

Guy Koeckelberghs

List of Publications by Year in descending order

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165
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166
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times ranked

4391
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#	ARTICLE	IF	CITATIONS
1	Influence of the degree of polymerization and surface curvature on the supramolecular organization of fixated polythiophenes. <i>Polymer</i> , 2022, , 124846.	1.8	0
2	The significant role of enantiomeric excess of the monomer in binaphthalene-based polymer membranes. <i>Journal of Membrane Science</i> , 2022, 656, 120570.	4.1	3
3	Solvent Role in the Self-Assembly of Poly(3-alkylthiophene): A Harmonic Light Scattering Study. <i>Macromolecules</i> , 2021, 54, 2477-2484.	2.2	9
4	Effect of poly(thiophene)s topology on their third-order nonlinear optical response. <i>Polymer</i> , 2021, 222, 123630.	1.8	1
5	Epoxy-based solvent-tolerant nanofiltration membranes prepared via non-solvent induced phase inversion as novel class of stable membranes. <i>Journal of Membrane Science</i> , 2021, 626, 119206.	4.1	19
6	Catechol as a Universal Linker for the Synthesis of Hybrid Polyfluorene/Nanoparticle Materials. <i>Macromolecules</i> , 2021, 54, 4582-4591.	2.2	3
7	Chlorine-Resistant Epoxide-Based Membranes for Sustainable Water Desalination. <i>Environmental Science and Technology Letters</i> , 2021, 8, 818-824.	3.9	12
8	Ultra-thin and highly porous PVDF-filters prepared via phase inversion for potential medical (COVID-19) and industrial use. <i>Journal of Membrane Science</i> , 2021, 639, 119710.	4.1	10
9	The Importance of Excellent π - π Interactions in Poly(thiophene)s To Reach a High Third-Order Nonlinear Optical Response. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9668-9679.	1.2	6
10	Unraveling the Supramolecular Organization Mechanism of Chiral Star-Shaped Poly(3-alkylthiophene). <i>Macromolecules</i> , 2020, 53, 9513-9520.	2.2	5
11	Influence of Heterogeneity on the Chiral Expression of Star-Shaped Conjugated Polymers. <i>Macromolecules</i> , 2020, 53, 9254-9263.	2.2	2
12	Development of a Layered Hybrid Nanocomposite Material Using π - π -Bifunctionalized Polythiophenes. <i>Macromolecules</i> , 2020, 53, 11098-11105.	2.2	9
13	A scalable crosslinking method for PVDF-based nanofiltration membranes for use under extreme pH conditions. <i>Journal of Membrane Science</i> , 2020, 611, 118274.	4.1	27
14	Synthesis of Poly(phenylene ethynylene) Using an Easily Recyclable Pd-Functionalized Magnetite Nanoparticle Catalyst. <i>Macromolecules</i> , 2020, 53, 1998-2005.	2.2	3
15	Chiral expression of co-crystallizing poly(thiophene)- <i>block</i> -poly(selenophene) copolymers. <i>Polymer Chemistry</i> , 2020, 11, 2715-2723.	1.9	6
16	Probing the Strong Near-IR Two-Photon Transition in Supramolecular Triphenylamine-based Polymers by Nonlinear Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6147-6153.	1.2	1
17	The significant role of support layer solvent annealing in interfacial polymerization: The case of epoxide-based membranes. <i>Journal of Membrane Science</i> , 2020, 612, 118438.	4.1	11
18	Binaphthalene-based polymer membranes with enhanced performance for solvent-resistant nanofiltration. <i>Journal of Membrane Science</i> , 2020, 606, 118066.	4.1	25

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19	Plasmonic heating using an easily recyclable Pd-functionalized Fe ₃ O ₄ /Au core-shell nanoparticle catalyst for the Suzuki and Sonogashira reaction. Applied Organometallic Chemistry, 2020, 34, e5648.	1.7	7
