

# Zi-Tong Liu

## List of Publications by Year in descending order

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124  
papers

4,112  
citations

117625

34  
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138484

58  
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128  
all docs

128  
docs citations

128  
times ranked

4490  
citing authors

#	ARTICLE	IF	CITATIONS
1	N-Aryl diketopyrrolopyrrole derivatives towards organic optical and electronic materials. Chinese Chemical Letters, 2023, 34, 107687.	9.0	3
2	The Control of Intramolecular Through-Bond and Through-Space Coupling in Single-Molecule Junctions. CCS Chemistry, 2022, 4, 713-721.	7.8	17
3	Recent progress in small-molecule donors for non-fullerene all-small-molecule organic solar cells. Nano Select, 2022, 3, 233-247.	3.7	17
4	Recent progress in organic field-effect transistor-based chem/bio-sensors. View, 2022, 3, .	5.3	31
5	Side-Chain Engineering of Conjugated Polymers for High-Performance Organic Field-Effect Transistors. Journal of Physical Chemistry Letters, 2022, 13, 1131-1146.	4.6	29
6	Accurate Single-Molecule Kinetic Isotope Effects. Journal of the American Chemical Society, 2022, , .	13.7	8
7	Monoazadichalcogenasumanenes: Synthesis, Structures, and Ring Reconstruction via Atom Transfer under Acidic Conditions. Angewandte Chemie - International Edition, 2022, 61, .	13.8	12
8	A Dual Functional Diketopyrrolopyrrole-Based Conjugated Polymer as Single Component Semiconducting Photoresist by Appending Azide Groups in the Side Chains. Advanced Science, 2022, 9, e2106087.	11.2	15
9	Marriage of Heterobuckybowls with Triptycene: Molecular Waterwheels for Separating C <sub>60</sub> and C <sub>70</sub> . Chemistry - A European Journal, 2022, 28, .	3.3	7
10	Monoazadichalcogenasumanenes: Synthesis, Structures, and Ring Reconstruction via Atom Transfer under Acidic Conditions. Angewandte Chemie, 2022, 134, .	2.0	4
11	Vinylene Flanked Naphtho[1,2-c:5,6-c']bis[1,2,5]thiadiazole Polymer for Low-Crystallinity Ambipolar Transistors. Macromolecules, 2022, 55, 331-337.	4.8	2
12	Strain of Supramolecular Interactions in Single-Stacking Junctions. Angewandte Chemie, 2022, 134, .	2.0	4
13	Strain of Supramolecular Interactions in Single-Stacking Junctions. Angewandte Chemie - International Edition, 2022, 61, .	13.8	10
14	Aggregation induced emission enhancement and chromism properties of a vinyl bridged naphthalene diimide dimer. Dyes and Pigments, 2022, 203, 110330.	3.7	3
15	Organic crystalline monolayers for ideal behaviours in organic field-effect transistors. Journal of Materials Chemistry C, 2021, 9, 12057-12062.	5.5	3
16	Keep glowing and going: recent progress in diketopyrrolopyrrole synthesis towards organic optoelectronic materials. Organic Chemistry Frontiers, 2021, 8, 4560-4581.	4.5	31
17	Transforming electron-rich hetero-buckybowls into electron-deficient polycycles. Organic Chemistry Frontiers, 2021, 8, 4767-4776.	4.5	9
18	Electrostatic gating of single-molecule junctions based on the STM-BJ technique. Nanoscale, 2021, 13, 7600-7605.	5.6	16

