Yves H Geerts

List of Publications by Year
in descending order

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156 papers	10,494 citations	44069 48 h-index	33894 99 g-index
159 all docs	159 docs citations	159 times ranked	10793 citing authors

#	Article	IF	Citations
1	Discovering Crystal Forms of the Novel Molecular Semiconductor OEG-BTBT. Crystal Growth and Design, 2022, 22, 1680-1690.	3.0	6
2	High-Performance Humidity Sensing in Ï€-Conjugated Molecular Assemblies through the Engineering of Electron/Proton Transport and Device Interfaces. Journal of the American Chemical Society, 2022, 144, 2546-2555.	13.7	17
3	From 2D to 3D: Bridging Self-Assembled Monolayers to a Substrate-Induced Polymorph in a Molecular Semiconductor. Chemistry of Materials, 2022, 34, 2238-2248.	6.7	11
4	Synthesis and Structural Properties of Adamantaneâ€Substituted Amines and Amides Containing an Additional Adamantane, Azaadamantane or Diamantane Moiety. ChemistryOpen, 2022, 11, e202200031.	1.9	1
5	Dinaphthotetrathienoacenes: Synthesis, Characterization, and Applications in Organic Fieldâ€Effect Transistors. Advanced Science, 2022, 9, e2105674.	11.2	6
6	Charge transfer complexes of a benzothienobenzothiophene derivative and their implementation as active layer in solution-processed thin film organic field-effect transistors. Journal of Materials Chemistry C, 2022, 10, 7319-7328.	5.5	11
7	Engineering of a kinetically driven phase of phenoxazine by surface crystallisation. CrystEngComm, 2022, 24, 4921-4931.	2.6	3
8	Directional crystallization of C8-BTBT-C8 thin films in a temperature gradient. Materials Chemistry Frontiers, 2021, 5, 249-258.	5.9	17
9	Thermal conductivity of benzothieno-benzothiophene derivatives at the nanoscale. Nanoscale, 2021, 13, 3800-3807.	5.6	12
10	1D-Confinement Inhibits the Anomaly in Secondary Relaxation of a Fluorinated Polymer. ACS Macro Letters, 2021, 10, 649-653.	4.8	3
11	Directional Crystallization from the Melt of an Organic p-Type and n-Type Semiconductor Blend. Crystal Growth and Design, 2021, 21, 5231-5239.	3.0	8
12	Exhaustive Oneâ€Step Bridgehead Methylation of Adamantane Derivatives with Tetramethylsilane. European Journal of Organic Chemistry, 2021, 2021, 5227-5237.	2.4	4
13	Memory Effect and Crystallization of (R, S)-2-Chloromandelic Acid Glass. Journal of Physical Chemistry B, 2021, 125, 13339-13347.	2.6	3
14	Phase Transition toward a Thermodynamically Less Stable Phase: Cross-Nucleation due to Thin Film Growth of a Benzothieno-benzothiophene Derivative. Journal of Physical Chemistry C, 2021, 125, 28039-28047.	3.1	6
15	Enhancing Longâ€Term Device Stability Using Thin Film Blends of Small Molecule Semiconductors and Insulating Polymers to Trap Surfaceâ€Induced Polymorphs. Advanced Functional Materials, 2020, 30, 2006115.	14.9	23
16	Thermal Properties, Molecular Structure, and Thin-Film Organic Semiconductor Crystallization. Journal of Physical Chemistry C, 2020, 124, 27213-27221.	3.1	11
17	Effect of the Organic Semiconductor Side Groups on the Structural and Electronic Properties of Their Interface with Dopants. ACS Applied Materials & Interfaces, 2020, 12, 57578-57586.	8.0	7
18	Understanding the Role of Bulky Side Chains on Polymorphism of BTBT-Based Organic Semiconductors. Crystal Growth and Design, 2020, 20, 1646-1654.	3.0	26

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19	Molecular Semiconductors for Logic Operations: Deadâ€End or Bright Future?. Advanced Materials, 2020, 32, e1905909.	21.0	135
20	Tuning Spin Current Injection at Ferromagnet-Nonmagnet Interfaces by Molecular Design. Physical Review Letters, 2020, 124, 027204.	7.8	19