20	Rational Design of Poly(fluorene)- <i>b</i> -poly(thiophene) Block Copolymers to Obtain a Unique Aggregation Behavior. Macromolecules, 2019, 52, 6578-6584.	2.2	12
21	Ligand-free, recyclable palladium-functionalized magnetite nanoparticles as a catalyst in the Suzuki, Sonogashira, and Stille reaction. Journal of Organometallic Chemistry, 2019, 904, 121005.	0.8	13
22	Magnetically induced Suzuki and Sonogashira reaction performed using recyclable, palladium-functionalized magnetite nanoparticles. Journal of Organometallic Chemistry, 2019, 899, 120905.	0.8	14
23	Investigation of the dithieno[3,2- <i>b</i> :2,3- <i>d</i>]pyrrole polymerization using cross-coupling and cationic mechanisms. Polymer Chemistry, 2019, 10, 1010-1017.	1.9	5
24	Crosslinked Polyvinylnorbornene-Based Membranes as a New Class of Solvent-Resistant Nanofiltration Membranes. Journal of Polymer Science Part A, 2019, 57, 1593-1600.	2.5	4
25	Polyvinylnorbornene Gas Separation Membranes. Polymers, 2019, 11, 704.	2.0	14
26	Faraday Rotation in Discotic Liquid Crystals by Long-Range Electron Movement. Journal of Physical Chemistry C, 2019, 123, 9382-9387.	1.5	10
27	Molecular Power Spring: Circular Dichroism Inversion of Polythiophene Aggregates from the Right-Handed Helix to Left-Handed Helix. Journal of Physical Chemistry B, 2019, 123, 2925-2929.	1.2	8
28	Novel synthesis of superparamagnetic plasmonic core-shell iron oxide-gold nanoparticles. Physica B: Condensed Matter, 2019, 560, 85-90.	1.3	24
29	Chiral expression in conjugated helical block copolymers. Polymer Chemistry, 2019, 10, 1619-1625.	1.9	0
30	Transferring bulk chemistry to interfacial synthesis of TFC-membranes to create chemically robust poly(epoxyether) films. Journal of Membrane Science, 2019, 582, 442-453.	4.1	24
31	Fine-tuning the molecular structure of binaphthalene polyimides for gas separations. European Polymer Journal, 2019, 114, 134-143.	2.6	14
32	Harmonic light scattering study reveals structured clusters upon the supramolecular aggregation of regioregular poly(3-alkylthiophene). Communications Chemistry, 2019, 2, .	2.0	17
33	Effect of the Nature and the Position of Defects on the Chiral Expression in Poly(3-alkylthiophene)s. Macromolecules, 2019, 52, 8587-8595.	2.2	7
34	Insights in the Ni-thiophene association in the synthesis of thiophene-para-phenylene block copolymers via Kumada catalyst transfer condensative polymerization. European Polymer Journal, 2019, 121, 109311.	2.6	2
35	Effect of benzoic acid content on aging of 6FDA copolyimides based thin film composite (TFC) membranes in CO ₂ /CH ₄ environment. Separation and Purification Technology, 2019, 210, 616-626.	3.9	11
36	The Influence of Substituents in the 3-Position on the Polymerization of Metaphenylenes. Macromolecular Chemistry and Physics, 2018, 219, 1700630.	1.1	1

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37	Influence of the molecular structure of polybinaphthalene on the membrane separation performance. <i>European Polymer Journal</i> , 2018, 101, 248-254.	2.6	9
38	Synthesis and supramolecular organization of chiral poly(thiophene)â€“magnetite hybrid nanoparticles. <i>Polymer Chemistry</i> , 2018, 9, 3029-3036.	1.9	11
39	Controlled Synthesis of a Helical Conjugated Polythiophene. <i>Macromolecules</i> , 2018, 51, 3504-3514.	2.2	17
