

De-Qing Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

235
papers

9,691
citations

47
h-index

90
g-index

387
ext. papers

10,873
ext. citations

7.6
avg, IF

6.38
L-index

#	Paper	IF	Citations
235	Enhancement of the Thermoelectric Performance of n-Type Naphthalene Diimide-Based Conjugated Polymer by Engineering of Side Alkyl Chains 2022 , 4, 521-527		0
234	A Dual Functional Diketopyrrolopyrrole-Based Conjugated Polymer as Single Component Semiconducting Photoresist by Appending Azide Groups in the Side Chains.. <i>Advanced Science</i> , 2022 , e2106087	13.6	0
233	Tetrathiafulvalenes as anchors for building highly conductive and mechanically tunable molecular junctions.. <i>Nature Communications</i> , 2022 , 13, 1803	17.4	2
232	Red-emissive AIEgens Based on Tetraphenylethylene for Biological Applications 2022 , 465-490		
231	Dual Modulation of Single Molecule Conductance via Tuning Side Chains and Electric Field with Conjugated Molecules Entailing Intramolecular O π Interactions.. <i>Advanced Science</i> , 2022 , e2105667	13.6	1
230	Single-Molecule Charge-Transport Modulation Induced by Steric Effects of Side Alkyl Chains. <i>ChemPhysChem</i> , 2021 , 22, 2573	3.2	4
229	Dynamics in Electronically Excited States of Diketopyrrolopyrrole π thiophene Conjugated Polymer Thin Films. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 5572-5580	3.8	0
228	New Synthetic Approaches to N-Aryl and π -Expanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 10700-10708	16.4	10
227	New Synthetic Approaches to N-Aryl and π -Expanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials. <i>Angewandte Chemie</i> , 2021 , 133, 10795-10803	3.6	0
226	A Systematic Strategy of Combinational Blow for Overcoming Cascade Drug Resistance via NIR-Light-Triggered Hyperthermia. <i>Advanced Materials</i> , 2021 , 33, e2100599	24	27
225	Innentitelbild: New Synthetic Approaches to N-Aryl and π -Expanded Diketopyrrolopyrroles as New Building Blocks for Organic Optoelectronic Materials (Angew. Chem. 19/2021). <i>Angewandte Chemie</i> , 2021 , 133, 10526-10526	3.6	
224	Green Chemistry: A Framework for a Sustainable Future. <i>Organometallics</i> , 2021 , 40, 1801-1805	3.8	2
223	Green Chemistry: A Framework for a Sustainable Future. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 487-491	11	2
222	Green Chemistry: A Framework for a Sustainable Future. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 8964-8968	3.9	
221	An Efficient Diazirine-Based Four-Armed Cross-linker for Photo-patterning of Polymeric Semiconductors. <i>Angewandte Chemie</i> , 2021 , 133, 21691-21698	3.6	0
220	An Efficient Diazirine-Based Four-Armed Cross-linker for Photo-patterning of Polymeric Semiconductors. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 21521-21528	16.4	6
219	Incorporation of hydrogen-bonding units into polymeric semiconductors toward boosting charge mobility, intrinsic stretchability, and self-healing ability. <i>SmartMat</i> , 2021 , 2, 347-366	22.8	13

218	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. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100896	10.1	0
217	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. <i>Advanced Materials</i> , 2021 , 33, e2005613	24	9
216	Electric field-catalyzed single-molecule Diels-Alder reaction dynamics. <i>Science Advances</i> , 2021 , 7,	14.3	20
215	White Emissions Containing Room Temperature Phosphorescence from Different Excited States of a D- π -A Molecule Depending on the Aggregate States.. <i>Advanced Science</i> , 2021 , e2104539	13.6	3
214	Selenophene-Flanked Diketopyrrolopyrrole Based Conjugated Polymers for Ambipolar Field-Effect Transistors. <i>Chinese Journal of Chemistry</i> , 2020 , 38, 1075-1080	4.9	5
213	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	16.4	6
212	Confronting Racism in Chemistry Journals. <i>ACS Applied Nano Materials</i> , 2020 , 3, 6131-6133	5.6	
211	Confronting Racism in Chemistry Journals. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 2496-2498	4.3	
210	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	3.6	3
209	Confronting Racism in Chemistry Journals. <i>Organometallics</i> , 2020 , 39, 2331-2333	3.8	
208	Half-Fused Diketopyrrolopyrrole-Based Conjugated Donor-Acceptor Polymer for Ambipolar Field-Effect Transistors. <i>Advanced Functional Materials</i> , 2020 , 30, 1910235	15.6	18
207	New fused conjugated molecules with fused thiophene and pyran units for organic electronic materials.. <i>RSC Advances</i> , 2020 , 10, 12378-12383	3.7	4
206	Pyridinium-Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. <i>Angewandte Chemie</i> , 2020 , 132, 10128-10137	3.6	3
205	CO ₂ -fixation into carbonate anions for the construction of 3d-4f cluster complexes with salen-type Schiff base ligands: from molecular magnetic refrigerants to luminescent single-molecule magnets. <i>Applied Organometallic Chemistry</i> , 2020 , 34, e5893	3.1	3
204	Update to Our Reader, Reviewer, and Author CommunitiesApril 2020. <i>Energy & Fuels</i> , 2020 , 34, 5107-5108	4.1	
203	Pyridinium-Substituted Tetraphenylethylenes Functionalized with Alkyl Chains as Autophagy Modulators for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10042-10051	16.4	27
202	ZnLn complexes with carbonate bridges formed by the fixation of carbon dioxide in the atmosphere: single-molecule magnet behaviour and magnetocaloric effect. <i>Dalton Transactions</i> , 2020 , 49, 2121-2128	4.3	14
201	Update to Our Reader, Reviewer, and Author CommunitiesApril 2020. <i>Organometallics</i> , 2020 , 39, 1665-1666	6.6	

