

# Yves H Geerts

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3669556/publications.pdf>

Version: 2024-02-01

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	Discotic liquid crystals: a new generation of organic semiconductors. <i>Chemical Society Reviews</i> , 2007, 36, 1902.	38.1	1,330
2	Thieno[3,2- <i>b</i> ]thiophene~Diketopyrrolopyrrole-Containing Polymers for High-Performance Organic Field-Effect Transistors and Organic Photovoltaic Devices. <i>Journal of the American Chemical Society</i> , 2011, 133, 3272-3275.	13.7	854
3	Semi-metallic polymers. <i>Nature Materials</i> , 2014, 13, 190-194.	27.5	722
4	Charge Transport Properties in Discotic Liquid Crystals: A Quantum-Chemical Insight into Structure~Property Relationships. <i>Journal of the American Chemical Society</i> , 2004, 126, 3271-3279.	13.7	464
5	Electrochemistry, Spectroscopy and Electrogenerated Chemiluminescence of Perylene, Terrylene, and Quaterylene Diimides in Aprotic Solution. <i>Journal of the American Chemical Society</i> , 1999, 121, 3513-3520.	13.7	453
6	Molecular Packing of High-Mobility Diketo Pyrrolo-Pyrrole Polymer Semiconductors with Branched Alkyl Side Chains. <i>Journal of the American Chemical Society</i> , 2011, 133, 15073-15084.	13.7	381
7	Rapid Charge Transport Along Self-Assembling Graphitic Nanowires. <i>Advanced Materials</i> , 1998, 10, 36-38.	21.0	228
8	Substrate~Induced and Thin~Film Phases: Polymorphism of Organic Materials on Surfaces. <i>Advanced Functional Materials</i> , 2016, 26, 2233-2255.	14.9	221
9	Doping of Organic Semiconductors: Impact of Dopant Strength and Electronic Coupling. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7751-7755.	13.8	186
10	High Charge-Carrier Mobility in ~Deficient Discotic Mesogens: Design and Structure-Property Relationship. <i>Chemistry - A European Journal</i> , 2005, 11, 3349-3362.	3.3	168
11	Optically switchable transistors by simple incorporation of photochromic systems into small-molecule semiconducting matrices. <i>Nature Communications</i> , 2015, 6, 6330.	12.8	162
12	Highly Fluorescent Crystalline and Liquid Crystalline Columnar Phases of Pyrene-Based Structures. <i>Journal of Physical Chemistry B</i> , 2006, 110, 7653-7659.	2.6	161
13	Bulky End~Capped [1]Benzothieno[3,2- <i>b</i> ]benzothiophenes: Reaching High~Mobility Organic Semiconductors by Fine Tuning of the Crystalline Solid~State Order. <i>Advanced Materials</i> , 2015, 27, 3066-3072.	21.0	155
14	1,3,6,8-Tetraphenylpyrene Derivatives: Towards Fluorescent Liquid-Crystalline Columns?. <i>Advanced Functional Materials</i> , 2004, 14, 649-659.	14.9	153
15	Reducing dynamic disorder in small-molecule organic semiconductors by suppressing large-amplitude thermal motions. <i>Nature Communications</i> , 2016, 7, 10736.	12.8	147
16	Unraveling Unprecedented Charge Carrier Mobility through Structure Property Relationship of Four Isomers of Didodecyl[1]benzothieno[3,2- <i>b</i> ][1]benzothiophene. <i>Advanced Materials</i> , 2016, 28, 7106-7114.	21.0	138
17	Electronic Delocalization in Discotic Liquid Crystals: A Joint Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2004, 126, 11889-11899.	13.7	136
18	Molecular Semiconductors for Logic Operations: Dead~End or Bright Future?. <i>Advanced Materials</i> , 2020, 32, e1905909.	21.0	135