21	Deracemization in a Complex Quaternary System with a Secondâ€Order Asymmetric Transformation by Using Phase Diagram Studies. Chemistry - A European Journal, 2019, 25, 13890-13898.	3.3	8
22	Single Atom Substitution Alters the Polymorphic Transition Mechanism in Organic Electronic Crystals. Chemistry of Materials, 2019, 31, 9115-9126.	6.7	27
23	Deracemization in a Complex Quaternary System with a Secondâ€Order Asymmetric Transformation by Using Phase Diagram Studies. Chemistry - A European Journal, 2019, 25, 13837-13837.	3.3	2
24	Chasing the â€œKillerâ€•Phonon Mode for the Rational Design of Lowâ€Disorder, Highâ€Mobility Molecular Semiconductors. Advanced Materials, 2019, 31, e1902407.	21.0	126
25	Alkyl chain assisted thin film growth of 2,7-dioctyloxy-benzothienobenzothiophene. Journal of Materials Chemistry C, 2019, 7, 8477-8484.	5.5	11
26	N-Doped TiO₂ Photocatalyst Coatings Synthesized by a Cold Atmospheric Plasma. Langmuir, 2019, 35, 7161-7168.	3.5	43
27	[1]Benzothieno[3,2-b]benzothiophene (BTBT) derivatives: Influence in the molecular orientation and charge delocalization dynamics. Materials Chemistry and Physics, 2019, 221, 295-300.	4.0	10
28	Oxacycleâ€Fused [1]Benzothieno[3,2â€b][1]benzothiophene Derivatives: Synthesis, Electronic Structure, Electrochemical Properties, Ionisation Potential, and Crystal Structure. ChemPlusChem, 2019, 84, 1263-1269.	2.8	6
29	Insight from electron density and energy framework analysis on the structural features of F_x-TCNQ (x = 0, 2, 4) family of molecules. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 71-78.	1.1	7
30	Substrateâ€Induced Phase of a Benzothiophene Derivative Detected by Midâ€Infrared and Lattice Phonon Raman Spectroscopy. ChemPhysChem, 2018, 19, 993-1000.	2.1	8
31	Accessing Phase-Pure and Stable Acetaminophen Polymorphs by Thermal Gradient Crystallization. Crystal Growth and Design, 2018, 18, 1272-1277.	3.0	8
32	Rotator side chains trigger cooperative transition for shape and function memory effect in organic semiconductors. Nature Communications, 2018, 9, 278.	12.8	90
33	Crystal Growth Alignment of Î²-Polymorph of Resorcinol in Thermal Gradient. Crystal Growth and Design, 2018, 18, 2681-2689.	3.0	7
34	Stabilization of the Metastable Form I of Piracetam by Crystallization on Silicon Oxide Surfaces. Crystal Growth and Design, 2018, 18, 4123-4129.	3.0	4
35	Hybrid Mechanism of Nucleation and Cooperative Propagation in a Single-Crystal-to-Single-Crystal Transition of a Molecular Crystal. Crystal Growth and Design, 2018, 18, 4245-4251.	3.0	22
36	Terthiophene Functionalized Conjugated Triarm Polymers Containing Poly(fluorene-2,7-vinylene) Arms Having Different Coresâ€”Synthesis and Their Unique Optical Properties. ACS Omega, 2018, 3, 5052-5063.	3.5	5

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37	Atmospheric pressure dielectric barrier discharge synthesis of morphology-controllable TiO2 films with enhanced photocatalytic activity. Thin Solid Films, 2018, 664, 90-99.	1.8	16
38	Polymorphism of terthiophene with surface confinement. IUCrJ, 2018, 5, 304-308.	2.2	11
39	Band Transport and Trapping in Didodecyl[1]benzothieno[3,2-b][1]benzothiophene Probed by Terahertz Spectroscopy. Journal of Physical Chemistry Letters, 2017, 8, 5444-5449.	4.6	11
40	Unique Crystal Orientation of Poly(ethylene oxide) Thin Films by Crystallization Using a Thermal Gradient. Macromolecules, 2017, 50, 5877-5891.	4.8	22
41	DFT-Assisted Polymorph Identification from Lattice Raman Fingerprinting. Journal of Physical Chemistry Letters, 2017, 8, 3690-3695.	4.6	42
42	Ï€â€Conjugated Organosilica Semiconductors: Toward Robust Organic Electronics. Advanced Electronic Materials, 2017, 3, 1700218.	5.1	2