200	Multi-Stimuli-Responsive Field-Effect Transistor with Conjugated Polymer Entailing Spiropyran in the Side Chains. <i>CCS Chemistry</i> , 2020 , 2, 632-641	7.2	5
199	Multi-Stimuli-Responsive Field-Effect Transistor with Conjugated Polymer Entailing Spiropyran in the Side Chains. <i>CCS Chemistry</i> , 2020 , 2, 632-641	7.2	2
198	Confronting Racism in Chemistry Journals. <i>Journal of Chemical Health and Safety</i> , 2020 , 27, 198-200	1.7	
197	Efficient Construction of Near-Infrared Absorption Donor-Acceptor Copolymers with and without Pt(II)-Incorporation toward Broadband Nonlinear Optical Materials. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 2944-2951	9.5	13
196	Dicyclohepta[ijkl,uvw]rubicene with Two Pentagons and Two Heptagons as a Stable and Planar Non-benzenoid Nanographene. <i>Angewandte Chemie</i> , 2020 , 132, 3557-3561	3.6	14
195	Dicyclohepta[ijkl,uvw]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	16.4	31
194	Structure-Independent Conductance of Thiophene-Based Single-Stacking Junctions. <i>Angewandte Chemie</i> , 2020 , 132, 3306-3312	3.6	2
193	Structure-Independent Conductance of Thiophene-Based Single-Stacking Junctions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3280-3286	16.4	20
192	Unconventional Transformation of the Two Carbonyl Groups in 4,4',5,5'-Tetrachloro-10,10'-[9,9'-bianthracenylidene]-10,10'-dione into Diallenes. <i>Organic Letters</i> , 2020 , 22, 8629-8633	6.2	1
191	Assembly of chiral 3d ^f wheel-like cluster complexes with achiral ligands: single-molecule magnetic behavior and magnetocaloric effect. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3340-3351	6.8	15
190	Diketopyrrolopyrrole based donor-acceptor 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	7.1	10
189	Aggregation-Induced Emission Luminogens for Mitochondria-Targeted Cancer Therapy. <i>ChemMedChem</i> , 2020 , 15, 2220-2227	3.7	7
188	Optically Tunable Field Effect Transistors with Conjugated Polymer Entailing Azobenzene Groups in the Side Chains. <i>Advanced Functional Materials</i> , 2019 , 29, 1807176	15.6	34
187	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 ₂ S. <i>Chemistry of Materials</i> , 2019 , 31, 1800-1807	9.6	41
186	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 & Interfaces</i> , 2019 , 11, 15837-15844	9.5	25
185	Both magnetic relaxation and luminescence of Zn ₂ Dy ₂ cluster complexes regulated by the bis-imine chain in Schiff base ligands. <i>New Journal of Chemistry</i> , 2019 , 43, 14502-14510	3.6	12
184	Enantiopure Chiral Two-dimensional Sinusoidal Lanthanide(III) Coordination Polymers Based on R-/S-2-Methylglutarate: Luminescence, Magnetic Entropy Change, and Magnetic Relaxation. <i>Crystal Growth and Design</i> , 2019 , 19, 4731-4737	3.5	9
183	Semiconducting Nanocomposite with AIEgen-Triggered Enhanced Photoluminescence and Photodegradation for Dual-Modality Tumor Imaging and Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1903733	15.6	17

