Guanxin Zhang

List of Publications by Citations

128 papers	6,494 citations	40 h-index	79 g-index
133 ext. papers	7,299 ext. citations	9.2 avg, IF	5.93 L-index

#	Paper	IF	Citations
128	Fluorescent bio/chemosensors based on silole and tetraphenylethene luminogens with aggregation-induced emission feature. *Journal of Materials Chemistry*, **2010**, 20, 1858		751
127	Tetrathiafulvalene (TTF) derivatives: key building-blocks for switchable processes. *Chemical Communications*, **2009**, 2245-69	5.8	466
126	Tuning the singlet-triplet energy gap: a unique approach to efficient photosensitizers with aggregation-induced emission (AIE) characteristics. *Chemical Science*, **2015**, 6, 5824-5830	9.4	308
125	Multistimuli responsive organogels based on a new gelator featuring tetrathiafulvalene and azobenzene groups: reversible tuning of the gel-sol transition by redox reactions and light irradiation. *Journal of the American Chemical Society*, **2010**, 132, 3092-6	16.4	248
124	Targeted bioimaging and photodynamic therapy of cancer cells with an activatable red fluorescent bioprobe. *Analytical Chemistry*, **2014**, 86, 7987-95	7.8	236
123	Stimuli responsive gels based on low molecular weight gelators. *Journal of Materials Chemistry*, **2012**, 22, 38-50		221
122	Significant Improvement of Semiconducting Performance of the Diketopyrrolopyrrole-Quaterthiophene Conjugated Polymer through Side-Chain Engineering via Hydrogen-Bonding. *Journal of the American Chemical Society*, **2016**, 138, 173-85	16.4	211
121	4,5-dimethylthio-4'-[2-(9-anthryloxy)ethylthio]tetrathiafulvalene, a highly selective and sensitive chemiluminescence probe for singlet oxygen. *Journal of the American Chemical Society*, **2004**, 126, 11543-8	16.4	211
120	Polymorphism-Dependent Emission for Di(p-methoxylphenyl)dibenzofulvene and Analogues: Optical Waveguide/Amplified Spontaneous Emission Behaviors. *Advanced Functional Materials*, **2012**, 22, 4862-4872	15.6	203
119	1,3-Dithiole-2-thione derivatives featuring an anthracene unit: new selective chemodosimeters for Hg(II) ion. *Chemical Communications*, **2005**, 2161-3	5.8	187
118	New organic semiconductors with imide/amide-containing molecular systems. *Advanced Materials*, **2014**, 26, 6965-77	24	164
117	Fluorescence turn-on chemosensor for highly selective and sensitive detection and bioimaging of Al(3+) in living cells based on ion-induced aggregation. *Analytical Chemistry*, **2015**, 87, 1470-4	7.8	162
116	A new redox-fluorescence switch based on a triad with tetrathiafulvalene and anthracene units. *Organic Letters*, **2004**, 6, 1209-12	6.2	135
115	Multicolor Tunable Emission from Organogels Containing Tetraphenylethene, Perylenediimide, and Spiropyran Derivatives. *Advanced Functional Materials*, **2010**, 20, 3244-3251	15.6	118
114	Remarkable enhancement of charge carrier mobility of conjugated polymer field-effect transistors upon incorporating an ionic additive. *Science Advances*, **2016**, 2, e1600076	14.3	115
113	The Effects of Side Chains on the Charge Mobilities and Functionalities of Semiconducting Conjugated Polymers beyond Solubilities. *Advanced Materials*, **2019**, 31, e1903104	24	92
112	Modification of Side Chains of Conjugated Molecules and Polymers for Charge Mobility Enhancement and Sensing Functionality. *Accounts of Chemical Research*, **2018**, 51, 1422-1432	24.3	92