43	Liquidâ€Gated Organic Electronic Devices Based on Highâ€Performance Solutionâ€Processed Molecular Semiconductor. Advanced Electronic Materials, 2017, 3, 1700159.	5.1	28
44	Structural Evolution of an Organic Semiconducting Molecule onto a Soft Substrate. ChemPhysChem, 2016, 17, 1174-1179.	2.1	4
45	Organic Single Crystals: An Essential Step to New Physics and Higher Performances of Optoelectronic Devices. Advanced Functional Materials, 2016, 26, 2229-2232.	14.9	24
46	Unraveling Unprecedented Charge Carrier Mobility through Structure Property Relationship of Four Isomers of Didodecyl[1]benzothieno[3,2â€b][1]benzothiophene. Advanced Materials, 2016, 28, 7106-7114.	21.0	138
47	Substrateâ€Induced and Thinâ€Film Phases: Polymorphism of Organic Materials on Surfaces. Advanced Functional Materials, 2016, 26, 2233-2255.	14.9	221
48	Self-assembled Ï€-conjugated organic nanoplates: from hexagonal to triangular motifs. RSC Advances, 2016, 6, 44921-44931.	3.6	3
49	Design, synthesis, chemical stability, packing, cyclic voltammetry, ionisation potential, and charge transport of [1]benzothieno[3,2-b][1]benzothiophene derivatives. Journal of Materials Chemistry C, 2016, 4, 4863-4879.	5.5	33
50	Charge Carrier Mobility: Unraveling Unprecedented Charge Carrier Mobility through Structure Property Relationship of Four Isomers of Didodecyl[1]benzothieno[3,2-b][1]benzothiophene (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	21.0	0
51	Reducing dynamic disorder in small-molecule organic semiconductors by suppressing large-amplitude thermal motions. Nature Communications, 2016, 7, 10736.	12.8	147
52	The role of H-bonds in the solid state organization of [1]benzothieno[3,2-b][1]benzothiophene (BTBT) structures: bis(hydroxy-hexyl)-BTBT, as a functional derivative offering efficient air stable organic field effect transistors (OFETs). Journal of Materials Chemistry C, 2016, 4, 6742-6749.	5.5	33
53	Organic ferroelectric/semiconducting nanowire hybrid layer for memory storage. Nanoscale, 2016, 8, 5968-5976.	5.6	8
54	Investigation of the Q_xâ€“Q_y Equilibrium in a Metalâ€Free Phthalocyanine. ChemPhysChem, 2015, 16, 3992-3996.	2.1	7

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55	Optically switchable transistors by simple incorporation of photochromic systems into small-molecule semiconducting matrices. Nature Communications, 2015, 6, 6330.	12.8	162
56	Substrate-Induced Phase of a [1]Benzothieno[3,2-b]benzothiophene Derivative and Phase Evolution by Aging and Solvent Vapor Annealing. ACS Applied Materials & Interfaces, 2015, 7, 1868-1873.	8.0	54
57	Polymorphism of dioctyl-terthiophene within thin films: The role of the first monolayer. Chemical Physics Letters, 2015, 630, 12-17.	2.6	23
58	Bulky Endâ€Capped [1]Benzothieno[3,2â€b]benzothiophenes: Reaching Highâ€Mobility Organic Semiconductors by Fine Tuning of the Crystalline Solidâ€State Order. Advanced Materials, 2015, 27, 3066-3072.	21.0	155
59	Thienoacene dimers based on the thieno[3,2-b]thiophene moiety: synthesis, characterization and electronic properties. Journal of Materials Chemistry C, 2015, 3, 674-685.	5.5	62
60	High Mobility in Solutionâ€Processed 2,7â€Dialkylâ€[1]benzothieno[3,2â€b][1]benzothieneâ€Based Fieldâ€Effect Transistors Prepared with a Simplified Deposition Method. ChemPlusChem, 2014, 79, 371-374.	2.8	14
61	Polymorphism in Bulk and Thin Films: The Curious Case of Dithiophene-DPP(Boc)-Dithiophene. Journal of Physical Chemistry C, 2014, 118, 657-669.	3.1	26
62	What Currently Limits Charge Carrier Mobility in Crystals of Molecular Semiconductors?. Israel Journal of Chemistry, 2014, 54, 595-620.	2.3	97