182	Selenium-Substituted Diketopyrrolopyrrole Polymer for High-Performance p-Type Organic Thermoelectric Materials. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18994-18999	16.4	75
181	Selenium-Substituted Diketopyrrolopyrrole Polymer for High-Performance p-Type Organic Thermoelectric Materials. <i>Angewandte Chemie</i> , 2019 , 131, 19170-19175	3.6	11
180	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). <i>Advanced Materials</i> , 2019 , 31, 1970315	24	2
179	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	24	21
178	The Effects of Side Chains on the Charge Mobilities and Functionalities of Semiconducting Conjugated Polymers beyond Solubilities. <i>Advanced Materials</i> , 2019 , 31, e1903104	24	92
177	Light-Driven Reversible Intermolecular Proton Transfer at Single-Molecule Junctions. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3829-3833	16.4	30
176	Light-Driven Reversible Intermolecular Proton Transfer at Single-Molecule Junctions. <i>Angewandte Chemie</i> , 2019 , 131, 3869-3873	3.6	8
175	Titelbild: Selenium-Substituted Diketopyrrolopyrrole Polymer for High-Performance p-Type Organic Thermoelectric Materials (Angew. Chem. 52/2019). <i>Angewandte Chemie</i> , 2019 , 131, 18893-18893 ^{3,6}		
174	An A-D-A'-D-A Conjugated Molecule Entailing Diazapentalene Unit for an n-Type Organic Semiconductor. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1712-1716	4.5	1
173	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	8.6	80
172	Highly Sensitive Field-Effect Ammonia/Amine Sensors with Low Driving Voltage Based on Low Bandgap Polymers. <i>Advanced Electronic Materials</i> , 2018 , 4, 1800025	6.4	13
171	Direct single-molecule dynamic detection of chemical reactions. <i>Science Advances</i> , 2018 , 4, eaar2177	14.3	54
170	Conjugated D _A terpolymers for organic field-effect transistors and solar cells. <i>Polymer Journal</i> , 2018 , 50, 21-31	2.7	17
169	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	5.5	22
168	Dibenzothiophene-S,S-Dioxide-Based Conjugated Polymers: Highly Efficient Photocatalysts for Hydrogen Production from Water under Visible Light. <i>Small</i> , 2018 , 14, e1801839	11	57
167	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. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25037-25046	9.5	46
166	Bioinspired Peptide for Imaging Hg Distribution in Living Cells and Zebrafish Based on Coordination-Mediated Supramolecular Assembling. <i>Analytical Chemistry</i> , 2018 , 90, 9708-9715	7.8	22
165	Single-Molecule Magnet Behavior of 1D Coordination Polymers Based on DyZn(salen) Units and Pyridin- N-Oxide-4-Carboxylate: Structural Divergence and Magnetic Regulation. <i>Inorganic Chemistry</i> , 2018 , 57, 11077-11086	5.1	22

164	Arrayed Octahedral {CrDy} Units into 3D Single-Molecule-Magnet-Like Inorganic Compounds with Sulfate Bridges. <i>Inorganic Chemistry</i> , 2018 , 57, 6803-6806	5.1	8
163	Targeted and imaging-guided in vivo photodynamic therapy for tumors using dual-function, aggregation-induced emission nanoparticles. <i>Nano Research</i> , 2018 , 11, 2756-2770	10	22
162	Zincke's Salt-Substituted Tetraphenylethylenes for Fluorometric Turn-On Detection of Glutathione and Fluorescence Imaging of Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12141-12149	9.5	43
161	A homochiral Zn-Dy heterometallic left-handed helical chain complex without chiral ligands: anion-induced assembly and multifunctional integration. <i>Chemical Communications</i> , 2018 , 54, 13379-13382	5.8	32
160	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	13.6	22
159	Investigating the Optical Properties of Thiophene Additions to s-Indacene Donors with Diketopyrrolopyrrole, Isoindigo, and Thienothiophene Acceptors. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 27713-27733	3.8	7
158	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	24.3	92
157	Tuning the Photoinduced Electron Transfer in a Zr-MOF: Toward Solid-State Fluorescent Molecular Switch and Turn-On Sensor. <i>Advanced Materials</i> , 2018 , 30, e1802329	24	81
156	Stereoelectronic Effect-Induced Conductance Switching in Aromatic Chain Single-Molecule Junctions. <i>Nano Letters</i> , 2017 , 17, 856-861	11.5	55
155	Simultaneous assembly of mononuclear and dinuclear dysprosium(III) complexes behaving as single-molecule magnets in a one-pot hydrothermal synthesis. <i>Science China Chemistry</i> , 2017 , 60, 358-365	7.9	14
154	A New Benzodithiophene-Based Cruciform Electron-Donor/Electron-Acceptor Molecule with Ambipolar/Photoresponsive Semiconducting and Red-Light-Emissive Properties. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 1277-1284	3	4
153	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	13.6	47
152	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	6.4	24
151	1,6- and 2,7-trans-Ethyl Substituted Pyrenes Exhibiting Both Emissive and Semiconducting Properties in the Solid State. <i>Chemistry of Materials</i> , 2017 , 29, 3580-3588	9.6	47
150	Pyridinium-Substituted Tetraphenylethylene Entailing Alkyne Moiety: Enhancement of Photosensitizing Efficiency and Antimicrobial Activity. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 1013-1019	4.5	27
149	A highly selective fluorescence turn-on detection of ClO ⁻ with 1-methyl-1,2-dihydropyridine-2-thione unit modified tetraphenylethylene. <i>Chemical Communications</i> , 2017 , 53, 11654-11657	5.8	34
148	Rapid, sensitive, and in-solution screening of peptide probes for targeted imaging of live cancer cells based on peptide recognition-induced emission. <i>Chemical Communications</i> , 2017 , 53, 11091-11094	5.8	15
147	A Chinese Pane-Like 2D Metal-Organic Framework Showing Magnetic Relaxation and Luminescence Dual-Functions. <i>Scientific Reports</i> , 2017 , 7, 11156	4.9	19