#	ARTICLE	IF	CITATIONS
19	Silaindacenodithiophene Semiconducting Polymers for Efficient Solar Cells and High-Mobility Ambipolar Transistors. <i>Chemistry of Materials</i> , 2011, 23, 768-770.	6.7	126
20	Chasing the "Killer" Phonon Mode for the Rational Design of Low-Disorder, High-Mobility Molecular Semiconductors. <i>Advanced Materials</i> , 2019, 31, e1902407.	21.0	126
21	Effect of Interfaces on the Alignment of a Discotic Liquid-Crystalline Phthalocyanine. <i>Langmuir</i> , 2006, 22, 7798-7806.	3.5	125
22	Quaterrylenebis(dicarboximide)s: near infrared absorbing and emitting dyes. <i>Journal of Materials Chemistry</i> , 1998, 8, 2357-2369.	6.7	124
23	Synthesis of Soluble Perylenebisimidine Derivatives. Novel Long-Wavelength Absorbing and Fluorescent Dyes. <i>Chemistry of Materials</i> , 1997, 9, 495-500.	6.7	117
24	Liquid Crystalline Metal-Free Phthalocyanines Designed for Charge and Exciton Transport. <i>Journal of Physical Chemistry B</i> , 2005, 109, 20315-20323.	2.6	101
25	What Currently Limits Charge Carrier Mobility in Crystals of Molecular Semiconductors?. <i>Israel Journal of Chemistry</i> , 2014, 54, 595-620.	2.3	97
26	Rotator side chains trigger cooperative transition for shape and function memory effect in organic semiconductors. <i>Nature Communications</i> , 2018, 9, 278.	12.8	90
27	Poly[2]catenanes and Cyclic Oligo[2]catenanes Containing Alternating Topological and Covalent Bonds: Synthesis and Characterization. <i>Chemistry - A European Journal</i> , 1999, 5, 1841-1851.	3.3	89
28	Novel perylene-containing polymers. <i>Macromolecular Chemistry and Physics</i> , 1996, 197, 4029-4044.	2.2	83
29	Close Encounters of the 3D Kind " Exploiting High Dimensionality in Molecular Semiconductors. <i>Advanced Materials</i> , 2013, 25, 1948-1954.	21.0	82
30	Discotic mesogens with potential electron carrier properties. <i>Chemical Communications</i> , 2001, , 2074.	4.1	76
31	Homeotropic Alignment of a Discotic Liquid Crystal Induced by a Sacrificial Layer. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14398-14406.	3.1	74
32	Electroluminescence from New Polynorbornenes That Contain Blue-Light-Emitting and Charge-Transport Side Chains. <i>Macromolecules</i> , 1997, 30, 3553-3559.	4.8	72
33	Homeotropic and Planar Alignment of Discotic Liquid Crystals: The Role of the Columnar Mesophase. <i>Chemistry of Materials</i> , 2009, 21, 5867-5874.	6.7	71
34	Synthesis of rod-coil block copolymers via end-functionalized poly(p-phenylene)s. <i>Macromolecular Rapid Communications</i> , 1998, 19, 385-389.	3.9	70
35	Synthesis of high molecular weight trans-poly(9,9-di-n-octylfluorene-2,7-vinylene) by the acyclic diene metathesis polymerization using molybdenum catalysts. <i>Journal of Polymer Science Part A</i> , 2001, 39, 2463-2470.	2.3	68
36	Synthesis and characterization of a poly(para-phenyleneethynylene)-block-poly(ethylene oxide) rod-coil block copolymer. <i>Macromolecular Rapid Communications</i> , 1998, 19, 275-281.	3.9	65

#	ARTICLE	IF	CITATIONS
37	Crystallisation kinetics in thin films of dihexyl-terthiophene: the appearance of polymorphic phases. RSC Advances, 2012, 2, 4404.	3.6	64
38	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
39	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