63	Influence of Solubilizing Group Removal Rate on the Morphology and Crystallinity of a Diketopyrrolopyrrole-Based Compound. Crystal Growth and Design, 2014, 14, 339-349.	3.0	18
64	Semi-metallic polymers. Nature Materials, 2014, 13, 190-194.	27.5	722
65	Order, Viscoelastic, and Dielectric Properties of Symmetric and Asymmetric Alkyl[1]benzothieno[3,2-b][1]benzothiophenes. Journal of Physical Chemistry B, 2014, 118, 1443-1451.	2.6	32
66	Substrate-induced phases: transition from a liquid-crystalline to a plastic crystalline phase via nucleation initiated by the substrate. Liquid Crystals, 2014, 41, 302-309.	2.2	9
67	X-ray Structural Investigation of Nonsymmetrically and Symmetrically Alkylated [1]Benzothieno[3,2-b]benzothiophene Derivatives in Bulk and Thin Films. ACS Applied Materials & Interfaces, 2014, 6, 13413-13421.	8.0	51
68	Effects of temperature on the polymorphism of Î±,Ï‰-dioctylterthiophene in thin films. Journal of Crystal Growth, 2014, 386, 128-134.	1.5	11
69	Close Encounters of the 3D Kind â€“ Exploiting High Dimensionality in Molecular Semiconductors. Advanced Materials, 2013, 25, 1948-1954.	21.0	82
70	Synthesis of poly[(4,4â€²-(dihexyl)dithieno(3,2-b;2â€²,3â€²-d)silole)] and copolymerization with 3-hexylthiophene: new semiconducting materials with extended optical absorption. Polymer Chemistry, 2013, 4, 4303.	3.9	21
71	Synthesis of 1,6-, 2,7-, 3,8-, and 4,9-Isomers of Didodecyl[1]benzothieno[3,2-b][1]benzothiophenes. Journal of Organic Chemistry, 2013, 78, 7741-7748.	3.2	26
72	Straightforward access to diketopyrrolopyrrole (DPP) dimers. Dyes and Pigments, 2013, 97, 198-208.	3.7	38

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73	Self-Assembly of Alkyl-Substituted Oligothiophenes on MoS2: A Joint Experimental/Theoretical Study. Journal of Physical Chemistry C, 2013, 117, 21743-21751.	3.1	7
74	Synthesis and Characterization of Isomerically Pure anti- and syn-Anthradiindole Derivatives. Organic Letters, 2013, 15, 302-305.	4.6	17
75	Doping of Organic Semiconductors: Impact of Dopant Strength and Electronic Coupling. Angewandte Chemie - International Edition, 2013, 52, 7751-7755.	13.8	186
76	Dynamics of Monolayerâ€“Island Transitions in 2,7â€Dioctylâ€benzothienobenzthiophene Thin Films. ChemPhysChem, 2013, 14, 2554-2559.	2.1	26
77	The Influence of Alkoxy Substitutions on the Properties of Diketopyrrolopyrrole-Phenyl Copolymers for Solar Cells. Materials, 2013, 6, 3022-3034.	2.9	8
78	Crystallisation kinetics in thin films of dihexyl-terthiophene: the appearance of polymorphic phases. RSC Advances, 2012, 2, 4404.	3.6	64
79	Interface Induced Crystal Structures of Dioctyl-Terthiophene Thin Films. Langmuir, 2012, 28, 8530-8536.	3.5	22
80	Bridged 3,3â€³â€²-didodecylquaterthiophene-based dimers: design, synthesis, and optoelectronic properties. Tetrahedron, 2012, 68, 5599-5605.	1.9	2
81	Nanoscale investigation of the electrical properties in semiconductor polymerâ€“carbon nanotube hybrid materials. Nanoscale, 2012, 4, 2705.	5.6	45
82	Ambipolar organic field-effect transistors with balanced mobilities through solventâ€“vapour annealing induced phase-separation of bi-component mixtures. Journal of Materials Chemistry, 2012, 22, 9509.	6.7	20
83	Quaterthiophene-based dimers containing an ethylene bridge: molecular design, synthesis, and optoelectronic properties. Tetrahedron, 2012, 68, 349-355.	1.9	10
84	Substrateâ€Induced Crystal Plastic Phase of a Discotic Liquid Crystal. Advanced Materials, 2012, 24, 658-662.	21.0	25
85	Precise Synthesis of Poly(fluorene-2,7-vinylene)s Containing Oligo(thiophene)s at the Chain Ends: Unique Emission Properties by the End Functionalization. Macromolecules, 2011, 44, 3705-3711.	4.8	33