#	ARTICLE	IF	CITATIONS
19	Subtle Side Chain Triggers Unexpected Two-Channel Charge Transport Property Enabling 80% Fill Factors and Efficient Thick-Film Organic Photovoltaics. <i>Innovation(China)</i> , 2021, 2, 100090.	9.1	40
20	Dynamics in Electronically Excited States of Diketopyrrolopyrrole- <i>Thiophene</i> Conjugated Polymer Thin Films. <i>Journal of Physical Chemistry C</i> , 2021, 125, 5572-5580.	3.1	4
21	New Synthetic Approaches to <i>N</i> -Aryl and <i>Expanded</i> Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10700-10708.	13.8	33
22	New Synthetic Approaches to <i>N</i> -Aryl and <i>Expanded</i> Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials. <i>Angewandte Chemie</i> , 2021, 133, 10795-10803.	2.0	3
23	Innentitelbild: New Synthetic Approaches to <i>N</i> -Aryl and <i>Expanded</i> Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials ( <i>Angew. Chem.</i> 19/2021). <i>Angewandte Chemie</i> , 2021, 133, 10526-10526.	2.0	0
24	Sub-5 nm single crystalline organic <i>pn</i> heterojunctions. <i>Nature Communications</i> , 2021, 12, 2774.	12.8	39
25	Simultaneous Incorporation of Two Types of Azo-Groups in the Side Chains of a Conjugated <i>D</i> -A Polymer for Logic Control of the Semiconducting Performance by Light Irradiation. <i>Advanced Materials</i> , 2021, 33, e2005613.	21.0	23
26	Electric field-catalyzed single-molecule Diels-Alder reaction dynamics. <i>Science Advances</i> , 2021, 7, .	10.3	51
27	Single-Molecule Charge-Transport Modulation Induced by Steric Effects of Side Alkyl Chains. <i>ChemPhysChem</i> , 2021, 22, 2573-2578.	2.1	5
28	Conformation and Quantum-Interference-Enhanced Thermoelectric Properties of Diphenyl Diketopyrrolopyrrole Derivatives. <i>ACS Sensors</i> , 2021, 6, 470-476.	7.8	10
29	Efficient Construction of Near-Infrared Absorption Donor-Acceptor Copolymers with and without Pt(II)-Incorporation toward Broadband Nonlinear Optical Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 2944-2951.	8.0	29
30	Dicyclohepta[ <i>ijkl</i> ], <i>uvw</i> x]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Non-benzenoid Nanographene. <i>Angewandte Chemie</i> , 2020, 132, 3557-3561.	2.0	33
31	Dicyclohepta[ <i>ijkl</i> ], <i>uvw</i> x]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Non-benzenoid Nanographene. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3529-3533.	13.8	82
32	Structure-Independent Conductance of Thiophene-Based Single-Stacking Junctions. <i>Angewandte Chemie</i> , 2020, 132, 3306-3312.	2.0	10
33	Structure-Independent Conductance of Thiophene-Based Single-Stacking Junctions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3280-3286.	13.8	58
34	Unconventional Transformation of the Two Carbonyl Groups in 4,4',5,5'-Tetrachloro-10 <i>H</i> ,10'- <i>H</i> -[9,9'-bianthracenylidene]-10,10'-dione into Diallenes. <i>Organic Letters</i> , 2020, 22, 8629-8633.	Organic	2
35	Diketopyrrolopyrrole based donor-acceptor <i>π</i> -conjugated copolymers with near-infrared absorption for 532 and 1064 nm nonlinear optical materials. <i>Journal of Materials Chemistry C</i> , 2020, 8, 12993-13000.	5.5	23
36	Selenophene-Flanked Diketopyrrolopyrrole Based Conjugated Polymers for Ambipolar Field-Effect Transistors. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1075-1080.	4.9	10