40	Increasing Membrane Permeability by Increasing the Polymer Crystallinity: The Unique Case of Polythiophenes. <i>Macromolecules</i> , 2018, 51, 9943-9950.	2.2	8
41	Controlled Synthesis and Supramolecular Organization of Conjugated Star-Shaped Polymers. <i>Macromolecules</i> , 2018, 51, 8689-8697.	2.2	15
42	Controlled Polymerization of a Cyclopentadithiopheneâ€“Phenylene Alternating Copolymer. <i>Macromolecules</i> , 2018, 51, 9043-9051.	2.2	6
43	Crosslinked PVDF-membranes for solvent resistant nanofiltration. <i>Journal of Membrane Science</i> , 2018, 566, 223-230.	4.1	71
44	Influence of Branching of Polythiophenes on the Microporosity. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800024.	1.1	6
45	Influence of the Sequence in Conjugated Triblock Copolymers on Their Aggregation Behavior. <i>Macromolecules</i> , 2018, 51, 6421-6429.	2.2	16
46	Expression of Chirality in Tailor-Made Conjugated Polymers. <i>Macromolecules</i> , 2018, 51, 6602-6608.	2.2	7
47	Model of a polymer chain twisted inside a statistical segment. Poly(3â€“hexylthiophene) in chloroform solutions. <i>Polymer International</i> , 2017, 66, 869-875.	1.6	1
48	Evaporation rate-based selection of supramolecular chirality. <i>Chemical Communications</i> , 2017, 53, 3066-3069.	2.2	19
49	Synthesis and energy transfer in original poly(3-alkylthiophene)-g-poly(fluorene) toothbrush copolymers. <i>Polymer</i> , 2017, 112, 144-151.	1.8	2
50	Conformational Changes of a Surface-Tethered Polymer during Radical Growth Probed with Second-Harmonic Generation. <i>Langmuir</i> , 2017, 33, 4157-4163.	1.6	1
51	Synthesis of conjugated copolymers by combining different coupling reactions. <i>Polymer Chemistry</i> , 2017, 8, 3999-4004.	1.9	11
52	The influence of branching on the Kumada catalyst transfer condensative polymerization of 3-alkylthiophenes. <i>Polymer Chemistry</i> , 2017, 8, 2327-2333.	1.9	9
53	The influence of the end-group on the chiral self-assembly of all-conjugated block copolymers. <i>Polymer Chemistry</i> , 2017, 8, 5666-5672.	1.9	19
54	Direct observation of the influence of chirality on the microstructure of regioregular poly(3-alkylthiophene)s at the liquid/solid interface. <i>Chemical Communications</i> , 2017, 53, 153-156.	2.2	6

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55	Advances in the controlled polymerization of conjugated polymers. <i>Polymer</i> , 2017, 108, 521-546.	1.8	71
56	Two-Photon Circular-Linear Dichroism on a Binaphthalenebased Polymer. , 2017, , .		0
57	Hydrodynamic properties and conformation of poly(3-hexylthiophene) in dilute solutions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 875-883.	2.4	5
58	Energy transfer in poly(3-hexylthiophene)-g-Polyfluorene graft copolymers. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1252-1258.	2.5	12
59	Spectroscopic studies of the mechanism of reversible photodegradation of 1-substituted aminoanthraquinone-doped polymers. <i>Journal of Chemical Physics</i> , 2016, 144, 114902.	1.2	15
60	Influence of the halogen and organometallic function in a KCTP (Co)polymerization. <i>Journal of Polymer Science Part A</i> , 2016, 54, 3701-3706.	2.5	6
61	Strategies toward Controlling the Topology of Nonlinear Poly(thiophenes). <i>Macromolecules</i> , 2016, 49, 8951-8959.	2.2	7
62	Detrimental N(0) transfer in Kumada catalyst transfer polycondensation of benzo[2,1-b:3,4-b']dithiophene. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1706-1712.	2.5	7