111	Highly Sensitive Thin-Film Field-Effect Transistor Sensor for Ammonia with the DPP-Bithiophene Conjugated Polymer Entailing Thermally Cleavable tert-Butoxy Groups in the Side Chains. *ACS Applied Materials & Interfaces*, **2016**, 8, 3635-43	9.5	91
110	Manipulation of the aggregation and deaggregation of tetraphenylethylene and silole fluorophores by amphiphiles: emission modulation and sensing applications. *Langmuir*, **2015**, 31, 4593-604	4	81
109	Tuning the Photoinduced Electron Transfer in a Zr-MOF: Toward Solid-State Fluorescent Molecular Switch and Turn-On Sensor. *Advanced Materials*, **2018**, 30, e1802329	24	81
108	Charge Mobility Enhancement for Conjugated DPP-Selenophene Polymer by Simply Replacing One Bulky Branching Alkyl Chain with Linear One at Each DPP Unit. *Chemistry of Materials*, **2018**, 30, 3090-3100	9.6	80
107	A Cruciform Electron Donor–Acceptor Semiconductor with Solid-State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of H2S Gas. *Advanced Functional Materials*, **2014**, 24, 4250-4258	15.6	77
106	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	9.6	76
105	Aggregation-induced emission nanoparticles as photosensitizer for two-photon photodynamic therapy. *Materials Chemistry Frontiers*, **2017**, 1, 1746-1753	7.8	67
104	Highly solid-state emissive pyridinium-substituted tetraphenylethylene salts: emission color-tuning with counter anions and application for optical waveguides. *Small*, **2015**, 11, 1335-44	11	65
103	New tetrathiafulvalene fused-naphthalene diimides for solution-processible and air-stable p-type and ambipolar organic semiconductors. *Chemical Science*, **2012**, 3, 2530	9.4	60
102	Fluorescent turn-on sensing of bacterial lipopolysaccharide in artificial urine sample with sensitivity down to nanomolar by tetraphenylethylene based aggregation induced emission molecule. *Biosensors and Bioelectronics*, **2016**, 85, 62-67	11.8	58
101	Emissive nanoparticles from pyridinium-substituted tetraphenylethylene salts: imaging and selective cytotoxicity towards cancer cells and by varying counter anions. *Chemical Science*, **2016**, 7, 7013-7019	9.4	56
100	Stereoelectronic Effect-Induced Conductance Switching in Aromatic Chain Single-Molecule Junctions. *Nano Letters*, **2017**, 17, 856-861	11.5	55
99	Alternating Conjugated Electron Donor–Acceptor Polymers Entailing Pechmann Dye Framework as the Electron Acceptor Moieties for High Performance Organic Semiconductors with Tunable Characteristics. *Macromolecules*, **2014**, 47, 2899-2906	5.5	53
98	Tuning the Solid State Emission of the Carbazole and Cyano-Substituted Tetraphenylethylene by Co-Crystallization with Solvents. *Small*, **2016**, 12, 6554-6561	11	49
97	1,6- and 2,7-trans-Styryl Substituted Pyrenes Exhibiting Both Emissive and Semiconducting Properties in the Solid State. *Chemistry of Materials*, **2017**, 29, 3580-3588	9.6	47
96	A facile and convenient fluorescence detection of gamma-ray radiation based on the aggregation-induced emission. *Journal of Materials Chemistry*, **2011**, 21, 14487		47
95	Aggregation-Induced Emission Nanoparticles Encapsulated with PEGylated Nano Graphene Oxide and Their Applications in Two-Photon Fluorescence Bioimaging and Photodynamic Therapy in Vitro and in Vivo. *ACS Applied Materials & Interfaces*, **2018**, 10, 25037-25046	9.5	46
94	AIE-doped poly(ionic liquid) photonic spheres: a single sphere-based customizable sensing platform for the discrimination of multi-analytes. *Chemical Science*, **2017**, 8, 6281-6289	9.4	44