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37	A Conjugated Polymer Containing Arylazopyrazole Units in the Side Chains for Field-Effect Transistors Optically Tunable by Near Infra-Red Light. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13844-13851.	13.8	21
38	A Conjugated Polymer Containing Arylazopyrazole Units in the Side Chains for Field-Effect Transistors Optically Tunable by Near Infra-Red Light. <i>Angewandte Chemie</i> , 2020, 132, 13948-13955.	2.0	6
39	Half-Fused Diketopyrrolopyrrole-Based Conjugated Donor-Acceptor Polymer for Ambipolar Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2020, 30, 1910235.	14.9	39
40	New fused conjugated molecules with fused thiophene and pyran units for organic electronic materials. <i>RSC Advances</i> , 2020, 10, 12378-12383.	3.6	4
41	Nanococktail Based on AlEgens and Semiconducting Polymers: A Single Laser Excited Image-Guided Dual Photothermal Therapy. <i>Theranostics</i> , 2020, 10, 2260-2272.	10.0	32
42	Multi-Stimuli-Responsive Field-Effect Transistor with Conjugated Polymer Entailing Spiropyran in the Side Chains. <i>CCS Chemistry</i> , 2020, 2, 632-641.	7.8	12
43	Multi-Stimuli-Responsive Field-Effect Transistor with Conjugated Polymer Entailing Spiropyran in the Side Chains. <i>CCS Chemistry</i> , 2020, 2, 632-641.	7.8	4
44	Semiconducting Nanocomposite with AlEgen-Triggered Enhanced Photoluminescence and Photodegradation for Dual-Modality Tumor Imaging and Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1903733.	14.9	22
45	Selenium-Substituted Diketopyrrolopyrrole Polymer for High-Performance p-Type Organic Thermoelectric Materials. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18994-18999.	13.8	136
46	Selenium-Substituted Diketopyrrolopyrrole Polymer for High-Performance p-Type Organic Thermoelectric Materials. <i>Angewandte Chemie</i> , 2019, 131, 19170-19175.	2.0	18
47	Field-Effect Transistors: Photo-/Thermal-Responsive Field-Effect Transistor upon Blending Polymeric Semiconductor with Hexaarylbiimidazole toward Photonically Programmable and Thermally Erasable Memory Device ( <i>Adv. Mater.</i> 44/2019). <i>Advanced Materials</i> , 2019, 31, 1970315.	21.0	2
48	Photo-/Thermal-Responsive Field-Effect Transistor upon Blending Polymeric Semiconductor with Hexaarylbiimidazole toward Photonically Programmable and Thermally Erasable Memory Device. <i>Advanced Materials</i> , 2019, 31, e1902576.	21.0	36
49	The Effects of Side Chains on the Charge Mobilities and Functionalities of Semiconducting Conjugated Polymers beyond Solubilities. <i>Advanced Materials</i> , 2019, 31, e1903104.	21.0	153
50	Strong Near-Infrared Solid Emission and Enhanced N-Type Mobility for Poly(naphthalene Diimide) Vinylene by a Random Polymerization Strategy. <i>Macromolecules</i> , 2019, 52, 8332-8338.	4.8	8
51	Optically Tunable Field Effect Transistors with Conjugated Polymer Entailing Azobenzene Groups in the Side Chains. <i>Advanced Functional Materials</i> , 2019, 29, 1807176.	14.9	46
52	Conjugated Semiconducting Polymer with Thymine Groups in the Side Chains: Charge Mobility Enhancement and Application for Selective Field-Effect Transistor Sensors toward CO and H <sub>2</sub> S. <i>Chemistry of Materials</i> , 2019, 31, 1800-1807.	6.7	62
53	Improving the Electronic Transporting Property for Flexible Field-Effect Transistors with Naphthalene Diimide-Based Conjugated Polymer through Branching/Linear Side-Chain Engineering Strategy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 15837-15844.	8.0	32
54	Light-Driven Reversible Intermolecular Proton Transfer at Single-Molecule Junctions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3829-3833.	13.8	60

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55	Light-Driven Reversible Intermolecular Proton Transfer at Single-Molecule Junctions. <i>Angewandte Chemie</i> , 2019, 131, 3869-3873.	2.0	15
56	Synthesis of Heterocyclic Core-Expanded Bis-Naphthalene Tetracarboxylic Diimides. <i>Organic Letters</i> , 2019, 21, 9734-9737.	4.6	13
57	Titelbild: Selenium-Substituted Diketopyrrolopyrrole Polymer for High-Performance p-Type Organic Thermoelectric Materials ( <i>Angew. Chem.</i> 52/2019). <i>Angewandte Chemie</i> , 2019, 131, 18893-18893.	2.0	1
58	An A-D-A Conjugated Molecule Entailing Diazapentalene Unit for an n-Type Organic Semiconductor. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1712-1716.	3.3	1
59	Charge Mobility Enhancement for Conjugated DPP-Selenophene Polymer by Simply Replacing One Bulky Branching Alkyl Chain with Linear One at Each DPP Unit. <i>Chemistry of Materials</i> , 2018, 30, 3090-3100.	6.7	107
60	Highly Sensitive Field-Effect Ammonia/Amine Sensors with Low Driving Voltage Based on Low Bandgap Polymers. <i>Advanced Electronic Materials</i> , 2018, 4, 1800025.	5.1	18
61	A vinyl flanked difluorobenzothiadiazole-dithiophene conjugated polymer for high performance organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1774-1779.	5.5	9
62	Direct single-molecule dynamic detection of chemical reactions. <i>Science Advances</i> , 2018, 4, eaar2177.	10.3	78
63	Pechmann Dye-Based Molecules Containing Fluorobenzene Moieties for Ambipolar Organic Semiconductors. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 592-597.	2.7	9
64	Conjugated D-A terpolymers for organic field-effect transistors and solar cells. <i>Polymer Journal</i> , 2018, 50, 21-31.	2.7	23
65	Side-chain effect of perylene diimide tetramer-based non-fullerene acceptors for improving the performance of organic solar cells. <i>Materials Chemistry Frontiers</i> , 2018, 2, 2104-2108.	5.9	13
66	A Facile Approach to Improve Interchain Packing Order and Charge Mobilities by Self-Assembly of Conjugated Polymers on Water. <i>Advanced Science</i> , 2018, 5, 1801497.	11.2	35
67	Modification of Side Chains of Conjugated Molecules and Polymers for Charge Mobility Enhancement and Sensing Functionality. <i>Accounts of Chemical Research</i> , 2018, 51, 1422-1432.	15.6	119
68	Improving Ambipolar Semiconducting Properties of Thiazole-Flanked Diketopyrrolopyrrole-Based Terpolymers by Incorporating Urea Groups in the Side-Chains. <i>Macromolecules</i> , 2018, 51, 6003-6010.	4.8	30
69	Dibenzothiophene-S,S'-Dioxide-Based Conjugated Polymers: Highly Efficient Photocatalysts for Hydrogen Production from Water under Visible Light. <i>Small</i> , 2018, 14, e1801839.	10.0	96
70	Vinylene spacer effects of benzothiadiazole-quartherthiophene based conjugated polymers on transistor mobilities. <i>New Journal of Chemistry</i> , 2018, 42, 15372-15378.	2.8	5
71	Stereoelectronic Effect-Induced Conductance Switching in Aromatic Chain Single-Molecule Junctions. <i>Nano Letters</i> , 2017, 17, 856-861.	9.1	76
72	A New Benzodithiophene-Based Cruciform Electron-Donor-Acceptor Molecule with Ambipolar/Photoresponsive Semiconducting and Red-Light-Emissive Properties. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1277-1284.	2.7	4

