <i>Journal of the American Chemical Society</i> , 1998 , 120, 5321-5322	16.4	736
541	Sensitivity gains in chemosensing by lasing action in organic polymers. <i>Nature</i> , 2005 , 434, 876-9	50.4	653
540	Fluorescent Chemosensors Based on Energy Migration in Conjugated Polymers: The Molecular Wire Approach to Increased Sensitivity. <i>Journal of the American Chemical Society</i> , 1995 , 117, 12593-12602	16.4	616
539	Cu(hexaiminotriphenylene) an electrically conductive 2D metal-organic framework for chemiresistive sensing. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4349-52	16.4	596
538	Emerging Applications of Carbon Nanotubes <i>Chemistry of Materials</i> , 2011 , 23, 646-657	9.6	584
537	Chemiresistive Sensor Arrays from Conductive 2D Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2015 , 137, 13780-3	16.4	491
536	Discrete Intensity Jumps and Intramolecular Electronic Energy Transfer in the Spectroscopy of Single Conjugated Polymer Molecules. <i>Science</i> , 1997 , 277, 1074-1077	33.3	475
535	Carbon Nanotube Chemical Sensors. <i>Chemical Reviews</i> , 2019 , 119, 599-663	68.1	444
534	TOTAPOL: a biradical polarizing agent for dynamic nuclear polarization experiments in aqueous media. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11385-90	16.4	443
533	Control of conformational and interpolymer effects in conjugated polymers. <i>Nature</i> , 2001 , 411, 1030-4	50.4	432
532	Detection of bacteria with carbohydrate-functionalized fluorescent polymers. <i>Journal of the American Chemical Society</i> , 2004 , 126, 13343-6	16.4	422
531	High frequency dynamic nuclear polarization. <i>Accounts of Chemical Research</i> , 2013 , 46, 1933-41	24.3	409
530	Fluorescent detection of chemical warfare agents: functional group specific ratiometric chemosensors. <i>Journal of the American Chemical Society</i> , 2003 , 125, 3420-1	16.4	407

529	A transferable model for singlet-fission kinetics. <i>Nature Chemistry</i> , 2014 , 6, 492-7	17.6	349
528	Iptycenes in the design of high performance polymers. <i>Accounts of Chemical Research</i> , 2008 , 41, 1181-9	24.3	336
527	Method for enhancing the sensitivity of fluorescent chemosensors: energy migration in conjugated polymers. <i>Journal of the American Chemical Society</i> , 1995 , 117, 7017-7018	16.4	326
526	A fluorescent self-amplifying wavelength-responsive sensory polymer for fluoride ions. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 4803-6	16.4	319
525	Carbon nanotube/polythiophene chemiresistive sensors for chemical warfare agents. <i>Journal of the American Chemical Society</i> , 2008 , 130, 5392-3	16.4	318
524	Conducting metallopolymers: the roles of molecular architecture and redox matching. <i>Chemical Communications</i> , 2005 , 23-36	5.8	310
523	Conducting Polymetalloporotaxanes: Metal Ion Mediated Enhancements in Conductivity and Charge Localization. <i>Journal of the American Chemical Society</i> , 1997 , 119, 12568-12577	16.4	302
522	Thermally Activated Delayed Fluorescence and Aggregation Induced Emission with Through-Space Charge Transfer. <i>Journal of the American Chemical Society</i> , 2017 , 139, 4894-4900	16.4	300
521	Conjugated amplifying polymers for optical sensing applications. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 4488-502	9.5	297
520	Fluorescence Studies of Poly(p-phenyleneethynylene)s: The Effect of Anthracene Substitution. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 4886-4893		278
519	Sensory Responses in Solution vs Solid State: A Fluorescence Quenching Study of Poly(iptycenebutadiynylene)s. <i>Macromolecules</i> , 2005 , 38, 9377-9384	5.5	270
518	Thermally Activated Delayed Fluorescence Materials Based on Homoconjugation Effect of Donor-Acceptor Triptycenes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11908-11	16.4	260