146	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	7.8	33
145	Protonation tuning of quantum interference in azulene-type single-molecule junctions. <i>Chemical Science</i> , 2017 , 8, 7505-7509	9.4	43
144	Fine Tuning the Energy Barrier of Molecular Nanomagnets via Lattice Solvent Molecules. <i>Scientific Reports</i> , 2017 , 7, 15483	4.9	11
143	Aggregation-induced emission nanoparticles as photosensitizer for two-photon photodynamic therapy. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1746-1753	7.8	67
142	AIE-doped poly(ionic liquid) photonic spheres: a single sphere-based customizable sensing platform for the discrimination of multi-analytes. <i>Chemical Science</i> , 2017 , 8, 6281-6289	9.4	44
141	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. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 3635-43	9.5	91
140	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	5.5	29
139	A New Tetraphenylethylene-Derived Fluorescent Probe for Nitroreductase Detection and Hypoxic-Tumor-Cell Imaging. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2918-2923	4.5	38
138	Remarkable enhancement of charge carrier mobility of conjugated polymer field-effect transistors upon incorporating an ionic additive. <i>Science Advances</i> , 2016 , 2, e1600076	14.3	115
137	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	7.1	11
136	Two-step warming solvothermal syntheses, luminescence and slow magnetic relaxation of isostructural dense LnMOFs based on nanoscale 3-connected linkers. <i>Inorganic Chemistry Frontiers</i> , 2016 , 3, 1076-1081	6.8	25
135	Fluorogenic Enhancement of an in Vitro-Selected Peptide Ligand by Replacement of a Fluorescent Group. <i>Analytical Chemistry</i> , 2016 , 88, 7991-7	7.8	12
134	Tuning the Solid State Emission of the Carbazole and Cyano-Substituted Tetraphenylethylene by Co-Crystallization with Solvents. <i>Small</i> , 2016 , 12, 6554-6561	11	49
133	Bio-/Chemosensors and Imaging with Aggregation-Induced Emission Luminogens. <i>Chemical Record</i> , 2016 , 16, 2142-60	6.6	39
132	Self-Assembled Nanostructures Based on Activatable Red Fluorescent Dye for Site-Specific Protein Probing and Conformational Transition Detection. <i>Analytical Chemistry</i> , 2016 , 88, 6374-81	7.8	34
131	Molecular Materials That Can Both Emit Light and Conduct Charges: Strategies and Perspectives. <i>Chemistry - A European Journal</i> , 2016 , 22, 462-71	4.8	38
130	Ultrasensitive detection of aliphatic nitro-organics based on Turn-on Fluorescent sensor array. <i>Science China Chemistry</i> , 2016 , 59, 89-94	7.9	9
129	New 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	7.1	33

128	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, 173-85	16.4	211
127	Conjugated polymer with ternary electron-deficient units for ambipolar nanowire field-effect transistors. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 34-38	2.5	18
126	Excitation Energy Transfer in meta-Substituted Phenylacetylene Multibranched Chromophores. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2741-2748	4.5	9
125	Crystalline Solids: Tuning the Solid State Emission of the Carbazole and Cyano-Substituted Tetraphenylethylene by Co-Crystallization with Solvents (Small 47/2016). <i>Small</i> , 2016 , 12, 6553-6553	11	1
124	Luminescent photonic crystals with multi-functionality and tunability. <i>Chemical Science</i> , 2016 , 7, 5692-5698	9.8	26
123	A 3D MOF constructed from dysprosium(III) oxalate and capping ligands: ferromagnetic coupling and field-induced two-step magnetic relaxation. <i>Chemical Communications</i> , 2016 , 52, 4804-7	5.8	49
122	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	4.9	14
121	Field-Induced Relaxation of Magnetization in a Three-Dimensional LnMOF with the Second Bridging Ligand Squarate. <i>ACS Omega</i> , 2016 , 1, 286-292	3.9	14
120	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	4.9	5
119	Emissive nanoparticles from pyridinium-substituted tetraphenylethylene salts: imaging and selective cytotoxicity towards cancer cells and by varying counter anions. <i>Chemical Science</i> , 2016 , 7, 7013-7019	9.4	56
118	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	5.5	30
117	Slow magnetic relaxation of a three-dimensional metal-organic framework featuring a unique dysprosium(III) oxalate layer. <i>RSC Advances</i> , 2015 , 5, 63186-63192	3.7	20
116	Old is new again: a chemical probe for targeting mitochondria and monitoring mitochondrial membrane potential in cells. <i>Analyst, The</i> , 2015 , 140, 5849-54	5	42
115	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	3.6	7
114	Luminescence and slow magnetic relaxation of isostructural 2D lanthanide metal-organic frameworks derived from both nicotinate N-oxide and glutarate. <i>RSC Advances</i> , 2015 , 5, 92980-92987	3.7	25
113	Tuning the singlet-triplet energy gap: a unique approach to efficient photosensitizers with aggregation-induced emission (AIE) characteristics. <i>Chemical Science</i> , 2015 , 6, 5824-5830	9.4	308
112	Highly solid-state emissive pyridinium-substituted tetraphenylethylene salts: emission color-tuning with counter anions and application for optical waveguides. <i>Small</i> , 2015 , 11, 1335-44	11	65
111	Three-State Single-Molecule Naphthalenediimide Switch: Integration of a Pendant Redox Unit for Conductance Tuning. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13586-9	16.4	39