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73	Diketopyrrolopyrrole-Based Conjugated Polymer Entailing Triethylene Glycols as Side Chains with High Thin-Film Charge Mobility without Post-Treatments. <i>Advanced Science</i> , 2017, 4, 1700048.	11.2	58
74	Diketopyrrolopyrrole-Based Semiconducting Polymer with Both Hydrophobic Alkyl and Hydrophilic Tetraethylene Glycol Chains for Monolayer Transistor and Sensing Application. <i>Advanced Electronic Materials</i> , 2017, 3, 1700120.	5.1	28
75	Poly(naphthalene diimide) vinylene: solid state red emission and semiconducting properties for transistors. <i>Chemical Communications</i> , 2017, 53, 4934-4937.	4.1	21
76	1,6- and 2,7-trans-Styryl Substituted Pyrenes Exhibiting Both Emissive and Semiconducting Properties in the Solid State. <i>Chemistry of Materials</i> , 2017, 29, 3580-3588.	6.7	63
77	Charge mobility enhancement for diketopyrrolopyrrole-based conjugated polymers by partial replacement of branching alkyl chains with linear ones. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2547-2553.	5.9	39
78	Protonation tuning of quantum interference in azulene-type single-molecule junctions. <i>Chemical Science</i> , 2017, 8, 7505-7509.	7.4	58
79	Multi-vinyl linked benzothiadiazole conjugated polymers: high performance, low crystalline material for transistors. <i>Chemical Communications</i> , 2017, 53, 8176-8179.	4.1	8
80	Excitation Energy Transfer in meta-Substituted Phenylacetylene Multibranched Chromophores. <i>Chemistry - an Asian Journal</i> , 2016, 11, 2741-2748.	3.3	10
81	Thieno[3,4-c]Pyrrole-4,6-dione and Dithiophene-Based Conjugated Polymer for Organic Field Effect Transistors: High Mobility Induced by Synergic Effect of H-Bond and Vinyl Linkage. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1357-1363.	3.9	7
82	Conjugated donor-acceptor terpolymers entailing the Pechmann dye and dithienyl-diketopyrrolopyrrole as co-electron acceptors: tuning HOMO/LUMO energies and photovoltaic performances. <i>Polymer Chemistry</i> , 2016, 7, 3838-3847.	3.9	14
83	Conjugated terpolymers synthesized by incorporating anthracene units into the backbones of the diketopyrrolopyrrole-based polymers as electron donors for photovoltaic cells. <i>Polymer Chemistry</i> , 2016, 7, 6798-6804.	3.9	5
84	Conjugated Donor-Acceptor Polymers Entailing Pechmann Dye-Derived Acceptor with Siloxane-Terminated Side Chains Exhibiting Balanced Ambipolar Semiconducting Behavior. <i>Macromolecules</i> , 2016, 49, 5857-5865.	4.8	34
85	Conjugated Random Donor-Acceptor Copolymers of [1]Benzothieno[3,2-b]benzothiophene and Diketopyrrolopyrrole Units for High Performance Polymeric Semiconductor Applications. <i>Macromolecules</i> , 2016, 49, 6334-6342.	4.8	30
86	Remarkable enhancement of charge carrier mobility of conjugated polymer field-effect transistors upon incorporating an ionic additive. <i>Science Advances</i> , 2016, 2, e1600076.	10.3	139
87	The adjustment of bandgap and coplanarity of diketopyrrolopyrrole-based copolymers through fine-tuning of the conjugated backbones and applications in thin film field effect transistors. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9359-9365.	5.5	11
88	Recent developments of di-amide/imide-containing small molecular non-fullerene acceptors for organic solar cells. <i>Chinese Chemical Letters</i> , 2016, 27, 1283-1292.	9.0	19
89	Macromol. Rapid Commun. 16/2016. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1384-1384.	3.9	0
90	Molecular Materials That Can Both Emit Light and Conduct Charges: Strategies and Perspectives. <i>Chemistry - A European Journal</i> , 2016, 22, 462-471.	3.3	43