86	Synthesis of Isomerically Pure anti-Anthradithiophene Derivatives. Organic Letters, 2011, 13, 5208-5211.	4.6	41
87	Dimers of Anthrathiophene and Anthradithiophene Derivatives: Synthesis and Characterization. Organic Letters, 2011, 13, 548-551.	4.6	17
88	Absorption, Photoluminescence, and Polarized Raman Spectra of a Fourfold Alkoxy-Substituted Phthalocyanine Liquid Crystal. Journal of Physical Chemistry C, 2011, 115, 12150-12157.	3.1	25
89	Toward Single Crystal Thin Films of Terthiophene by Directional Crystallization Using a Thermal Gradient. Crystal Growth and Design, 2011, 11, 3663-3672.	3.0	63
90	Silaindacenodithiophene Semiconducting Polymers for Efficient Solar Cells and High-Mobility Ambipolar Transistors. Chemistry of Materials, 2011, 23, 768-770.	6.7	126

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91	Integration of self-assembled discotic-based fibres into field-effect transistors: a comparison of preparation approaches. Journal of Materials Chemistry, 2011, 21, 206-213.	6.7	23
92	Molecular Packing of High-Mobility Diketo Pyrrolo-Pyrrole Polymer Semiconductors with Branched Alkyl Side Chains. Journal of the American Chemical Society, 2011, 133, 15073-15084.	13.7	381
93	Thieno[3,2-b]thiopheneâ"Diketopyrrolopyrrole-Containing Polymers for High-Performance Organic Field-Effect Transistors and Organic Photovoltaic Devices. Journal of the American Chemical Society, 2011, 133, 3272-3275.	13.7	854
94	Anthradithiophene Derivatives Substituted at the 2,8â€Positions by Formyl and Triphenylamine Units: Synthesis, Optical, and Electrochemical Properties. European Journal of Organic Chemistry, 2011, 2011, 3131-3136.	2.4	3
95	Doping and photo-induced current in discotic liquid crystals thin films: Long-time and temperature effects. Organic Electronics, 2011, 12, 851-856.	2.6	6
96	Donor/acceptor-substituted anthradithiophene materials: synthesis, optical and electrochemical properties. Tetrahedron, 2011, 67, 7156-7161.	1.9	7
97	Synthesis of diketopyrrolopyrrole (DPP) derivatives comprising bithiophene moieties. Tetrahedron, 2010, 66, 1837-1845.	1.9	51
98	Highâ€Temperature Ferromagnetism of a Discotic Liquid Crystal Dilutely Intercalated with Iron(III) Phthalocyanine. Advanced Materials, 2010, 22, 4405-4409.	21.0	19
99	Synthesis of soluble oligothiophenes bearing cyano groups, their optical and electrochemical properties. Tetrahedron, 2010, 66, 9560-9572.	1.9	16
100	Synthesis and Supramolecular Organization of Regioregular Polythiophene Block Oligomers. Journal of Organic Chemistry, 2010, 75, 1561-1568.	3.2	43
101	Structural and Charge-Transport Properties of a Liquid-Crystalline Î±,Ï‰-Disubstituted Thiophene Derivative: A Joint Experimental and Theoretical Study. Journal of Physical Chemistry C, 2010, 114, 4617-4627.	3.1	18
102	Synthesis of mesogenic phthalocyanine-C₆₀ donorâ€"acceptor dyads designed for molecular heterojunction photovoltaic devices. Beilstein Journal of Organic Chemistry, 2009, 5, 49.	2.2	40
103	Lithographic Alignment of Discotic Liquid Crystals: A New Timeâ€"Temperature Integrating Framework. Advanced Materials, 2009, 21, 4688-4691.	21.0	53
104	Homeotropic alignment in films of a mesogenic phthalocyanine depends on the nature of interactions with the surface. Mendeleev Communications, 2009, 19, 185-186.	1.6	22
105	Mesomorphism of dialkylterthiophene homologues. Synthetic Metals, 2009, 159, 1319-1324.	3.9	9
106	Metal-Free Phthalocyanines Bearing Eight Alkylsulfonyl Substituents: Design, Synthesis, Electronic Structure, and Mesomorphism of New Electron-Deficient Mesogens. Chemistry of Materials, 2009, 21, 2789-2797.	6.7	35