110	Multiple thermal magnetic relaxation in a two-dimensional ferromagnetic dysprosium(III) metal-organic framework. <i>RSC Advances</i> , 2015 , 5, 104854-104861	3.7	25
109	A fluorescent turn-on low dose detection of gamma-radiation based on aggregation-induced emission. <i>Chemical Communications</i> , 2015 , 51, 3892-5	5.8	43
108	Fluorescence turn-on chemosensor for highly selective and sensitive detection and bioimaging of Al(3+) in living cells based on ion-induced aggregation. <i>Analytical Chemistry</i> , 2015 , 87, 1470-4	7.8	162
107	Manipulation of the aggregation and deaggregation of tetraphenylethylene and silole fluorophores by amphiphiles: emission modulation and sensing applications. <i>Langmuir</i> , 2015 , 31, 4593-604	6.4	81
106	A Cruciform Electron Donor-Acceptor Semiconductor with Solid-State Red Emission: 1D/2D Optical Waveguides and Highly Sensitive/Selective Detection of H ₂ S Gas. <i>Advanced Functional Materials</i> , 2014 , 24, 4250-4258	15.6	77
105	New organic semiconductors with imide/amide-containing molecular systems. <i>Advanced Materials</i> , 2014 , 26, 6965-77	24	164
104	Extended conjugated donor-acceptor molecules with E-(1,2-difluorovinyl) and diketopyrrolopyrrole (DPP) moieties toward high-performance ambipolar organic semiconductors. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1068-75	4.5	26
103	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	5.5	53
102	Conjugated electron donor-acceptor molecules with (E)-[4,4'-biimidazolylidene]-5,5'-(1H,1'H)-dione for new organic semiconductors. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1149-1157	7.1	7
101	Hexanuclear [Ni ₂ Ln ₄] clusters exhibiting enhanced magnetocaloric effect and slow magnetic relaxation. <i>RSC Advances</i> , 2014 , 4, 53870-53876	3.7	19
100	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 ₂ S Gas (Adv. Funct. Mater. 27/2014). <i>Advanced Functional Materials</i> , 2014 , 24, 4376-4376	15.6	1
99	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	7.1	25
98	A 2D -12D polyrotaxane lanthanide-organic framework showing field-induced single-molecule magnet behaviour. <i>RSC Advances</i> , 2014 , 4, 36053-36056	3.7	18
97	Electronic tuning effects via cyano substitution of a fused tetrathiafulvalene-benzothiadiazole dyad for ambipolar transport properties. <i>RSC Advances</i> , 2014 , 4, 2873-2878	3.7	23
96	Ambipolar charge-transport property for the D-A complex with naphthalene diimide motif. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2869-2876	7.1	29
95	Arylacetylene-substituted naphthalene diimides with dual functions: optical waveguides and n-type semiconductors. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 3207-14	4.5	26
94	Extended Conjugated Polymers Entailing Pechmann Dye Moieties for Solution-Processed Ambipolar Organic Semiconductors. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 788-796	4.9	13
93	Targeted bioimaging and photodynamic therapy of cancer cells with an activatable red fluorescent bioprobe. <i>Analytical Chemistry</i> , 2014 , 86, 7987-95	7.8	236

92	Tetraphenylethylene conjugated with a specific peptide as a fluorescence turn-on bioprobe for the highly specific detection and tracing of tumor markers in live cancer cells. <i>Chemistry - A European Journal</i> , 2014 , 20, 158-64	4.8	89
91	Trinuclear [CoIII 2 -LnIII] (Ln=Tb, Dy) single-ion magnets with mixed 6-chloro-2-hydroxypyridine and Schiff base ligands. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1847-53	4.5	35
90	Identification of Bacteria in Water by a Fluorescent Array. <i>Angewandte Chemie</i> , 2014 , 126, 13954-13959	3.6	31
89	Tuning the solid-state emission of the analogous GFP chromophore by varying alkyl chains in the imidazolinone ring. <i>Science China Chemistry</i> , 2013 , 56, 1197-1203	7.9	18
88	New core-expanded naphthalene diimides with different functional groups for air-stable solution-processed organic n-type semiconductors. <i>New Journal of Chemistry</i> , 2013 , 37, 1720	3.6	18
87	Solution-processed core-extended naphthalene diimides toward organic n-type and ambipolar semiconductors. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2688	7.1	28
86	A single-molecule magnet featuring a parallelogram [Dy4(OCH2)4] core and two magnetic relaxation processes. <i>Dalton Transactions</i> , 2013 , 42, 14813-8	4.3	55
85	Dithiazole-fused naphthalene diimides toward new n-type semiconductors. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 1087-1092	7.1	43
84	New Donor-Acceptor Donor Molecules with Pechmann Dye as the Core Moiety for Solution-Processed Good-Performance Organic Field-Effect Transistors. <i>Chemistry of Materials</i> , 2013 , 25, 471-478	9.6	76
83	Extended π -conjugated molecules derived from naphthalene diimides toward organic emissive and semiconducting materials. <i>Journal of Organic Chemistry</i> , 2013 , 78, 2926-34	4.2	42
82	New alternating electron donor-acceptor conjugated polymers entailing (E)-[4,4'-biimidazolylidene]-5,5'-(1H,1'H)-dione moieties. <i>Polymer Chemistry</i> , 2013 , 4, 5283	4.9	19
81	Field-induced single-ion magnets based on enantiopure chiral β -diketonate ligands. <i>Inorganic Chemistry</i> , 2013 , 52, 8933-40	5.1	110
80	New Chemo-/Biosensors with Silole and Tetraphenylethene Molecules Based on the Aggregation and Deaggregation Mechanism 2013 , 165-188		1
79	Highly Sensitive Chemical-Vapor Sensor Based on Thin-Film Organic Field-Effect Transistors with Benzothiadiazole-Fused-Tetrathiafulvalene. <i>Advanced Functional Materials</i> , 2013 , 23, 1671-1676	15.6	44
78	Thiepin-fused heteroacenes: simple synthesis, unusual structure, and semiconductors with less anisotropic behavior. <i>Chemistry - A European Journal</i> , 2013 , 19, 14573-80	4.8	11
77	A highly selective fluorescence turn-on detection of cyanide based on the aggregation of tetraphenylethylene molecules induced by chemical reaction. <i>Chemical Communications</i> , 2012 , 48, 12195-7	5.8	188
76	Modification of the Green Fluorescent Protein Chromophore with Large Aromatic Moieties: Photophysical Study and Solid-State Emission. <i>Asian Journal of Organic Chemistry</i> , 2012 , 1, 352-358	3	18
75	Calixarene-Supported Polynuclear Cobalt(II) Cluster Complexes Tuned by Substitution Groups of the Second Bridging Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 4210-4217	2.3	21