93	Highly Sensitive Chemical-Vapor Sensor Based on Thin-Film Organic Field-Effect Transistors with Benzothiadiazole-Fused-Tetrathiafulvalene. *Advanced Functional Materials*, **2013**, 23, 1671-1676	15.6	44
92	Dithiazole-fused naphthalene diimides toward new n-type semiconductors. *Journal of Materials Chemistry C*, **2013**, 1, 1087-1092	7.1	43
91	Protonation tuning of quantum interference in azulene-type single-molecule junctions. *Chemical Science*, **2017**, 8, 7505-7509	9.4	43
90	Zincke's Salt-Substituted Tetraphenylethylenes for Fluorometric Turn-On Detection of Glutathione and Fluorescence Imaging of Cancer Cells. *ACS Applied Materials & Interfaces*, **2018**, 10, 12141-12149	9.5	43
89	Conjugated Semiconducting Polymer with Thymine Groups in the Side Chains: Charge Mobility Enhancement and Application for Selective Field-Effect Transistor Sensors toward CO and H2S. *Chemistry of Materials*, **2019**, 31, 1800-1807	9.6	41
88	Three-State Single-Molecule Naphthalenediimide Switch: Integration of a Pendant Redox Unit for Conductance Tuning. *Angewandte Chemie - International Edition*, **2015**, 54, 13586-9	16.4	39
87	A New Tetraphenylethylene-Derived Fluorescent Probe for Nitroreductase Detection and Hypoxic-Tumor-Cell Imaging. *Chemistry - an Asian Journal*, **2016**, 11, 2918-2923	4.5	38
86	New air-stable solution-processed organic n-type semiconductors based on sulfur-rich core-expanded naphthalene diimides. *Journal of Materials Chemistry*, **2011**, 21, 18042		38
85	A new tetrathiafulvalene-anthracence dyad fusion with the crown ether group: fluorescence modulation with Na+ and C60, mimicking the performance of an "AND" logic gate. *Journal of Organic Chemistry*, **2006**, 71, 3970-2	4.2	36
84	Optically Tunable Field Effect Transistors with Conjugated Polymer Entailing Azobenzene Groups in the Side Chains. *Advanced Functional Materials*, **2019**, 29, 1807176	15.6	34
83	Self-Assembled Nanostructures Based on Activatable Red Fluorescent Dye for Site-Specific Protein Probing and Conformational Transition Detection. *Analytical Chemistry*, **2016**, 88, 6374-81	7.8	34
82	New π-conjugated polymers as acceptors designed for all polymer solar cells based on imide/amide-derivatives. *Journal of Materials Chemistry C*, **2016**, 4, 185-192	7.1	33
81	Charge mobility enhancement for diketopyrrolopyrrole-based conjugated polymers by partial replacement of branching alkyl chains with linear ones. *Materials Chemistry Frontiers*, **2017**, 1, 2547-2553	7.8	33
80	A selective and sensitive chemiluminescence reaction of 4,4'(5')-bis[2-(9-anthryloxy)ethylthio]tetrathiafulvalene with singlet oxygen. *Chemical Communications*, **2004**, 2072-3	5.8	33
79	Identification of Bacteria in Water by a Fluorescent Array. *Angewandte Chemie*, **2014**, 126, 13954-13959	3.6	31
78	Dicyclohepta[ijkl,uvwx]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Non-benzenoid Nanographene. *Angewandte Chemie - International Edition*, **2020**, 59, 3529-3533	16.4	31
77	Ambipolar charge-transport property for the D-A complex with naphthalene diimide motif. *Journal of Materials Chemistry C*, **2014**, 2, 2869-2876	7.1	29
76	Solution-processed core-extended naphthalene diimides toward organic n-type and ambipolar semiconductors. *Journal of Materials Chemistry C*, **2013**, 1, 2688	7.1	28