40	Synthesis of oligo[2]catenanes. Macromolecular Chemistry and Physics, 1995, 196, 3425-3435.	2.2	59
41	Synthesis and Characterization of Poly[2]-catenanes Containing Rigid Catenane Segments. Macromolecules, 1999, 32, 1737-1745.	4.8	58
42	A "Smart" Ultrathin Photochromic Layer. Langmuir, 1995, 11, 2856-2859.	3.5	57
43	Surface Plasmon Investigations of Light-Induced Modulation in the Optical Thickness of Molecularly Thin Photochromic Layers. Langmuir, 1996, 12, 2976-2980.	3.5	54
44	Substrate-Induced Phase of a [1]Benzothieno[3,2- <i>b</i> ]benzothiophene Derivative and Phase Evolution by Aging and Solvent Vapor Annealing. ACS Applied Materials & Interfaces, 2015, 7, 1868-1873.	8.0	54
45	Lithographic Alignment of Discotic Liquid Crystals: A New Time-temperature Integrating Framework. Advanced Materials, 2009, 21, 4688-4691.	21.0	53
46	Liquid crystalline octaalkoxycarbonyl phthalocyanines: design, synthesis, electronic structure, self-aggregation and mesomorphism. Journal of Materials Chemistry, 2007, 17, 1777-1784.	6.7	52
47	Synthesis of All-Trans High Molecular Weight Poly( <i>N</i> -alkylcarbazole-2,7-vinylene)s and Poly(9,9-dialkylfluorene-2,7-vinylene)s by Acyclic Diene Metathesis (ADMET) Polymerization Using Ruthenium Carbene Complex Catalysts. Macromolecules, 2009, 42, 5104-5111.	4.8	52
48	Synthesis of diketopyrrolopyrrole (DPP) derivatives comprising bithiophene moieties. Tetrahedron, 2010, 66, 1837-1845.	1.9	51
49	X-ray Structural Investigation of Nonsymmetrically and Symmetrically Alkylated [1]Benzothieno[3,2- <i>b</i> ]benzothiophene Derivatives in Bulk and Thin Films. ACS Applied Materials & Interfaces, 2014, 6, 13413-13421.	8.0	51
50	Synthesis of a novel poly[2]-catenane containing rigid catenanes. Macromolecular Rapid Communications, 1997, 18, 233-241.	3.9	46
51	Nanoscale investigation of the electrical properties in semiconductor polymer-carbon nanotube hybrid materials. Nanoscale, 2012, 4, 2705.	5.6	45
52	Uniaxial Alignment of Nanoconfined Columnar Mesophases. Nano Letters, 2007, 7, 2627-2632.	9.1	44
53	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-weight trans-poly(p-phenylene vinylene)s. Journal of Polymer Science Part A, 2005, 43, 6166-6177.	2.3	43
54	Synthesis and Supramolecular Organization of Regioregular Polythiophene Block Oligomers. Journal of Organic Chemistry, 2010, 75, 1561-1568.	3.2	43

#	ARTICLE	IF	CITATIONS
55	N-Doped TiO <sub>2</sub> Photocatalyst Coatings Synthesized by a Cold Atmospheric Plasma. <i>Langmuir</i> , 2019, 35, 7161-7168.	3.5	43
56	Liquid crystalline perylene-3,4-dicarboximide derivatives with high thermal and photochemical stability. <i>Journal of Materials Chemistry</i> , 1998, 8, 61-64.	6.7	42
57	DFT-Assisted Polymorph Identification from Lattice Raman Fingerprinting. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3690-3695.	4.6	42
58	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). <i>Macromolecules</i> , 2008, 41, 4245-4249.	4.8	41
59	Synthesis of Isomerically Pure <i>anti</i> -Anthradithiophene Derivatives. <i>Organic Letters</i> , 2011, 13, 5208-5211.	4.6	41
60	Synthesis of mesogenic phthalocyanine-C <sub>60</sub> donor-acceptor dyads designed for molecular heterojunction photovoltaic devices. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 49.	2.2	40