74	Controllable self-assembly of di(p-methoxyphenyl)dibenzofulvene into three different emission forms. <i>Small</i> , 2012 , 8, 3406-11	11	47
73	Organic π -Conjugated Molecules for Organic Semiconductors and Photovoltaic Materials 2012 , 759-780		2
72	Stimuli responsive gels based on low molecular weight gelators. <i>Journal of Materials Chemistry</i> , 2012 , 22, 38-50		221
71	New tetrathiafulvalene fused-naphthalene diimides for solution-processible and air-stable p-type and ambipolar organic semiconductors. <i>Chemical Science</i> , 2012 , 3, 2530	9.4	60
70	A new approach to reduced graphite oxide with tetrathiafulvalene in the presence of metal ions. <i>Journal of Materials Chemistry</i> , 2012 , 22, 4391		16
69	A new gelator based on tetraphenylethylene and diphenylalanine: Gel formation and reversible fluorescence tuning. <i>Science Bulletin</i> , 2012 , 57, 4284-4288		12
68	Polymorphism-Dependent Emission for Di(p-methoxyphenyl)dibenzofulvene and Analogues: Optical Waveguide/Amplified Spontaneous Emission Behaviors. <i>Advanced Functional Materials</i> , 2012 , 22, 4862-4872	15.6	203
67	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. <i>Chinese Journal of Chemistry</i> , 2012 , 30, 1453-1458	4.9	6
66	Self-assembly of a new C60 compound with a L-glutamid-derived lipid unit: formation of organogels and hierarchically structured spherical particles. <i>Soft Matter</i> , 2011 , 7, 3592	3.6	26
65	Inside Cover: Ring Like Octadecanuclear Mixed-valence Manganese Cluster with a Spin Ground State of 20 (Chem. Asian J. 1/2011). <i>Chemistry - an Asian Journal</i> , 2011 , 6, 2-2	4.5	1
64	Tetrathiafulvalene (TTF)-based gelators: Stimuli responsive gels and conducting nanostructures. <i>Science China Chemistry</i> , 2011 , 54, 596-602	7.9	17
63	Colorimetric detection of glucose and an assay for acetylcholinesterase with amine-terminated polydiacetylene vesicles. <i>Science Bulletin</i> , 2011 , 56, 1877-1883		15
62	Nestlike C ₄ -symmetric [Co ₂₄] metallamacrocycle sustained by p-tert-butylsulfonylcalix[4]arene and 1,2,4-triazole. <i>Chemistry - A European Journal</i> , 2011 , 17, 12285-8	4.8	38
61	New air-stable solution-processed organic n-type semiconductors based on sulfur-rich core-expanded naphthalene diimides. <i>Journal of Materials Chemistry</i> , 2011 , 21, 18042		38
60	A facile and convenient fluorescence detection of gamma-ray radiation based on the aggregation-induced emission. <i>Journal of Materials Chemistry</i> , 2011 , 21, 14487		47
59	Heptanuclear 3d-4f cluster complexes with a coaxial double-screw-propeller topology and diverse magnetic properties. <i>Dalton Transactions</i> , 2010 , 39, 11325-8	4.3	57
58	Nanoscale homochiral C ₃ -symmetric mixed-valence manganese cluster complexes with both ferromagnetic and ferroelectric properties. <i>Journal of the American Chemical Society</i> , 2010 , 132, 4044-5	16.4	159
57	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. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3092-6	16.4	248