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91	New $\pi$ -conjugated polymers as acceptors designed for all polymer solar cells based on imide/amide-derivatives. <i>Journal of Materials Chemistry C</i> , 2016, 4, 185-192.	5.5	39
92	Significant Improvement of Semiconducting Performance of the Diketopyrrolopyrrole-Quaterthiophene Conjugated Polymer through Side-Chain Engineering via Hydrogen-Bonding. <i>Journal of the American Chemical Society</i> , 2016, 138, 173-185.	13.7	262
93	Highly Sensitive Thin-Film Field-Effect Transistor Sensor for Ammonia with the DPP-Bithiophene Conjugated Polymer Entailing Thermally Cleavable <i>tert</i> -Butoxy Groups in the Side Chains. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 3635-3643.	8.0	107
94	A fluorescent turn-on low dose detection of gamma-radiation based on aggregation-induced emission. <i>Chemical Communications</i> , 2015, 51, 3892-3895.	4.1	51
95	Modulating carrier transfer ability—linker effect on thieno[3,4-c]pyrrole-4,6-dione based conjugated polymers. <i>RSC Advances</i> , 2015, 5, 55619-55624.	3.6	16
96	New conjugated molecules with four DPP (diketopyrrolopyrrole) moieties linked by [2,2]paracyclophane as electron acceptors for organic photovoltaic cells. <i>New Journal of Chemistry</i> , 2015, 39, 6421-6427.	2.8	7
97	Tuning the Semiconducting Behaviors of New Alternating Dithienyldiketopyrrolopyrrole-Azulene Conjugated Polymers by Varying the Linking Positions of Azulene. <i>Macromolecules</i> , 2015, 48, 2039-2047.	4.8	76
98	A Cruciform Electron Donor-Acceptor Semiconductor with Solid-State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of $H_2S$ Gas. <i>Advanced Functional Materials</i> , 2014, 24, 4250-4258.	14.9	96
99	New Organic Semiconductors with Imide/Amide-Containing Molecular Systems. <i>Advanced Materials</i> , 2014, 26, 6965-6977.	21.0	183
100	New Conjugated Molecules with Two and Three Dithienyldiketopyrrolopyrrole (DPP) Moieties Substituted at <i>meta</i> Positions of Benzene toward $p$ - and $n$ -Type Organic Photovoltaic Materials. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1570-1578.	3.3	18
101	Extended Conjugated Donor-Acceptor Molecules with <i>E</i> -(1,2-difluorovinyl) and Diketopyrrolopyrrole (DPP) Moieties toward High-Performance Ambipolar Organic Semiconductors. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1068-1075.	3.3	29
102	Alternating Conjugated Electron Donor-Acceptor Polymers Entailing Pechmann Dye Framework as the Electron Acceptor Moieties for High Performance Organic Semiconductors with Tunable Characteristics. <i>Macromolecules</i> , 2014, 47, 2899-2906.	4.8	54
103	Conjugated electron donor-acceptor molecules with (E)-[4,4'-biimidazolyldiene]-5,5'- $(1H,1'H)$ -dione for new organic semiconductors. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1149-1157.	5.5	7
104	Donor-Acceptor Molecules: A Cruciform Electron Donor-Acceptor Semiconductor with Solid-State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of $H_2S$ Gas (Adv. Funct. Mater. 27/2014). <i>Advanced Functional Materials</i> , 2014, 24, 4376-4376.	14.9	1
105	New dithienyl-diketopyrrolopyrrole-based conjugated molecules entailing electron withdrawing moieties for organic ambipolar semiconductors and photovoltaic materials. <i>Journal of Materials Chemistry C</i> , 2014, 2, 10101-10109.	5.5	27
106	New conjugated molecular scaffolds based on [2,2]paracyclophane as electron acceptors for organic photovoltaic cells. <i>Chemical Communications</i> , 2014, 50, 9939-9942.	4.1	40
107	Electronic tuning effects via cyano substitution of a fused tetrathiafulvalene-benzothiadiazole dyad for ambipolar transport properties. <i>RSC Advances</i> , 2014, 4, 2873-2878.	3.6	26
108	Ambipolar charge-transport property for the $\pi$ -A complex with naphthalene diimide motif. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2869-2876.	5.5	34