75	Pyridinium-Substituted TetraphenylethyleneEntailing Alkyne Moiety: Enhancement of Photosensitizing Efficiency and Antimicrobial Activity. *Chemistry - an Asian Journal*, **2017**, 12, 1013-1019	4.5	27
74	Pyridinium-Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. *Angewandte Chemie - International Edition*, **2020**, 59, 10042-10051	16.4	27
73	A Systematic Strategy of Combinational Blow for Overcoming Cascade Drug Resistance via NIR-Light-Triggered Hyperthermia. *Advanced Materials*, **2021**, 33, e2100599	24	27
72	Extended conjugated donor-acceptor molecules with E-(1,2-difluorovinyl) and diketopyrrolopyrrole (DPP) moieties toward high-performance ambipolar organic semiconductors. *Chemistry - an Asian Journal*, **2014**, 9, 1068-75	4.5	26
71	Arylacetylene-substituted naphthalene diimides with dual functions: optical waveguides and n-type semiconductors. *Chemistry - an Asian Journal*, **2014**, 9, 3207-14	4.5	26
70	Self-assembly of a new C60 compound with a L-glutamid-derived lipid unit: formation of organogels and hierarchically structured spherical particles. *Soft Matter*, **2011**, 7, 3592	3.6	26
69	Improving the Electronic Transporting Property for Flexible Field-Effect Transistors with Naphthalene Diimide-Based Conjugated Polymer through Branching/Linear Side-Chain Engineering Strategy. *ACS Applied Materials & Interfaces*, **2019**, 11, 15837-15844	9.5	25
68	New dithienyl-diketopyrrolopyrrole-based conjugated molecules entailing electron withdrawing moieties for organic ambipolar semiconductors and photovoltaic materials. *Journal of Materials Chemistry C*, **2014**, 2, 10101-10109	7.1	25
67	Improving Ambipolar Semiconducting Properties of Thiazole-Flanked Diketopyrrolopyrrole-Based Terpolymers by Incorporating Urea Groups in the Side-Chains. *Macromolecules*, **2018**, 51, 6003-6010	5.5	22
66	Bioinspired Peptide for Imaging Hg Distribution in Living Cells and Zebrafish Based on Coordination-Mediated Supramolecular Assembling. *Analytical Chemistry*, **2018**, 90, 9708-9715	7.8	22
65	Targeted and imaging-guided in vivo photodynamic therapy for tumors using dual-function, aggregation-induced emission nanoparticles. *Nano Research*, **2018**, 11, 2756-2770	10	22
64	A Facile Approach to Improve Interchain Packing Order and Charge Mobilities by Self-Assembly of Conjugated Polymers on Water. *Advanced Science*, **2018**, 5, 1801497	13.6	22
63	An AIE based tetraphenylethylene derivative for highly selective and light-up sensing of fluoride ions in aqueous solution and in living cells. *RSC Advances*, **2016**, 6, 59400-59404	3.7	21
62	Photo-/Thermal-Responsive Field-Effect Transistor upon Blending Polymeric Semiconductor with Hexaarylbiimidazole toward Photonically Programmable and Thermally Erasable Memory Device. *Advanced Materials*, **2019**, 31, e1902576	24	21
61	New alternating electron donor□cceptor conjugated polymers entailing (E)-[4,4?-biimidazolylidene]-5,5?(1H,1?H)-dione moieties. *Polymer Chemistry*, **2013**, 4, 5283	4.9	19
60	Half-Fused Diketopyrrolopyrrole-Based Conjugated Donor□cceptor Polymer for Ambipolar Field-Effect Transistors. *Advanced Functional Materials*, **2020**, 30, 1910235	15.6	18
59	Tuning the solid-state emission of the analogous GFP chromophore by varying alkyl chains in the imidazolinone ring. *Science China Chemistry*, **2013**, 56, 1197-1203	7.9	18
58	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	3.6	18

57	Modification of the Green Fluorescent Protein Chromophore with Large Aromatic Moieties: Photophysical Study and Solid-State Emission. *Asian Journal of Organic Chemistry*, **2012**, 1, 352-358	3	18