56	Fluorescent bio/chemosensors based on silole and tetraphenylethene luminogens with aggregation-induced emission feature. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1858		751
55	Triphenylamine Derivatives Containing Nitronyl Nitroxide and Iminyl Nitroxide-Syntheses, Characterization, Crystal Structures and Magnetic Studies. <i>Chinese Journal of Chemistry</i> , 2010 , 19, 966-975	4.9	3
54	Synthesis, crystal structure and electrochemical property of 3a,4,5,8,9,9a,10,11-Octahydro-2H,3H-1,6,7,12-tetrathiaperylene (H10TTPR). <i>Chinese Journal of Chemistry</i> , 2010 , 22, 1330-1335	4.9	
53	Multicolor Tunable Emission from Organogels Containing Tetraphenylethene, Perylenediimide, and Spiropyran Derivatives. <i>Advanced Functional Materials</i> , 2010 , 20, 3244-3251	15.6	118
52	Electroactive Molecules and Supramolecules for Information Processing and Storage 2010 , 447-476		1
51	Electrochemical sensing of ATP with synthetic cyclophane as recognition element. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 741-745		4
50	Synthesis, Crystal Structure, and Magnetic Properties of a New Coordination Polymer Framework [CoII(4,4'-bpy)(N3)2]n. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 549-553	1.3	15
49	Tetrathiafulvalene (TTF) derivatives: key building-blocks for switchable processes. <i>Chemical Communications</i> , 2009 , 2245-69	5.8	466
48	Cyanide-bridged 1D Mn(III)Be(III) bimetallic complexes: synthesis, crystal structure and magnetic properties. <i>New Journal of Chemistry</i> , 2009 , 33, 2296	3.6	37
47	Convenient and continuous fluorometric assay method for acetylcholinesterase and inhibitor screening based on the aggregation-induced emission. <i>Analytical Chemistry</i> , 2009 , 81, 4444-9	7.8	231
46	The convenient fluorescence turn-on detection of heparin with a silole derivative featuring an ammonium group. <i>Chemical Communications</i> , 2008 , 4469-71	5.8	197
45	Two-dimensional layer polyoxometalate-based inorganic metal-organic hybrid supramolecular networks woven by Cu ^{II} polyoxoanion short contact weak interactions. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 627-639	1.6	5
44	Carboxylic acid-dependent assembly of neodymium-organic frameworks with attractive topologies and second-order nonlinear optical and/or magnetic properties. <i>CrystEngComm</i> , 2008 , 10, 1674	3.3	28
43	A mercury(II)-radical complex with a 1D ladder structure. <i>Journal of Coordination Chemistry</i> , 2008 , 61, 1325-1332	1.6	1
42	Highly Selective Fluorescence Detection for Mercury (II) Ions in Aqueous Solution Using Water Soluble Conjugated Polyelectrolytes. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1467-1471	4.8	34
41	Organic Functional Molecules towards Information Processing and High-Density Information Storage. <i>Advanced Materials</i> , 2008 , 20, 2888-2898	24	130
40	Magnetic properties tuned by oxamido bridging ligand derivatives in two new hybrid organic inorganic nitronyl nitroxide copper(II) complexes. <i>CrystEngComm</i> , 2007 , 9, 799	3.3	15
39	4-(N,N-Dimethylamine)benzotrile (DMABN) derivatives with boronic acid and boronate groups: new fluorescent sensors for saccharides and fluoride ion. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1964		53

- 38 Intramolecular electron transfer within the substituted tetrathiafulvalene-quinone dyads: facilitated by metal ion and photomodulation in the presence of spiropyran. *Journal of the American Chemical Society*, **2007**, 129, 6839-46 16.4 91
- 37 New semiconductors based on triphenylamine with macrocyclic architecture: synthesis, properties and applications in OFETs. *Journal of Materials Chemistry*, **2007**, 17, 4483 34
- 36 Thymine and adenine derivatives with pyrene, tetrathiafulvalene and nitronyl nitroxide units: Synthesis and formation of ensembles sensing thymine and adenine molecules. *Science Bulletin*, **2006**, 51, 1947-1954 5
- 35 A Radical-Radical and Metal-Metal Coupling Tetrathiafulvalene Derivative in which Organic Radicals Directly Coordinate to Cull Ions. *European Journal of Inorganic Chemistry*, **2006**, 2006, 1629-1634^{2,3} 26
- 34 1-Imino nitroxide pyrene for high performance organic field-effect transistors with low operating voltage. *Journal of the American Chemical Society*, **2006**, 128, 13058-9 16.4 82
- 33 A low-molecular-mass gelator with an electroactive tetrathiafulvalene group: tuning the gel formation by charge-transfer interaction and oxidation. *Journal of the American Chemical Society*, **2005**, 127, 16372-3 16.4 236
- 32 A new fluorescence-switch based on supermolecular dyad with (tetraphenylporphyrinato)zinc(II) and tetrathiafulvalene units. *Journal of Materials Chemistry*, **2005**, 15, 2557 47
- 31 Novel redox-fluorescence switch based on a triad containing tetrathiafulvalene and pyrene units with tunable monomer and excimer emissions. *New Journal of Chemistry*, **2005**, 29, 1291 3.6 36
- 30 A water-soluble derivative of tetrathiafulvalene exhibiting pH sensitive redox properties. *New Journal of Chemistry*, **2005**, 29, 509 3.6 19
- 29 Hydrothermal synthesis, crystal structure and magnetic properties of a new 2D layered vanadium oxide complex: [Ni(phen)(H₂O)]₂V₄O₁₂. *Journal of Coordination Chemistry*, **2005**, 58, 327-334 1.6 2
- 28 Molecular orbital study on antiferromagnetic coupling mechanism in a silver (I) complex. *Science Bulletin*, **2005**, 50, 1999-2004 10.6 1
- 27 Conducting Nanop pearl Chains Based on the Dmit Salt. *Journal of Physical Chemistry B*, **2004**, 108, 13638-13642 17
- 26 Solvothermal synthesis and crystal structure of an inorganic-organic hybrid compound [DAMS]₂[CdI₄] (DAMS = 4-dimethylaminostyryl-1-methyl-pyridinium). *Journal of Chemical Crystallography*, **2004**, 34, 291-294 0.5 7
- 25 Assembly of gold nanoparticles with H₁₀TTPR (3a, 4, 5, 8, 9, 9a, 10,11-octahydro-2H,3H-1,6,7,12-tetrathia-perylene) as the rigid cross-linker. *Science Bulletin*, **2004**, 49, 789-792
- 24 A Unique 3D Alternating Ferro- and Antiferromagnetic Manganese Azide System with Threefold Interpenetrating (10,3) Nets. *Angewandte Chemie*, **2004**, 116, 1008-1012 3.6 4
- 23 A new redox-fluorescence switch based on a triad with tetrathiafulvalene and anthracene units. *Organic Letters*, **2004**, 6, 1209-12 6.2 135
- 22 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
- 21 A novel heterospin tetranuclear MnII -type complex incorporating a macrocyclic oxamide [Mn(CuL)₃](ClO₄)₂: synthesis, crystal structure and magnetic properties. *Journal of Coordination Chemistry*, **2004**, 57, 647-655 1.6 5