517	Directed Electrophilic Cyclizations: Efficient Methodology for the Synthesis of Fused Polycyclic Aromatics. <i>Journal of the American Chemical Society</i> , 1997 , 119, 4578-4593	16.4	260
516	Designing conducting polymer-based sensors: selective ionochromic response in crown ether-containing polythiophenes. <i>Journal of the American Chemical Society</i> , 1993 , 115, 12214-12215	16.4	260
515	A highly selective fluorescent probe for thiol bioimaging. <i>Organic Letters</i> , 2008 , 10, 37-40	6.2	257
514	Dynamic nuclear polarization with biradicals. <i>Journal of the American Chemical Society</i> , 2004 , 126, 10844-10846	16.4	254
513	In vivo optical imaging of amyloid aggregates in brain: design of fluorescent markers. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5452-6	16.4	254
512	Dynamically reconfigurable complex emulsions via tunable interfacial tensions. <i>Nature</i> , 2015 , 518, 520-524	50.4	251

511	Selective detection of ethylene gas using carbon nanotube-based devices: utility in determination of fruit ripeness. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5752-6	16.4	251
510	A Poly(p-phenyleneethynylene) with a Highly Emissive Aggregated Phase. <i>Journal of the American Chemical Society</i> , 2000 , 122, 8565-8566	16.4	241
509	Synthesis and application of poly(phenylene ethynylene)s for bioconjugation: a conjugated polymer-based fluorogenic probe for proteases. <i>Journal of the American Chemical Society</i> , 2005 , 127, 3400-5	16.4	236
508	Synthesis of Diacetylene Macrocycles Derived from 1,2-Diethynyl Benzene Derivatives: Structure and Reactivity of the Strained Cyclic Dimer. <i>Journal of Organic Chemistry</i> , 1994 , 59, 1294-1301	4.2	215
507	Molecular design of free volume as a route to low-kappa dielectric materials. <i>Journal of the American Chemical Society</i> , 2003 , 125, 14113-9	16.4	203
506	Signal Amplification of a Turn-On Sensor: Harvesting the Light Captured by a Conjugated Polymer. <i>Journal of the American Chemical Society</i> , 2000 , 122, 12389-12390	16.4	197
505	Nanowire Chemical/Biological Sensors: Status and a Roadmap for the Future. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 1266-81	16.4	196
504	Fused Polycyclic Aromatics via Electrophile-Induced Cyclization Reactions: Application to the Synthesis of Graphite Ribbons. <i>Journal of the American Chemical Society</i> , 1994 , 116, 7895-7896	16.4	194
503	A fluorescence turn-on mechanism to detect high explosives RDX and PETN. <i>Journal of the American Chemical Society</i> , 2007 , 129, 7254-5	16.4	193
502	50th Anniversary Perspective: Conducting/Semiconducting Conjugated Polymers. A Personal Perspective on the Past and the Future. <i>Macromolecules</i> , 2017 , 50, 4867-4886	5.5	192
501	Columnar liquid crystallinity and mechanochromism in cationic platinum(II) complexes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2952-5	16.4	191
500	Ion-Specific Aggregation in Conjugated Polymers: Highly Sensitive and Selective Fluorescent Ion Chemosensors. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 3868-3872	16.4	181
499	Amplifying fluorescent polymer sensors for the explosives taggant 2,3-dimethyl-2,3-dinitrobutane (DMNB). <i>Chemical Communications</i> , 2005 , 4572-4	5.8	172
498	Probing a conjugated polymer's transfer of organization-dependent properties from solutions to films. <i>Journal of the American Chemical Society</i> , 2006 , 128, 9030-1	16.4	172
497	Ionoresistivity as a highly sensitive sensory probe: investigations of polythiophenes functionalized with calix[4]arene-based ion receptors. <i>Journal of the American Chemical Society</i> , 1995 , 117, 9842-9848	16.4	171