107	Homeotropic and Planar Alignment of Discotic Liquid Crystals: The Role of the Columnar Mesophase. Chemistry of Materials, 2009, 21, 5867-5874.	6.7	71
108	Synthesis of All-Trans High Molecular Weight Poly(N-alkylcarbazole-2,7-vinylene)s and Poly(9,9-dialkylfluorene-2,7-vinylene)s by Acyclic Diene Metathesis (ADMET) Polymerization Using Rutheniumâ"Carbene Complex Catalysts. Macromolecules, 2009, 42, 5104-5111.	4.8	52

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109	Homeotropic Alignment of a Discotic Liquid Crystal Induced by a Sacrificial Layer. Journal of Physical Chemistry C, 2009, 113, 14398-14406.	3.1	74
110	Miscibility between Differently Shaped Mesogens: Structural and Morphological Study of a Phthalocyanine-Perylene Binary System. Journal of Physical Chemistry B, 2009, 113, 5448-5457.	2.6	37
111	Nanocontrolled Bending of Discotic Columns by Spiral Networks. Small, 2008, 4, 728-732.	10.0	20
112	Self-assembly of hydrogen-bond assisted supramolecular azatriphenylene architectures. Soft Matter, 2008, 4, 303-310.	2.7	21
113	Monolayer Control of Discotic Liquid Crystal by Electromigration of Dewetted Layers in Thin Film Devices. Journal of the American Chemical Society, 2008, 130, 11953-11958.	13.7	27
114	Exclusive End Functionalization of all-trans-Poly(fluorene vinylene)s Prepared by Acyclic Diene Metathesis Polymerization: Facile Efficient Synthesis of Amphiphilic Triblock Copolymers by Grafting Poly(ethylene glycol). Macromolecules, 2008, 41, 4245-4249.	4.8	41
115	Femtosecond Charge Transfer in Assemblies of Discotic Liquid Crystals. Journal of Physical Chemistry C, 2008, 112, 15784-15790.	3.1	11
116	Charge recombination in distributed heterostructures of semiconductor discotic and polymeric materials.. Journal of Applied Physics, 2008, 103, 124510.	2.5	16
117	Discotic liquid crystals: a new generation of organic semiconductors. Chemical Society Reviews, 2007, 36, 1902.	38.1	1,330
118	Transition temperature engineering of octaalkoxycarbonyl phthalocyanines. Journal of Materials Chemistry, 2007, 17, 3002.	6.7	24
119	Uniaxial Alignment of Nanoconfined Columnar Mesophases. Nano Letters, 2007, 7, 2627-2632.	9.1	44
120	Symmetrical and Nonsymmetrical Liquid Crystalline Oligothiophenes: Convenient Synthesis and Transition-Temperature Engineering. European Journal of Organic Chemistry, 2007, 2007, 1256-1261.	2.4	34
121	Non-symmetrical oligothiophenes with â€˜incompatibleâ€™ substituents. Tetrahedron, 2007, 63, 941-946.	1.9	19
122	Liquid crystalline octaalkoxycarbonyl phthalocyanines: design, synthesis, electronic structure, self-aggregation and mesomorphism. Journal of Materials Chemistry, 2007, 17, 1777-1784.	6.7	52
123	Highly Fluorescent Crystalline and Liquid Crystalline Columnar Phases of Pyrene-Based Structures. Journal of Physical Chemistry B, 2006, 110, 7653-7659.	2.6	161
124	Effect of Interfaces on the Alignment of a Discotic Liquidâ^'Crystalline Phthalocyanine. Langmuir, 2006, 22, 7798-7806.	3.5	125
125	Practical One-step Synthesis of Symmetrical Liquid Crystalline Dialkyloligothiophenes for Molecular Electronic Applications. Chemistry Letters, 2006, 35, 166-167.	1.3	22
126	STM Investigation of Alkylated Thiotriphenylene Monolayers at the Solidâ€“Liquid Interface: Structure and Dynamics. Australian Journal of Chemistry, 2006, 59, 376.	0.9	7

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127	Emission properties of a highly fluorescent pyrene dye in solution and in the liquid state. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 178, 251-257.	3.9	14
128	High Charge-Carrier Mobility in Ï€-Deficient Discotic Mesogens: Design and Structure-Property Relationship. Chemistry - A European Journal, 2005, 11, 3349-3362.	3.3	168