56	Assembly of a tetrathiafulvalene-anthracene dyad on the surfaces of gold nanoparticles: tuning the excited-state properties of the anthracene unit in the dyad. *Chemistry - A European Journal*, **2006**, 12, 1067-73	4.8	18
55	Tetrathiafulvalene (TTF)-based gelators: Stimuli responsive gels and conducting nanostructures. *Science China Chemistry*, **2011**, 54, 596-602	7.9	17
54	A new approach to reduced graphite oxide with tetrathiafulvalene in the presence of metal ions. *Journal of Materials Chemistry*, **2012**, 22, 4391		16
53	Cholesterol-substituted Tetrathiafulvalene (TTF) Compound: Formation of Organogel and Supramolecular Chirality. *Chinese Journal of Chemistry*, **2010**, 28, 622-626	4.9	16
52	Colorimetric detection of glucose and an assay for acetylcholinesterase with amine-terminated polydiacetylene vesicles. *Science Bulletin*, **2011**, 56, 1877-1883		15
51	Dicyclohepta[ijkl,uvwx]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Non-benzenoid Nanographene. *Angewandte Chemie*, **2020**, 132, 3557-3561	3.6	14
50	Conjugated donor□cceptor terpolymers entailing the Pechmann dye and dithienyl-diketopyrrolopyrrole as co-electron acceptors: tuning HOMO/LUMO energies and photovoltaic performances. *Polymer Chemistry*, **2016**, 7, 3838-3847	4.9	14
49	Highly Sensitive Field-Effect Ammonia/Amine Sensors with Low Driving Voltage Based on Low Bandgap Polymers. *Advanced Electronic Materials*, **2018**, 4, 1800025	6.4	13
48	□Extented Conjugated Polymers Entailing Pechmann Dye Moieties for Solution-Processed Ambipolar Organic Semiconductors. *Chinese Journal of Chemistry*, **2014**, 32, 788-796	4.9	13
47	Efficient Construction of Near-Infrared Absorption Donor-Acceptor Copolymers with and without Pt(II)-Incorporation toward Broadband Nonlinear Optical Materials. *ACS Applied Materials & Interfaces*, **2020**, 12, 2944-2951	9.5	13
46	Incorporation of hydrogen-bonding units into polymeric semiconductors toward boosting charge mobility, intrinsic stretchability, and self-healing ability. *SmartMat*, **2021**, 2, 347-366	22.8	13
45	Fluorogenic Enhancement of an in Vitro-Selected Peptide Ligand by Replacement of a Fluorescent Group. *Analytical Chemistry*, **2016**, 88, 7991-7	7.8	12
44	A new gelator based on tetraphenylethylene and diphenylalanine: Gel formation and reversible fluorescence tuning. *Science Bulletin*, **2012**, 57, 4284-4288		12
43	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. *Journal of Materials Chemistry C*, **2016**, 4, 9359-9365	7.1	11
42	Thiepin-fused heteroacenes: simple synthesis, unusual structure, and semiconductors with less anisotropic behavior. *Chemistry - A European Journal*, **2013**, 19, 14573-80	4.8	11
41	Diketopyrrolopyrrole based donor□cceptor □onjugated copolymers with near-infrared absorption for 532 and 1064 nm nonlinear optical materials. *Journal of Materials Chemistry C*, **2020**, 8, 12993-13000	7.1	10
40	New Synthetic Approaches to N-Aryl and □Expanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials. *Angewandte Chemie - International Edition*, **2021**, 60, 10700-10708	16.4	10

39	Ultrasensitive detection of aliphatic nitro-organics based on a "turn-on" fluorescent sensor array. *Science China Chemistry*, **2016**, 59, 89-94	7.9	9