496	Conducting Polymetalloporphyrins: A Supramolecular Approach to Transition Metal Ion Sensors. <i>Journal of the American Chemical Society</i> , 1996 , 118, 8713-8714	16.4	170
495	Synthesis and mesomorphic properties of rigid-core ionic liquid crystals. <i>Journal of the American Chemical Society</i> , 2007 , 129, 14042-52	16.4	168
494	Photoluminescence in pyridine-based polymers: Role of aggregates. <i>Physical Review B</i> , 1996 , 54, 9180-9189	16.4	167

493	Probing substituent effects in aryl-aryl interactions using stereoselective Diels-Alder cycloadditions. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3304-11	16.4	159
492	Three-dimensional electronic delocalization in chiral conjugated polymers. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 4225-30	16.4	159
491	Anthryl-doped conjugated polyelectrolytes as aggregation-based sensors for nonquenching multicationic analytes. <i>Journal of the American Chemical Society</i> , 2007 , 129, 16020-8	16.4	155
490	Rigid bowl-like liquid crystals based on tungsten-oxo calix[4]arenes: host-guest effects and head-to-tail organization. <i>Journal of the American Chemical Society</i> , 1993 , 115, 1159-1160	16.4	154
489	High-frequency dynamic nuclear polarization using biradicals: a multifrequency EPR lineshape analysis. <i>Journal of Chemical Physics</i> , 2008 , 128, 052302	3.9	153
488	Oxidative cyclization of bis(biaryl)acetylenes: synthesis and photophysics of dibenzo[g,p]chrysene-based fluorescent polymers. <i>Journal of the American Chemical Society</i> , 2001 , 123, 12087-8	16.4	146
487	Energy Migration in a Poly(phenylene ethynylene): Determination of Interpolymer Transport in Anisotropic Langmuir-Blodgett Films. <i>Journal of the American Chemical Society</i> , 1999 , 121, 1466-1472	16.4	146
486	Electroactivity Enhancement by Redox Matching in Cobalt Salen-Based Conducting Polymers. <i>Advanced Materials</i> , 1998 , 10, 1100-1104	24	145
485	Triptycene Polyimides: Soluble Polymers with High Thermal Stability and Low Refractive Indices. <i>Macromolecules</i> , 2011 , 44, 976-980	5.5	142
484	Enhanced electrochemical expansion of graphite for in situ electrochemical functionalization. <i>Journal of the American Chemical Society</i> , 2012 , 134, 17896-9	16.4	138
483	Multiphoton Fluorescence Quenching of Conjugated Polymers for TNT Detection. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 881-884	3.8	138
482	Mechanical drawing of gas sensors on paper. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10740-10744	16.4	137
481	Supercapacitors from Free-Standing Polypyrrole/Graphene Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 10270-10276	3.8	137
480	Exciplex emission in bilayer polymer light-emitting devices. <i>Applied Physics Letters</i> , 1997 , 70, 1644-1646	3.4	135
479	Wireless gas detection with a smartphone via rf communication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 18162-6	11.5	132
478	Syntheses of soluble, pi-stacking tetracene derivatives. <i>Organic Letters</i> , 2006 , 8, 273-6	6.2	130
477	Minimization of Internal Molecular Free Volume: A Mechanism for the Simultaneous Enhancement of Polymer Stiffness, Strength, and Ductility. <i>Macromolecules</i> , 2006 , 39, 3350-3358	5.5	130
476	Spray-Layer-by-Layer Carbon Nanotube/Electrospun Fiber Electrodes for Flexible Chemiresistive Sensor Applications. <i>Advanced Functional Materials</i> , 2014 , 24, 492-502	15.6	129

475	Design of conducting redox polymers: A polythiophene-Ru(bipy) ₃ Hybrid Material. <i>Advanced Materials</i> , 1996 , 8, 497-500	24	129
474	Conjugation enhancement of intramolecular exciton migration in poly(p-phenylene ethynylene)s. <i>Journal of the American Chemical Society</i> , 2005 , 127, 10083-8	16.4	127