61	Straightforward access to diketopyrrolopyrrole (DPP) dimers. <i>Dyes and Pigments</i> , 2013, 97, 198-208.	3.7	38
62	Miscibility between Differently Shaped Mesogens: Structural and Morphological Study of a Phthalocyanine-Perylene Binary System. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5448-5457.	2.6	37
63	Remarkable Miscibility between Disk- and Lathlike Mesogens. <i>Chemistry of Materials</i> , 2005, 17, 4273-4277.	6.7	35
64	Metal-Free Phthalocyanines Bearing Eight Alkylsulfonyl Substituents: Design, Synthesis, Electronic Structure, and Mesomorphism of New Electron-Deficient Mesogens. <i>Chemistry of Materials</i> , 2009, 21, 2789-2797.	6.7	35
65	Symmetrical and Nonsymmetrical Liquid Crystalline Oligothiophenes: Convenient Synthesis and Transition-Temperature Engineering. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1256-1261.	2.4	34
66	Precise Synthesis of Poly(fluorene-2,7-vinylene)s Containing Oligo(thiophene)s at the Chain Ends: Unique Emission Properties by the End Functionalization. <i>Macromolecules</i> , 2011, 44, 3705-3711.	4.8	33
67	Design, synthesis, chemical stability, packing, cyclic voltammetry, ionisation potential, and charge transport of [1]benzothieno[3,2-b][1]benzothiophene derivatives. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4863-4879.	5.5	33
68	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). <i>Journal of Materials Chemistry C</i> , 2016, 4, 6742-6749.	5.5	33
69	Order, Viscoelastic, and Dielectric Properties of Symmetric and Asymmetric Alkyl[1]benzothieno[3,2-b][1]benzothiophenes. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1443-1451.	2.6	32
70	Liquid-Gated Organic Electronic Devices Based on High-Performance Solution-Processed Molecular Semiconductor. <i>Advanced Electronic Materials</i> , 2017, 3, 1700159.	5.1	28
71	Monolayer Control of Discotic Liquid Crystal by Electromigration of Dewetted Layers in Thin Film Devices. <i>Journal of the American Chemical Society</i> , 2008, 130, 11953-11958.	13.7	27
72	Single Atom Substitution Alters the Polymorphic Transition Mechanism in Organic Electronic Crystals. <i>Chemistry of Materials</i> , 2019, 31, 9115-9126.	6.7	27

#	ARTICLE	IF	CITATIONS
73	Synthesis of 1,6-, 2,7-, 3,8-, and 4,9-Isomers of Didodecyl[1]benzothieno[3,2- <i>b</i> ][1]benzothiophenes. <i>Journal of Organic Chemistry</i> , 2013, 78, 7741-7748.	3.2	26
74	Dynamics of Monolayer-Island Transitions in 2,7-Dioctylbenzothienobenzthiophene Thin Films. <i>ChemPhysChem</i> , 2013, 14, 2554-2559.	2.1	26
75	Polymorphism in Bulk and Thin Films: The Curious Case of Dithiophene-DPP(Boc)-Dithiophene. <i>Journal of Physical Chemistry C</i> , 2014, 118, 657-669.	3.1	26
76	Understanding the Role of Bulky Side Chains on Polymorphism of BTBT-Based Organic Semiconductors. <i>Crystal Growth and Design</i> , 2020, 20, 1646-1654.	3.0	26
77	Absorption, Photoluminescence, and Polarized Raman Spectra of a Fourfold Alkoxy-Substituted Phthalocyanine Liquid Crystal. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12150-12157.	3.1	25
78	Substrate-Induced Crystal Plastic Phase of a Discotic Liquid Crystal. <i>Advanced Materials</i> , 2012, 24, 658-662.	21.0	25
79	Transition temperature engineering of octaalkoxycarbonyl phthalocyanines. <i>Journal of Materials Chemistry</i> , 2007, 17, 3002.	6.7	24