63	Influence of the Grafting Density on the Self-Assembly in Poly(phenyleneethynylene)-g-poly(3-hexylthiophene) Graft Copolymers. <i>Macromolecules</i> , 2015, 48, 8789-8796.	2.2	14
64	Influence of Structure of End-Group-Functionalized Poly(3-hexylthiophene) and Poly(3-octylselenophene) Anchored on Au Nanoparticles. <i>Macromolecules</i> , 2015, 48, 8752-8759.	2.2	13
65	Direct visualization of microphase separation in block copoly(3-alkylthiophene)s. <i>RSC Advances</i> , 2015, 5, 8721-8726.	1.7	18
66	Regioregularity Increases Second-Order Nonlinear Optical Response of Polythiophenes in Solution. <i>Journal of Physical Chemistry C</i> , 2015, 119, 18513-18517.	1.5	9
67	Expression of Chirality in a Conjugated Polymer without Any Excess of Chiral Centers. <i>Macromolecules</i> , 2015, 48, 8121-8127.	2.2	14
68	The Synthesis of Poly(thiophene-co-fluorene) Gradient Copolymers. <i>Macromolecules</i> , 2015, 48, 6987-6993.	2.2	34
69	Novel composite cation exchange films based on sulfonated PVDF for electromembrane separations. <i>Journal of Membrane Science</i> , 2015, 474, 167-174.	4.1	55
70	Synthesis and Transfer of Chirality in Supramolecular Hydrogen Bonded Conjugated Diblock Copolymers. <i>Macromolecules</i> , 2015, 48, 90-98.	2.2	17
71	Efficient synthesis of interfacially polymerized membranes for solvent resistant nanofiltration. <i>Journal of Membrane Science</i> , 2015, 476, 356-363.	4.1	100
72	Influence of branching on the chiral self-assembly of poly(phenylene ethynylene). <i>Journal of Polymer Science Part A</i> , 2015, 53, 79-84.	2.5	9

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73	Heterobifunctional PEG Ligands for Bioconjugation Reactions on Iron Oxide Nanoparticles. PLoS ONE, 2014, 9, e109475.	1.1	30
74	Steering Poly(thiophene) Properties by Incorporation of Phenyl Groups. Macromolecules, 2014, 47, 8618-8624.	2.2	10
75	Evidence for Catalyst Association in the Catalyst Transfer Polymerization of Thieno[3,2- <i>b</i>]thiophene. Macromolecules, 2014, 47, 8548-8555.	2.2	30
76	Molecular magneto-optics. Proceedings of SPIE, 2014, , .	0.8	2
77	Feature issue introduction: chirality in optics. Optical Materials Express, 2014, 4, 2663.	1.6	6
78	Study on the formation of a supramolecular conjugated graft copolymer in solution. Journal of Polymer Science Part A, 2014, 52, 804-809.	2.5	13
79	Large optical second harmonic generation in a low-bandgap polymer. , 2014, , .		0
80	Study of phase inversion parameters for PEEK-based nanofiltration membranes. Journal of Membrane Science, 2014, 452, 241-252.	4.1	71
81	Influence of the bulkiness of the substituent on the aggregation and magnetic properties of poly(3-alkylthiophene)s. Journal of Polymer Science Part A, 2014, 52, 76-86.	2.5	11
82	Poly(3-alkylthiophene)s show unexpected second-order nonlinear optical response. Chemical Communications, 2014, 50, 2741-2743.	2.2	28
83	One-Pot Synthesis and Characterization of All-Conjugated Poly(3-alkylthiophene)- <i>block</i> -poly(dialkylthieno[3,4- <i>b</i>]pyrazine). Macromolecules, 2014, 47, 6671-6678.	2.2	24
84	All-Conjugated ABC- <i>block</i> -copolymer Formation with a Varying Sequence via an Unassociated Catalyst. Macromolecules, 2014, 47, 4668-4675.	2.2	39
85	Optical second harmonic generation in a low-bandgap polymer. Materials Chemistry and Physics, 2014, 147, 356-359.	2.0	1
86	Record-high hyperpolarizabilities in conjugated polymers. Journal of Materials Chemistry C, 2014, 2, 4533-4538.	2.7	18