473	Allosteric Fluoride Anion Recognition by a Doubly Strapped Porphyrin This work was funded by the Department of Energy, by a contract through Bechtel Nevada, and the Office of Naval Research. M.T. thanks the Ministry of Education, Science and Culture of Japan for financial support and Prof. Itaru Hamachi and Mr. Masato Ikeda at Kyushu University for helpful discussions. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1575-1578	16.4	123
472	Using novel fluorescent polymers as sensory materials for above-ground sensing of chemical signature compounds emanating from buried landmines. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2001 , 39, 1119-1128	8.1	123
471	Design of chemoresistive sensory materials: polythiophene-based pseudopolyrotaxanes. <i>Journal of the American Chemical Society</i> , 1995 , 117, 9832-9841	16.4	122
470	Rapid prototyping of carbon-based chemiresistive gas sensors on paper. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E3265-70	11.5	119
469	Blue electroluminescent devices based on soluble poly(p-pyridine). <i>Journal of Applied Physics</i> , 1995 , 78, 4264-4266	2.5	119
468	How doping a cholesteric liquid crystal with polymeric dye improves an order parameter and makes possible low threshold lasing. <i>Journal of Applied Physics</i> , 2003 , 94, 279-283	2.5	117
467	Dark-field oxidative addition-based chemosensing: new bis-cyclometalated Pt(II) complexes and phosphorescent detection of cyanogen halides. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16641-8	16.4	116
466	Single-walled carbon nanotube/metalloporphyrin composites for the chemiresistive detection of amines and meat spoilage. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6554-7	16.4	115
465	Improving the performance of P3HT-fullerene solar cells with side-chain-functionalized poly(thiophene) additives: a new paradigm for polymer design. <i>ACS Nano</i> , 2012 , 6, 3044-56	16.7	115
464	Minimization of Free Volume: Alignment of Triptycenes in Liquid Crystals and Stretched Polymers. <i>Advanced Materials</i> , 2001 , 13, 601-604	24	114
463	Cobalt Porphyrin Functionalized Carbon Nanotubes for Oxygen Reduction. <i>Chemistry of Materials</i> , 2009 , 21, 3234-3241	9.6	113
462	Two-Dimensional Conjugated Polymer Assemblies: Interchain Spacing for Control of Photophysics. <i>Journal of the American Chemical Society</i> , 2000 , 122, 5885-5886	16.4	113
461	Single-Walled Carbon Nanotube/Metalloporphyrin Chemiresistive Gas Sensor Arrays for Volatile Organic Compounds. <i>Chemistry of Materials</i> , 2015 , 27, 3560-3563	9.6	111
460	Equilibrium Flexibility of a Rigid Linear Conjugated Polymer. <i>Macromolecules</i> , 1996 , 29, 7323-7328	5.5	111
459	Highly emissive conjugated polymer excimers. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13726-13731	16.4	110
458	Strained rings as a source of unsaturation: polybenzvalene, a new soluble polyacetylene precursor. <i>Journal of the American Chemical Society</i> , 1988 , 110, 2973-2974	16.4	109

457	Trace Hydrazine Detection with Fluorescent Conjugated Polymers: A Turn-On Sensory Mechanism. <i>Advanced Materials</i> , 2006 , 18, 1047-1050	24	107
456	Conjugated polymer liquid crystal solutions: control of conformation and alignment. <i>Journal of the American Chemical Society</i> , 2002 , 124, 9670-1	16.4	103
455	Polythiophene Hybrids of Transition-Metal Bis(salicylideneimine)s: Correlation between Structure and Electronic Properties. <i>Journal of the American Chemical Society</i> , 1999 , 121, 8825-8834	16.4	103
454	Cu ₃ (hexaiminotriphenylene) ₂ : An Electrically Conductive 2D Metal-Organic Framework for Chemiresistive Sensing. <i>Angewandte Chemie</i> , 2015 , 127, 4423-4426	3.6	102