80	Organic Single Crystals: An Essential Step to New Physics and Higher Performances of Optoelectronic Devices. <i>Advanced Functional Materials</i> , 2016, 26, 2229-2232.	14.9	24
81	Integration of self-assembled discotic-based fibres into field-effect transistors: a comparison of preparation approaches. <i>Journal of Materials Chemistry</i> , 2011, 21, 206-213.	6.7	23
82	Polymorphism of dioctyl-terthiophene within thin films: The role of the first monolayer. <i>Chemical Physics Letters</i> , 2015, 630, 12-17.	2.6	23
83	Enhancing Long-Term Device Stability Using Thin Film Blends of Small Molecule Semiconductors and Insulating Polymers to Trap Surface-Induced Polymorphs. <i>Advanced Functional Materials</i> , 2020, 30, 2006115.	14.9	23
84	Practical One-step Synthesis of Symmetrical Liquid Crystalline Dialkyloligothiophenes for Molecular Electronic Applications. <i>Chemistry Letters</i> , 2006, 35, 166-167.	1.3	22
85	Homeotropic alignment in films of a mesogenic phthalocyanine depends on the nature of interactions with the surface. <i>Mendeleev Communications</i> , 2009, 19, 185-186.	1.6	22
86	Interface Induced Crystal Structures of Dioctyl-Terthiophene Thin Films. <i>Langmuir</i> , 2012, 28, 8530-8536.	3.5	22
87	Unique Crystal Orientation of Poly(ethylene oxide) Thin Films by Crystallization Using a Thermal Gradient. <i>Macromolecules</i> , 2017, 50, 5877-5891.	4.8	22
88	Hybrid Mechanism of Nucleation and Cooperative Propagation in a Single-Crystal-to-Single-Crystal Transition of a Molecular Crystal. <i>Crystal Growth and Design</i> , 2018, 18, 4245-4251.	3.0	22
89	Self-assembly of hydrogen-bond assisted supramolecular azatriphenylene architectures. <i>Soft Matter</i> , 2008, 4, 303-310.	2.7	21
90	Synthesis of poly[(4,4'-dihexyl)dithieno(3,2- <i>b</i> ;2',3'- <i>d</i> )silole] and copolymerization with 3-hexylthiophene: new semiconducting materials with extended optical absorption. <i>Polymer Chemistry</i> , 2013, 4, 4303.	3.9	21

#	ARTICLE	IF	CITATIONS
91	Nanocontrolled Bending of Discotic Columns by Spiral Networks. <i>Small</i> , 2008, 4, 728-732.	10.0	20
92	Ambipolar organic field-effect transistors with balanced mobilities through solvent-vapour annealing induced phase-separation of bi-component mixtures. <i>Journal of Materials Chemistry</i> , 2012, 22, 9509.	6.7	20
93	Non-symmetrical oligothiophenes with incompatible substituents. <i>Tetrahedron</i> , 2007, 63, 941-946.	1.9	19
94	High-Temperature Ferromagnetism of a Discotic Liquid Crystal Dilutely Intercalated with Iron(III) Phthalocyanine. <i>Advanced Materials</i> , 2010, 22, 4405-4409.	21.0	19
95	Tuning Spin Current Injection at Ferromagnet-Nonmagnet Interfaces by Molecular Design. <i>Physical Review Letters</i> , 2020, 124, 027204.	7.8	19
96	Structural and Charge-Transport Properties of a Liquid-Crystalline $\pm$ -Disubstituted Thiophene Derivative: A Joint Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2010, 114, 4617-4627.	3.1	18
97	Influence of Solubilizing Group Removal Rate on the Morphology and Crystallinity of a Diketopyrrolopyrrole-Based Compound. <i>Crystal Growth and Design</i> , 2014, 14, 339-349.	3.0	18
98	Dimers of Anthrathiophene and Anthradithiophene Derivatives: Synthesis and Characterization. <i>Organic Letters</i> , 2011, 13, 548-551.	4.6	17