38	Simultaneous Incorporation of Two Types of Azo-Groups in the Side Chains of a Conjugated D-A Polymer for Logic Control of the Semiconducting Performance by Light Irradiation. *Advanced Materials*, **2021**, 33, e2005613	24	9
37	New conjugated molecules with four DPP (diketopyrrolopyrrole) moieties linked by [2,2]paracyclophane as electron acceptors for organic photovoltaic cells. *New Journal of Chemistry*, **2015**, 39, 6421-6427	3.6	7
36	Conjugated electron donor–acceptor molecules with (E)-[4,4?-biimidazolylidene]-5,5?(1H,1?H)-dione for new organic semiconductors. *Journal of Materials Chemistry C*, **2014**, 2, 1149-1157	7.1	7
35	Aggregation-Induced Emission Luminogens for Mitochondria-Targeted Cancer Therapy. *ChemMedChem*, **2020**, 15, 2220-2227	3.7	7
34	Keep glowing and going: recent progress in diketopyrrolopyrrole synthesis towards organic optoelectronic materials. *Organic Chemistry Frontiers*, **2021**, 8, 4560-4581	5.2	7
33	A Conjugated Polymer Containing Arylazopyrazole Units in the Side Chains for Field-Effect Transistors Optically Tunable by Near Infra-Red Light. *Angewandte Chemie - International Edition*, **2020**, 59, 13844-13851	16.4	6
32	Characterizing the Adsorption of Poly(vinyl alcohol) on Colloidal Silica with Aggregation-Induced Emission Fluorophore. *Langmuir*, **2016**, 32, 2145-50	4	6
31	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
30	An Efficient Diazirine-Based Four-Armed Cross-linker for Photo-patterning of Polymeric Semiconductors. *Angewandte Chemie - International Edition*, **2021**, 60, 21521-21528	16.4	6
29	Selenophene-Flanked Diketopyrrolopyrrole Based Conjugated Polymers for Ambipolar Field-Effect Transistors. *Chinese Journal of Chemistry*, **2020**, 38, 1075-1080	4.9	5
28	Inclusion of Tetrachloroquinone and Metal Ions in a Macrotricyclic Molecule with a Tetrathiafulvalene Moiety Prompts Intermolecular Electron Transfer. *Asian Journal of Organic Chemistry*, **2012**, 1, 166-172	3	5
27	Multi-Stimuli-Responsive Field-Effect Transistor with Conjugated Polymer Entailing Spiropyran in the Side Chains. *CCS Chemistry*, **2020**, 2, 632-641	7.2	5
26	Conjugated terpolymers synthesized by incorporating anthracene units into the backbones of the diketopyrrolopyrrole-based polymers as electron donors for photovoltaic cells. *Polymer Chemistry*, **2016**, 7, 6798-6804	4.9	5
25	A New Benzodithiophene-Based Cruciform Electron-Donor–Electron-Acceptor Molecule with Ambipolar/Photoresponsive Semiconducting and Red-Light-Emissive Properties. *Asian Journal of Organic Chemistry*, **2017**, 6, 1277-1284	3	4
24	New fused conjugated molecules with fused thiophene and pyran units for organic electronic materials.. *RSC Advances*, **2020**, 10, 12378-12383	3.7	4
23	2-(4-Pyridyl)imino nitroxide-tetraphenylporphyrin zinc(II): A chemosensing ensemble for nicotine. *Science Bulletin*, **2012**, 57, 1609-1611		4
22	Single-Molecule Charge-Transport Modulation Induced by Steric Effects of Side Alkyl Chains. *ChemPhysChem*, **2021**, 22, 2573	3.2	4

21	A Conjugated Polymer Containing Arylazopyrazole Units in the Side Chains for Field-Effect Transistors Optically Tunable by Near Infra-Red Light. *Angewandte Chemie*, **2020**, 132, 13948-13955	3.6	3
20	A 2,2?-Bipyridyl-Bridged Tetrathiafulvalene-quinone Dyad: Intramolecular Electron-Transfer Promoted by Metal Ions. *Chinese Journal of Chemistry*, **2010**, 28, 1743-1750	4.9	3
19	White Emissions Containing Room Temperature Phosphorescence from Different Excited States of a D-A Molecule Depending on the Aggregate States.. *Advanced Science*, **2021**, e2104539	13.6	3