453	Fabrication of Free-standing, Conductive, and Transparent Carbon Nanotube Films. <i>Advanced Materials</i> , 2008 , 20, 4433-4437	24	102
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451	Tunable columnar mesophases utilizing C ₂ symmetric aromatic donor-acceptor complexes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 7995-8002	16.4	101
450	Spatially and temporally resolved emission from aggregates in conjugated polymers. <i>Physical Review B</i> , 1996 , 54, R3683-R3686	3.3	101
449	Poly(pyridinium phenylene)s: water-soluble N-type polymers. <i>Journal of the American Chemical Society</i> , 2009 , 131, 17724-5	16.4	100
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445	A proton-doped calix[4]arene-based conducting polymer. <i>Journal of the American Chemical Society</i> , 2003 , 125, 1142-3	16.4	97
444	Light-emitting devices based on pyridine-containing conjugated polymers. <i>Synthetic Metals</i> , 1997 , 85, 1179-1182	3.6	96
443	Tuning the intermolecular dative interactions in vanadium-oxo linear chain compounds: formation of a new type of liquid crystalline polymer. <i>Journal of the American Chemical Society</i> , 1992 , 114, 1887-1889	16.4	96
442	Sensory Arrays of Covalently Functionalized Single-Walled Carbon Nanotubes for Explosive Detection. <i>Advanced Functional Materials</i> , 2013 , 23, 5285-5291	15.6	95
441	Epoxy functionalized multi-walled carbon nanotubes for improved adhesives. <i>Carbon</i> , 2013 , 59, 109-120	10.4	94
440	Diverse chemiresistors based upon covalently modified multiwalled carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11181-93	16.4	94

- 439 Exciton Coupling and Dipolar Correlations in a Columnar Liquid Crystal: Photophysics of a Bent-Rod Hexacatenar Mesogen. *Journal of the American Chemical Society*, **2000**, 122, 2474-2479 16.4 94
- 438 Reconfigurable and responsive droplet-based compound micro-lenses. *Nature Communications*, **2017**, 8, 14673 17.4 91
- 437 Recent progress and perspectives of gas sensors based on vertically oriented ZnO nanomaterials. *Advances in Colloid and Interface Science*, **2019**, 270, 1-27 14.3 89
- 436 Controlling Intermolecular Interactions between Metallomesogens: Side-Chain Effects in Discotic Copper, Palladium, and Vanadyl Bis(.beta.-Diketonates). *Chemistry of Materials*, **1995**, 7, 2067-2077 9.6 89
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- 433 Conducting redox polymers: investigations of polythiophene-Ru(bpy)₃ⁿ⁺ hybrid materials. *Journal of Materials Chemistry*, **1999**, 9, 2123-2131 86
- 432 Poly(arylene ethynylene)s in Chemosensing and Biosensing. *Advances in Polymer Science*, **2005**, 151-179 1.3 85
- 431 Pyrylium Salts via Electrophilic Cyclization: Applications for Novel 3-Arylisoquinoline Syntheses. *Journal of Organic Chemistry*, **1999**, 64, 6499-6504 4.2 85
- 430 Host-Guest Mesomorphism: Cooperative Stabilization of a Bowlic Columnar Phase. *Journal of the American Chemical Society*, **1995**, 117, 5011-5012 16.4 83
- 429 Fluorescence sensing of amine vapors using a cationic conjugated polymer combined with various anions. *Angewandte Chemie - International Edition*, **2014**, 53, 9792-6 16.4 82
- 428 Functionalizable polycyclic aromatics through oxidative cyclization of pendant thiophenes. *Journal of the American Chemical Society*, **2002**, 124, 7762-9 16.4 82
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- 424 Synthesis of regioregular poly(methyl pyridinium vinylene): An isoelectronic analogue to poly(phenylene vinylene). *Advanced Materials*, **1995**, 7, 145-147 24 80
- 423 Electroluminescent properties of self-assembled polymer thin films. *Advanced Materials*, **1995**, 7, 395-398 80