99	Synthesis and Characterization of Isomerically Pure anti- and syn-Anthradiindole Derivatives. <i>Organic Letters</i> , 2013, 15, 302-305.	4.6	17
100	Directional crystallization of C8-BTBT-C8 thin films in a temperature gradient. <i>Materials Chemistry Frontiers</i> , 2021, 5, 249-258.	5.9	17
101	High-Performance Humidity Sensing in $\pi$ -Conjugated Molecular Assemblies through the Engineering of Electron/Proton Transport and Device Interfaces. <i>Journal of the American Chemical Society</i> , 2022, 144, 2546-2555.	13.7	17
102	Charge recombination in distributed heterostructures of semiconductor discotic and polymeric materials. <i>Journal of Applied Physics</i> , 2008, 103, 124510.	2.5	16
103	Synthesis of soluble oligothiophenes bearing cyano groups, their optical and electrochemical properties. <i>Tetrahedron</i> , 2010, 66, 9560-9572.	1.9	16
104	Atmospheric pressure dielectric barrier discharge synthesis of morphology-controllable TiO <sub>2</sub> films with enhanced photocatalytic activity. <i>Thin Solid Films</i> , 2018, 664, 90-99.	1.8	16
105	Hexaazatriisothianaphthenes: new electron-transport mesogens?. <i>Tetrahedron</i> , 2004, 60, 3283-3291.	1.9	15
106	Emission properties of a highly fluorescent pyrene dye in solution and in the liquid state. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 178, 251-257.	3.9	14
107	High Mobility in Solution-Processed 2,7-Dialkyl[1]benzothieno[3,2-b]thiophene-Based Field-Effect Transistors Prepared with a Simplified Deposition Method. <i>ChemPlusChem</i> , 2014, 79, 371-374.	2.8	14
108	Thermal conductivity of benzothieno-benzothiophene derivatives at the nanoscale. <i>Nanoscale</i> , 2021, 13, 3800-3807.	5.6	12

#	ARTICLE	IF	CITATIONS
109	Femtosecond Charge Transfer in Assemblies of Discotic Liquid Crystals. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15784-15790.	3.1	11
110	Effects of temperature on the polymorphism of 1,4-bis(2-octyldodecyl)benzothienobenzothiophene in thin films. <i>Journal of Crystal Growth</i> , 2014, 386, 128-134.	1.5	11
111	Band Transport and Trapping in Didodecyl[1]benzothieno[3,2-b][1]benzothiophene Probed by Terahertz Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5444-5449.	4.6	11
112	Alkyl chain assisted thin film growth of 2,7-dioctyloxy-benzothienobenzothiophene. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8477-8484.	5.5	11
113	Thermal Properties, Molecular Structure, and Thin-Film Organic Semiconductor Crystallization. <i>Journal of Physical Chemistry C</i> , 2020, 124, 27213-27221.	3.1	11
114	Polymorphism of terthiophene with surface confinement. <i>IUCr</i> , 2018, 5, 304-308.	2.2	11
115	From 2D to 3D: Bridging Self-Assembled Monolayers to a Substrate-Induced Polymorph in a Molecular Semiconductor. <i>Chemistry of Materials</i> , 2022, 34, 2238-2248.	6.7	11
116	Charge transfer complexes of a benzothienobenzothiophene derivative and their implementation as active layer in solution-processed thin film organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7319-7328.	5.5	11
117	Quaterthiophene-based dimers containing an ethylene bridge: molecular design, synthesis, and optoelectronic properties. <i>Tetrahedron</i> , 2012, 68, 349-355.	1.9	10