18	Kinetics of Polymer Desorption from Colloids Probed by Aggregation-Induced Emission Fluorophore. *Langmuir*, **2018**, 34, 7006-7010	4	2
17	Field-Effect Transistors: Photo-/Thermal-Responsive Field-Effect Transistor upon Blending Polymeric Semiconductor with Hexaarylbiimidazole toward Photonically Programmable and Thermally Erasable Memory Device (Adv. Mater. 44/2019). *Advanced Materials*, **2019**, 31, 1970315	24	2
16	Multi-Stimuli-Responsive Field-Effect Transistor with Conjugated Polymer Entailing Spiropyran in the Side Chains. *CCS Chemistry*, **2020**, 2, 632-641	7.2	2
15	Tetrathiafulvalenes as anchors for building highly conductive and mechanically tunable molecular junctions.. *Nature Communications*, **2022**, 13, 1803	17.4	2
14	A highly selective and light-up red emissive fluorescent probe for imaging of penicillin G amidase in Bacillus cereus. *New Journal of Chemistry*, **2019**, 43, 6429-6434	3.6	1
13	Donor–Acceptor Molecules: A Cruciform Electron Donor–Acceptor Semiconductor with Solid-State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of H2S Gas (Adv. Funct. Mater. 27/2014). *Advanced Functional Materials*, **2014**, 24, 4376-4376	15.6	1
12	New Chemo-/Biosensors with Silole and Tetraphenylethene Molecules Based on the Aggregation and Deaggregation Mechanism **2013**, 165-188		1
11	Electroactive Molecules and Supramolecules for Information Processing and Storage **2010**, 447-476		1
10	Unconventional Transformation of the Two Carbonyl Groups in 4,4',5,5'-Tetrachloro-10,10'-[9,9'-bianthracenylidene]-10,10'-dione into Diallenes. *Organic Letters*, **2020**, 22, 8629-8633	6.2	1
9	Crystalline Solids: Tuning the Solid State Emission of the Carbazole and Cyano-Substituted Tetraphenylethylene by Co-Crystallization with Solvents (Small 47/2016). *Small*, **2016**, 12, 6553-6553	11	1
8	An A-D-A'-D-A Conjugated Molecule Entailing Diazapentalene Unit for an n-Type Organic Semiconductor. *Chemistry - an Asian Journal*, **2019**, 14, 1712-1716	4.5	1
7	Enhancing the healing ability and charge transport thermal stability of a diketopyrrolopyrrole based conjugated polymer by incorporating coumarin groups in the side chains. *Journal of Polymer Science*,	2.4	1
6	Dual Modulation of Single Molecule Conductance via Tuning Side Chains and Electric Field with Conjugated Molecules Entailing Intramolecular O Interactions.. *Advanced Science*, **2022**, e2105667	13.6	1
5	New Synthetic Approaches to N-Aryl and Expanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials. *Angewandte Chemie*, **2021**, 133, 10795-10803	3.6	0
4	An Efficient Diazirine-Based Four-Armed Cross-linker for Photo-patterning of Polymeric Semiconductors. *Angewandte Chemie*, **2021**, 133, 21691-21698	3.6	0

3	Photosensitizer with High Efficiency Generated in Cells via Light-Induced Self-Oligomerization of 4,6-Dibromothieno[3,4-b]thiophene Compound Entailing a Triphenyl Phosphonium Group. *Advanced Healthcare Materials*, **2021**, 10, e2100896	10.1	0
2	A Dual Functional Diketopyrrolopyrrole-Based Conjugated Polymer as Single Component Semiconducting Photoresist by Appending Azide Groups in the Side Chains.. *Advanced Science*, **2022**, e2106087	13.6	0
1	Innentitelbild: New Synthetic Approaches to N-Aryl and Expanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials (Angew. Chem. 19/2021). *Angewandte Chemie*, **2021**, 133, 10526-10526	3.6	