129	Acyclic diene metathesis polymerization of 2,5-dialkyl-1,4-divinylbenzene with molybdenum or ruthenium catalysts: Factors affecting the precise synthesis of defect-free, high-molecular-weighttrans-poly(p-phenylene vinylene)s. Journal of Polymer Science Part A, 2005, 43, 6166-6177.	2.3	43
130	Remarkable Miscibility between Disk- and Lathlike Mesogens. Chemistry of Materials, 2005, 17, 4273-4277.	6.7	35
131	Liquid Crystalline Metal-Free Phthalocyanines Designed for Charge and Exciton Transport. Journal of Physical Chemistry B, 2005, 109, 20315-20323.	2.6	101
132	Charge Transport Properties in Discotic Liquid Crystals:â€‰ A Quantum-Chemical Insight into Structureâ^'Property Relationships. Journal of the American Chemical Society, 2004, 126, 3271-3279.	13.7	464
133	Hexaazatriisothianaphthenes: new electron-transport mesogens?. Tetrahedron, 2004, 60, 3283-3291.	1.9	15
134	1,3,6,8-Tetraphenylpyrene Derivatives: Towards Fluorescent Liquid-Crystalline Columns?. Advanced Functional Materials, 2004, 14, 649-659.	14.9	153
135	Electronic Delocalization in Discotic Liquid Crystals:Â A Joint Experimental and Theoretical Study. Journal of the American Chemical Society, 2004, 126, 11889-11899.	13.7	136
136	Impact of Silicone-Based Block Copolymer Surfactants on the Surface and Bulk Microscopic Organization of a Biodegradable Polymer, Poly(Îµ-caprolactone). Biomacromolecules, 2003, 4, 696-703.	5.4	8
137	Discotic mesogens with potential electron carrier properties. Chemical Communications, 2001, , 2074.	4.1	76
138	Synthesis of high molecular weighttrans-poly(9,9-di-n-octylfluorene-2,7-vinylene) by the acyclic diene metathesis polymerization using molybdenum catalysts. Journal of Polymer Science Part A, 2001, 39, 2463-2470.	2.3	68
139	Poly[2]catenanes and Cyclic Oligo[2]catenanes Containing Alternating Topological and Covalent Bonds: Synthesis and Characterization. Chemistry - A European Journal, 1999, 5, 1841-1851.	3.3	89
140	Electrochemistry, Spectroscopy and Electrogenerated Chemiluminescence of Perylene, Terrylene, and Quaterrylene Diimides in Aprotic Solution. Journal of the American Chemical Society, 1999, 121, 3513-3520.	13.7	453
141	Synthesis and Characterization of Poly[2]-catenanes Containing Rigid Catenane Segments. Macromolecules, 1999, 32, 1737-1745.	4.8	58
142	Rapid Charge Transport Along Self-Assembling Graphitic Nanowires. Advanced Materials, 1998, 10, 36-38.	21.0	228
143	Synthesis and characterization of a poly(para-phenyleneethynylene)-block-poly(ethylene oxide) rod-coil block copolymer. Macromolecular Rapid Communications, 1998, 19, 275-281.	3.9	65
144	Synthesis of rod-coil block copolymers via end-functionalized poly(p-phenylene)s. Macromolecular Rapid Communications, 1998, 19, 385-389.	3.9	70

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145	Liquid crystalline perylene-3,4-dicarboximide derivatives with high thermal and photochemical stability. Journal of Materials Chemistry, 1998, 8, 61-64.	6.7	42
146	Quaterrylenebis(dicarboximide)s: near infrared absorbing and emitting dyes. Journal of Materials Chemistry, 1998, 8, 2357-2369.	6.7	124
147	Synthesis of Soluble Perylenebisamidine Derivatives. Novel Long-Wavelength Absorbing and Fluorescent Dyes. Chemistry of Materials, 1997, 9, 495-500.	6.7	117
148	Electroluminescence from New Polynorbornenes That Contain Blue-Light-Emitting and Charge-Transport Side Chains. Macromolecules, 1997, 30, 3553-3559.	4.8	72
149	Synthesis of a novel poly[2]-catenane containing rigid catenanes. Macromolecular Rapid Communications, 1997, 18, 233-241.	3.9	46
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