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109	Arylacetylene-Substituted Naphthalene Diimides with Dual Functions: Optical Waveguides and n-Type Semiconductors. Chemistry - an Asian Journal, 2014, 9, 3207-3214.	3.3	30
110	Extended Conjugated Polymers Entailing Pechmann Dye Moieties for Solution-Processed Ambipolar Organic Semiconductors. Chinese Journal of Chemistry, 2014, 32, 788-796.	4.9	14
111	Alternating Electron Donor-Acceptor Conjugated Polymers Based on Modified Naphthalene Diimide Framework: The Large Enhancement of p-Type Semiconducting Performance upon Solvent Vapor Annealing. Macromolecules, 2013, 46, 5504-5511.	4.8	25
112	New core-expanded naphthalene diimides with different functional groups for air-stable solution-processed organic n-type semiconductors. New Journal of Chemistry, 2013, 37, 1720.	2.8	19
113	Solution-processed core-extended naphthalene diimides toward organic n-type and ambipolar semiconductors. Journal of Materials Chemistry C, 2013, 1, 2688.	5.5	29
114	Dithiazole-fused naphthalene diimides toward new n-type semiconductors. Journal of Materials Chemistry C, 2013, 1, 1087-1092.	5.5	48
115	New Donor-Acceptor-Donor Molecules with Pechmann Dye as the Core Moiety for Solution-Processed Good-Performance Organic Field-Effect Transistors. Chemistry of Materials, 2013, 25, 471-478.	6.7	81
116	Extended $\pi$ -Conjugated Molecules Derived from Naphthalene Diimides toward Organic Emissive and Semiconducting Materials. Journal of Organic Chemistry, 2013, 78, 2926-2934.	3.2	48
117	New alternating electron donor-acceptor conjugated polymers entailing (E)-[4,4'-biimidazolylidene]-5,5'-(1H,1'-dione moieties. Polymer Chemistry, 2013, 4, 5283.	3.9	19
118	Thiepin-Fused Heteroacenes: Simple Synthesis, Unusual Structure, and Semiconductors with Less Anisotropic Behavior. Chemistry - A European Journal, 2013, 19, 14573-14580.	3.3	14
119	Responsive Gels with the Polymer Containing Alternating Naphthalene Diimide and Fluorinated Alkyl Chains: Gel Formation and Responsiveness as Well as Electrical Conductivity of Polymer Thin Films. Chinese Journal of Chemistry, 2012, 30, 1453-1458.	4.9	6
120	A facile and convenient fluorescence detection of gamma-ray radiation based on the aggregation-induced emission. Journal of Materials Chemistry, 2011, 21, 14487.	6.7	55
121	Synthesis and chiroptical properties of chiral binaphthyl-containing polyfluorene derivatives. Journal of Polymer Science Part A, 2011, 49, 680-689.	2.3	5
122	Synthesis, optical properties, and spectral stability of chiral dendronized binaphthyl-containing polyfluorene derivatives. Journal of Polymer Science Part A, 2008, 46, 886-896.	2.3	13
123	The Synthesis of Dendritic $\beta^2$ -Diketonato Ligands and Their Europium Complexes. European Journal of Organic Chemistry, 2007, 2007, 508-516.	2.4	11
124	A Click Approach to Chiral-Dendronized Polyfluorene Derivatives. Macromolecular Rapid Communications, 2007, 28, 2249-2255.	3.9	14