87	SRNF membranes for edible oil purification: Introducing free amines in crosslinked PEEK to increase membrane hydrophilicity. Polymer, 2014, 55, 1307-1316.	1.8	25
88	Crosslinking of modified poly(ether ether ketone) membranes for use in solvent resistant nanofiltration. Journal of Membrane Science, 2013, 447, 212-221.	4.1	78
89	Influence of the regioregularity on the chiral supramolecular organization of poly(3-alkylsulfanylthiophene)s. RSC Advances, 2013, 3, 3342.	1.7	17
90	Giant Faraday Rotation in Mesogenic Organic Molecules. Chemistry of Materials, 2013, 25, 1139-1143.	3.2	44

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91	Synthesis of modified poly(ether ether ketone) polymer for the preparation of ultrafiltration and nanofiltration membranes via phase inversion. <i>Journal of Membrane Science</i> , 2013, 447, 96-106.	4.1	66
92	Synthesis of End-Group Functionalized P3HT: General Protocol for P3HT/Nanoparticle Hybrids. <i>Macromolecules</i> , 2013, 46, 8500-8508.	2.2	43
93	The Controlled Polymerization of Poly(cyclopentadithiophene)s and Their All-Conjugated Block Copolymers. <i>Macromolecules</i> , 2013, 46, 8888-8895.	2.2	42
94	Amphiphilic chiral block-poly(thiophene)s: tuning the blocks. <i>Polymer Chemistry</i> , 2013, 4, 5310.	1.9	20
95	Crosslinking polyimides for membrane applications: A review. <i>Progress in Polymer Science</i> , 2013, 38, 874-896.	11.8	457
96	Poly(3-alkylthiophene) with tuneable regioregularity: synthesis and self-assembling properties. <i>Polymer Chemistry</i> , 2013, 4, 2662.	1.9	48
97	Polythiophene Diblock Copolymer with Different Solvent Affinities of the Side-Chain Substituents: Solvatochromism and Effect on the Electronic Conjugation. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 934-942.	1.1	14
98	Conformational Behavior of Conjugated Polymers With Oligo(phenylene vinylene) Side Chains. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 538-546.	1.1	5
99	Study of the controlled chain-growth polymerization of poly(3,6-phenanthrene). <i>Journal of Polymer Science Part A</i> , 2013, 51, 5067-5074.	2.5	28
100	Nonlinear optical properties of conjugated polymers. , 2012, , .		0
101	All Optical Determination of Microscopic and Macroscopic Structure of Chiral, Polar Microcrystals from Achiral, Nonpolar Molecules. <i>Journal of Physical Chemistry C</i> , 2012, 116, 12219-12225.	1.5	18
102	Chirality in conjugated polymers: when two components meet. <i>Polymer Chemistry</i> , 2012, 3, 3203.	1.9	54
103	Effect of Solvent-Induced Coil to Helix Conformational Change on the Two-Photon Absorption Spectrum of Poly(3,6-phenanthrene). <i>Journal of Physical Chemistry B</i> , 2012, 116, 14708-14714.	1.2	15
104	The Use of Cyclopenta[2,1 <i>b</i> ;3,4 <i>b</i>]-dithiophene Analogues for the Development of Low-Bandgap Materials. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1216-1224.	1.1	15
105	Influence of Conformational Change Induced by Solvent on the Two-photon Absorption spectrum of Poly(3,6 phenanthrene)s. , 2012, , .		0
106	Influence of the Presence and Length of an Alkyl Spacer on the Supramolecular Chirality of Block Copoly(thiophene)s. <i>Macromolecules</i> , 2011, 44, 728-735.	2.2	25
107	Magneto-optic Properties of Regioregular Polyalkylthiophenes. <i>Chemistry of Materials</i> , 2011, 23, 516-521.	3.2	50
108	Interchromophoric Interactions in Chiral X-type π -Conjugated Oligomers: A Linear and Nonlinear Optical Study. <i>Journal of the American Chemical Society</i> , 2011, 133, 1317-1327.	6.6	82