118	[1]Benzothieno[3,2-b]benzothiophene (BTBT) derivatives: Influence in the molecular orientation and charge delocalization dynamics. <i>Materials Chemistry and Physics</i> , 2019, 221, 295-300.	4.0	10
119	Mesomorphism of dialkylterthiophene homologues. <i>Synthetic Metals</i> , 2009, 159, 1319-1324.	3.9	9
120	Substrate-induced phases: transition from a liquid-crystalline to a plastic crystalline phase via nucleation initiated by the substrate. <i>Liquid Crystals</i> , 2014, 41, 302-309.	2.2	9
121	Organized photochromic azo-polymeric structures: self-assembled and Langmuir-Blodgett-Kuhn layers. <i>Synthetic Metals</i> , 1996, 81, 281-285.	3.9	8
122	Impact of Silicone-Based Block Copolymer Surfactants on the Surface and Bulk Microscopic Organization of a Biodegradable Polymer, Poly( $\epsilon$ -caprolactone). <i>Biomacromolecules</i> , 2003, 4, 696-703.	5.4	8
123	The Influence of Alkoxy Substitutions on the Properties of Diketopyrrolopyrrole-Phenyl Copolymers for Solar Cells. <i>Materials</i> , 2013, 6, 3022-3034.	2.9	8
124	Organic ferroelectric/semiconducting nanowire hybrid layer for memory storage. <i>Nanoscale</i> , 2016, 8, 5968-5976.	5.6	8
125	Substrate-Induced Phase of a Benzothiophene Derivative Detected by Infrared and Lattice Phonon Raman Spectroscopy. <i>ChemPhysChem</i> , 2018, 19, 993-1000.	2.1	8
126	Accessing Phase-Pure and Stable Acetaminophen Polymorphs by Thermal Gradient Crystallization. <i>Crystal Growth and Design</i> , 2018, 18, 1272-1277.	3.0	8



#	ARTICLE	IF	CITATIONS
127	Deracemization in a Complex Quaternary System with a Second-Order Asymmetric Transformation by Using Phase Diagram Studies. <i>Chemistry - A European Journal</i> , 2019, 25, 13890-13898.	3.3	8
128	Directional Crystallization from the Melt of an Organic p-Type and n-Type Semiconductor Blend. <i>Crystal Growth and Design</i> , 2021, 21, 5231-5239.	3.0	8
129	STM Investigation of Alkylated Thiotriphenylene Monolayers at the Solid-Liquid Interface: Structure and Dynamics. <i>Australian Journal of Chemistry</i> , 2006, 59, 376.	0.9	7
130	Donor/acceptor-substituted anthradithiophene materials: synthesis, optical and electrochemical properties. <i>Tetrahedron</i> , 2011, 67, 7156-7161.	1.9	7
131	Self-Assembly of Alkyl-Substituted Oligothiophenes on MoS <sub>2</sub> : A Joint Experimental/Theoretical Study. <i>Journal of Physical Chemistry C</i> , 2013, 117, 21743-21751.	3.1	7
132	Investigation of the Q <sub>x</sub> -Q <sub>y</sub> Equilibrium in a Metal-Free Phthalocyanine. <i>ChemPhysChem</i> , 2015, 16, 3992-3996.	2.1	7
133	Crystal Growth Alignment of $\hat{I}^2$ -Polymorph of Resorcinol in Thermal Gradient. <i>Crystal Growth and Design</i> , 2018, 18, 2681-2689.	3.0	7
134	Effect of the Organic Semiconductor Side Groups on the Structural and Electronic Properties of Their Interface with Dopants. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 57578-57586.	8.0	7
135	Insight from electron density and energy framework analysis on the structural features of F <sub>x</sub> -TCNQ (x = 0, 2, 4) family of molecules. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 71-78.	1.1	7
136	Doping and photo-induced current in discotic liquid crystals thin films: Long-time and temperature effects. <i>Organic Electronics</i> , 2011, 12, 851-856.	2.6	6