- 422 Columnar mesophases from half-discoid platinum cyclometalated metallomesogens. *Journal of Materials Chemistry*, **2008**, 18, 400-407 79

4 ²¹	Poly (p-pyridine) - and poly (p-pyridyl vinylene) -based polymers: their photophysics and application to SCALE devices. <i>Synthetic Metals</i> , 1996 , 78, 253-261	3.6	79
4 ²⁰	DNA-CNT nanowire networks for DNA detection. <i>Journal of the American Chemical Society</i> , 2011 , 133, 3238-41	16.4	78
4 ¹⁹	Charge-specific interactions in segmented conducting polymers: an approach to selective ionoresistive responses. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 3700-3	16.4	78
4 ¹⁸	Nanoscale Fibrils and Grids: Aggregated Structures from Rigid-Rod Conjugated Polymers. <i>Macromolecules</i> , 1999 , 32, 1500-1507	5.5	78
4 ¹⁷	Claisen rearrangement of graphite oxide: a route to covalently functionalized graphenes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8848-52	16.4	77
4 ¹⁶	Molecular recognition for high selectivity in carbon nanotube/polythiophene chemiresistors. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8394-6	16.4	76
4 ¹⁵	High ionization potential conjugated polymers. <i>Journal of the American Chemical Society</i> , 2005 , 127, 12126-30	16.4	76
4 ¹⁴	Exciton dynamics in poly(p-pyridyl vinylene). <i>Physical Review Letters</i> , 1996 , 76, 1513-1516	7.4	76
4 ¹³	Fluorescent multiblock conjugated polymer nanoparticles for in vivo tumor targeting. <i>Advanced Materials</i> , 2013 , 25, 4504-10	24	75
4 ¹²	Water-soluble narrow-line radicals for dynamic nuclear polarization. <i>Journal of the American Chemical Society</i> , 2012 , 134, 14287-90	16.4	75
4 ¹¹	Structure-Property relationships for exciton transfer in conjugated polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011 , 49, 476-498	2.6	74
4 ¹⁰	Three-Strand Conducting Ladder Polymers: Two-Step Electropolymerization of Metallorotaxanes. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 608-612	16.4	74
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4 ⁰⁷	An air-stable low-bandgap n-type organic polymer semiconductor exhibiting selective solubility in perfluorinated solvents. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9042-6	16.4	72
4 ⁰⁶	Polarized photoluminescence from poly(p-phenylene-ethynylene) via a block copolymer nanotemplate. <i>Journal of the American Chemical Society</i> , 2003 , 125, 9942-3	16.4	72
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402	Defining space around conducting polymers: reversible protonic doping of a canopied polypyrrole. <i>Journal of the American Chemical Society</i> , 2003 , 125, 6870-1	16.4	70
401	Nematic Liquid Crystals with Bent-Rod Shapes: Mesomorphic Thiophenes with Lateral Dipole Moments. <i>Chemistry of Materials</i> , 1999 , 11, 867-871	9.6	70
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399	Complementary Shapes in Columnar Liquid Crystals: Structural Control in Homo- and Heteronuclear Bimetallic Assemblies. <i>Chemistry of Materials</i> , 1994 , 6, 2252-2268	9.6	69
398	Poly(3-hexylthiophene)-block-poly(pyridinium phenylene)s: Block Polymers of p- and n-Type Semiconductors. <i>Macromolecules</i> , 2011 , 44, 2678-2684	5.5	68
397	Towards chemosensing phosphorescent conjugated polymers: cyclometalated platinum(II) poly(phenylene)s. <i>Journal of Materials Chemistry</i> , 2005 , 15, 2829		68
396	Chemoresistive Gas-Phase Nitric Oxide Sensing with Cobalt-Containing Conducting Metallopolymers. <i>Chemistry of Materials</i> , 2006 , 18, 5649-5651	9.6	68
395	Highly Efficient Blue Electroluminescence from Poly(phenylene ethynylene) via Energy Transfer from a Hole-Transport Matrix. <i>Advanced Materials</i> , 2005 , 17, 1981-1985	24	68
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