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109	AB Block Copoly(3-alkylthiophenes): Synthesis and Chiroptical Behavior. <i>Macromolecules</i> , 2011, 44, 9489-9498.	2.2	104
110	Influence of the Supramolecular Organization on the Magnetic Properties of Poly(3-alkylthiophene)s in Their Neutral State. <i>Macromolecules</i> , 2011, 44, 4911-4919.	2.2	16
111	End Group-Functionalization and Synthesis of Block-Copolythiophenes by Modified Nickel Initiators. <i>Macromolecules</i> , 2011, 44, 6017-6025.	2.2	69
112	Unexpected second-order nonlinear optical effects in conjugated polymers. <i>Proceedings of SPIE</i> , 2011, , .	0.8	0
113	Ferromagnetism in pristine polythiophene at low temperature. , 2011, , .		0
114	Development of a universal chain-growth polymerization protocol of conjugated polymers: Toward a variety of all-conjugated block-copolymers. <i>Journal of Polymer Science Part A</i> , 2011, 49, 5339-5349.	2.5	58
115	Ni-Catalyzed Polymerization of Poly(3-alkoxythiophene)s. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 328-335.	1.1	15
116	Nonreciprocal silicon-organic nanophotonic structures. , 2011, , .		1
117	Conjugated polymers: a hyper-Rayleigh scattering study. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
118	A simplified diamine crosslinking method for PI nanofiltration membranes. <i>Journal of Membrane Science</i> , 2010, 353, 135-143.	4.1	162
119	Chirally Organized Oligothiophenes: Towards Modeling Interchain Interactions Within Conjugated Systems. <i>Chemistry - A European Journal</i> , 2010, 16, 10963-10967.	1.7	1
120	Distribution of Segmental Mobility in Ultrathin Polymer Films. <i>Macromolecules</i> , 2010, 43, 8686-8691.	2.2	80
121	Steering the Conformation and Chiroptical Properties of Poly(dithienopyrrole)s Substituted with Chiral OPV Side Chains.. <i>Macromolecules</i> , 2010, 43, 2157-2168.	2.2	28
122	Magnetic Properties of Substituted Poly(thiophene)s in Their Neutral State. <i>Macromolecules</i> , 2010, 43, 2910-2915.	2.2	13
123	Expression of Supramolecular Chirality in Block Copoly(thiophene)s. <i>Macromolecules</i> , 2010, 43, 3794-3800.	2.2	75
124	Synthesis, Chiroptical Behavior, and Sensing of Carboxylic Acid Functionalized Poly(phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	2.2	14
125	Incorporation of a conjugated side-chain in regioregular polythiophenes: Chiroptical properties and selective oxidation. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1891-1900.	2.5	12
126	Investigation of the conformation of hyperbranched poly(arylene oxindole)s using hyper-Rayleigh scattering. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3740-3747.	2.5	3

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127	Incorporation of Different End Groups in Conjugated Polymers Using Functional Nickel Initiators. <i>Macromolecules</i> , 2009, 42, 7638-7641.	2.2	122
128	Conformational Steering in Substituted Poly(3,6-phenanthrene)s: A Linear and Nonlinear Optical Study. <i>Macromolecules</i> , 2009, 42, 4282-4287.	2.2	27
129	Magnetic and magneto optic properties of substituted polythiophenes. <i>Proceedings of SPIE</i> , 2009, , .	0.8	2
130	Functionalized poly(phenylene- <i>alt</i> -bithiophenes): Synthesis, chiroptical properties, and interaction with chiral amines. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4817-4829.	2.5	8
131	Transfer of Supramolecular Chirality in Block Copoly(thiophene)s. <i>Chemistry - A European Journal</i> , 2008, 14, 9122-9125.	1.7	48