137	Oxacycle-Fused [1]Benzothieno[3,2-b][1]benzothiophene Derivatives: Synthesis, Electronic Structure, Electrochemical Properties, Ionisation Potential, and Crystal Structure. <i>ChemPlusChem</i> , 2019, 84, 1263-1269.	2.8	6
138	Discovering Crystal Forms of the Novel Molecular Semiconductor OEG-BTBT. <i>Crystal Growth and Design</i> , 2022, 22, 1680-1690.	3.0	6
139	Dinaphthotetrathienoacenes: Synthesis, Characterization, and Applications in Organic Field-Effect Transistors. <i>Advanced Science</i> , 2022, 9, e2105674.	11.2	6
140	Phase Transition toward a Thermodynamically Less Stable Phase: Cross-Nucleation due to Thin Film Growth of a Benzothieno-benzothiophene Derivative. <i>Journal of Physical Chemistry C</i> , 2021, 125, 28039-28047.	3.1	6
141	Terthiophene Functionalized Conjugated Triarm Polymers Containing Poly(fluorene-2,7-vinylene) Arms Having Different Cores-Synthesis and Their Unique Optical Properties. <i>ACS Omega</i> , 2018, 3, 5052-5063.	3.5	5
142	Structural Evolution of an Organic Semiconducting Molecule onto a Soft Substrate. <i>ChemPhysChem</i> , 2016, 17, 1174-1179.	2.1	4
143	Stabilization of the Metastable Form I of Piracetam by Crystallization on Silicon Oxide Surfaces. <i>Crystal Growth and Design</i> , 2018, 18, 4123-4129.	3.0	4
144	Exhaustive One-Step Bridgehead Methylation of Adamantane Derivatives with Tetramethylsilane. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5227-5237.	2.4	4

#	ARTICLE	IF	CITATIONS
145	Chemical Modifications Suppress Anharmonic Effects in the Lattice Dynamics of Organic Semiconductors. ACS Materials Au, 0, , .	6.0	4
146	Anthradithiophene Derivatives Substituted at the 2,8-Positions by Formyl and Triphenylamine Units: Synthesis, Optical, and Electrochemical Properties. European Journal of Organic Chemistry, 2011, 2011, 3131-3136.	2.4	3
147	Self-assembled $\pi$ -conjugated organic nanoplates: from hexagonal to triangular motifs. RSC Advances, 2016, 6, 44921-44931.	3.6	3
148	1D-Confinement Inhibits the Anomaly in Secondary Relaxation of a Fluorinated Polymer. ACS Macro Letters, 2021, 10, 649-653.	4.8	3
149	Memory Effect and Crystallization of ( <i>R</i> , <i>S</i> )-2-Chloromandelic Acid Glass. Journal of Physical Chemistry B, 2021, 125, 13339-13347.	2.6	3
150	Engineering of a kinetically driven phase of phenoxazine by surface crystallisation. CrystEngComm, 2022, 24, 4921-4931.	2.6	3
151	Bridged 3,3'-didodecylquaterthiophene-based dimers: design, synthesis, and optoelectronic properties. Tetrahedron, 2012, 68, 5599-5605.	1.9	2
152	$\pi$ -Conjugated Organosilica Semiconductors: Toward Robust Organic Electronics. Advanced Electronic Materials, 2017, 3, 1700218.	5.1	2
153	Deracemization in a Complex Quaternary System with a Second-Order Asymmetric Transformation by Using Phase Diagram Studies. Chemistry - A European Journal, 2019, 25, 13837-13837.	3.3	2
154	Molecular Packing of Phenoxazine: A Combined Single-Crystal/Crystal Structure Prediction Study. Crystal Growth and Design, 0, , .	3.0	1
155	Synthesis and Structural Properties of Adamantane-Substituted Amines and Amides Containing an Additional Adamantane, Azaadamantane or Diamantane Moiety. ChemistryOpen, 2022, 11, e202200031.	1.9	1
156	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		