132	Synthesis and nonlinear optical properties of linear and $\hat{\Gamma}$ -shaped pyranone-based chromophores. <i>Tetrahedron</i> , 2008, 64, 3772-3781.	1.0	24
133	Conformational Transitions in Chiral, Gallic Acid-Functionalized Poly(dithienopyrrole): A Comparative UV-vis and CD Study. <i>Macromolecules</i> , 2008, 41, 5582-5589.	2.2	40
134	A Chiroptical Study of Chiral $\hat{\Gamma}$ - and X- Type Oligothiophenes Toward Modelling the Interchain Interactions of Chiral Conjugated Polymers. <i>Chemistry of Materials</i> , 2008, 20, 2133-2143.	3.2	27
135	Influence of the Polymerization Methodology on the Regioregularity and Chiroptical Properties of Poly(alkylthiothiophene)s. <i>Macromolecules</i> , 2008, 41, 5123-5131.	2.2	46
136	Influence of the Substituent on the Chiroptical Properties of Poly(thieno[3,2- <i>b</i>]thiophene)s. <i>Macromolecules</i> , 2008, 41, 568-578.	2.2	30
137	Influence of the Substitution Pattern on the Chiroptical Properties of Regioregular Poly(3-alkoxythiophene)s. <i>Macromolecules</i> , 2008, 41, 1041-1044.	2.2	38
138	Chiroptical Properties of Cyclopentadithiophene-Based Conjugated Polymers. <i>Macromolecules</i> , 2008, 41, 591-598.	2.2	32
139	$\hat{\Gamma}$ -Type Regioregular Oligothiophenes: Synthesis and Second-Order NLO Properties. <i>Journal of Organic Chemistry</i> , 2007, 72, 5855-5858.	1.7	39
140	Chirality in Poly(phenylene- <i>alt</i> -bithiophene)s: A Comprehensive Study of Their Behavior in Film and Nonsolvents. <i>Macromolecules</i> , 2007, 40, 8142-8150.	2.2	11
141	Influence of the Substituent and Polymerization Methodology on the Properties of Chiral Poly(dithieno[3,2- <i>b</i> :2',3'- <i>d</i>]pyrrole)s. <i>Macromolecules</i> , 2007, 40, 4173-4181.	2.2	59
142	Influence of the Position of the Connecting Spacer of the Chromophore on the Nonlinear Optical Response. <i>Macromolecular Rapid Communications</i> , 2007, 28, 942-947.	2.0	28
143	The chiroptical properties of chiral substituted poly[3-((3 <i>S</i>)-3,7-dimethyloctyl)thiophene] as a function of film thickness. <i>Chemical Physics Letters</i> , 2007, 437, 193-197.	1.2	24
144	Second-harmonic generation-circular dichroism in thin films of a chiral poly(3-alkyl)thiophene. <i>Chemical Physics Letters</i> , 2007, 450, 76-79.	1.2	8

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145	A Spectroscopic Study on the Nonlinear Optical Susceptibilities of Organic Molecules. Acta Physica Polonica A, 2007, 112, 927-934.	0.2	4
146	Synthesis and properties of α,ω -phenyl-capped bithiophene derivatives. Journal of Materials Chemistry, 2006, 16, 4335-4342.	6.7	17
147	Efficient Faraday rotation in conjugated polymers. , 2006, 6331, 274.		12
148	Regioregular Poly[3-(4-alkoxyphenyl)thiophene]s: Evidence for a Two-Step Aggregation Process. Macromolecular Rapid Communications, 2006, 27, 1132-1136.	2.0	21
149	Regioregularity in Poly(3-alkoxythiophene)s: Effects on the Faraday Rotation and Polymerization Mechanism. Macromolecular Rapid Communications, 2006, 27, 1920-1925.	2.0	65
150	Improved synthesis of N-alkyl substituted dithieno[3,2-b:2 ϵ :3 ϵ -d]pyrroles. Tetrahedron, 2005, 61, 687-691.	1.0	61
151	Nonlinear optical properties of spincoated films of chiral polythiophenes. Chemical Physics Letters, 2005, 404, 112-115.	1.2	13
152	Polar Order in Spin-Coated Films of a Regioregular Chiral Poly[(S)-3-(3,7-dimethyloctyl)thiophene]. Advanced Materials, 2005, 17, 708-712.	11.1	19
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