20	A new one-dimensional coordination polymer containing a $[N(CN)_2]$ bridging ligand. Synthesis, crystal structure and magnetic properties of $Mn[N(CN)_2]_2 \cdot (2,4\text{-bpy})_2$ (2,4?-bpy = 2,4?-bipyridine). <i>Transition Metal Chemistry</i> , 2003 , 28, 336-338	2.1	10
19	A Novel Mixed-Valence CuI/CuII Coordination Polymer: Solvothermal Synthesis, Crystal Structure, and Magnetic Properties of $CuI CuII(2\text{-Pyrazinecarboxylate})_2(H_2O)(ClO_4)$. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 3618-3622	2.3	30
18	Hydrothermal Synthesis and Crystal Structure of a New α -Keggin Unit-supported Cobalt Bipyridyl Complex: $[Co(2,2'\text{-BIPY})_3]_{1.5}[SiW_{12}O_{40}Co(2,2'\text{-bipy})_2(H_2O)]_{0.5} \cdot 5H_2O$. <i>Journal of Coordination Chemistry</i> , 2003 , 56, 953-960	1.6	8
17	Cation radical salts of ethylenedisulfanyl-bridged dimeric ethylenedithiotetrathiafulvalene with 2,3,5,6-tetrafluoro-7,7,8,8-tetracyanoquinodimethane (TCNQF ₄), PF_6^- and BF_4^- synthesis, structure and conducting properties. <i>Journal of Materials Chemistry</i> , 2003 , 13, 1646-1651		3
16	Synthesis, Crystal Structure and Third-Order Nonlinear Optical Behavior of a Novel Dimeric Mixed-Ligand Zinc(II) Complex of 1,3-Dithiole-2-thione-4,5-dithiolate. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 1591-1594	2.3	32
15	A Novel Nickel(II) Complex Adopting a cis-Configuration: Solvothermal Synthesis and Crystal Structure of $[NiL_2(H_2O)_4]$ (L = 1,4-Dihydropyrazine-2,3-dione-5,6-dicarboxylate). <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 1595-1598	2.3	6
14	Z-scan investigation of fifth-order optical nonlinearity induced by saturable-absorption from (TBA) ₂ Ni(dmit) ₂ : application for optical limiting. <i>Journal of Materials Chemistry</i> , 2002 , 12, 2945-2948		31
13	Hydrothermal Synthesis, Crystal Structures and Magnetic Properties of two Bimetallic Cage Cluster Vanadate Complexes $[Co(phen)_2]_2V_4O_{12}$ and $[Co(2,2'\text{-bipy})_2]_2V_4O_{12}$. <i>Journal of Coordination Chemistry</i> , 2002 , 55, 1327-1335	1.6	5
12	Dispersion study on third-order nonlinear optical properties of organic species with nitronyl nitroxide radical. <i>Journal of Modern Optics</i> , 2002 , 49, 1545-1552	1.1	
11	1D silver(I) complex of nitronyl nitroxide with strong spin-spin interaction through silver(I) ion. <i>Chemical Communications</i> , 2002 , 44-5	5.8	18
10	Novel silver(I) complexes derived from tetrakis(methylthio)tetrathiafulvalene and bis(ethylenedithio)tetrathiafulvalene with 3D and 1D structures. <i>New Journal of Chemistry</i> , 2002 , 26, 490-494	3.6	21
9	A new approach to 4-alkylthio-1,3-dithiole-2-thione: an unusual reaction of a zinc complex of 1,3-dithiole-2-thione-4,5-dithiolate. <i>Organic Letters</i> , 2001 , 3, 1941-4	6.2	41
8	Synthesis and Electrochemical Studies of Novel Electron Donors BEDT-TTF Fused with p-Dimethoxybenzene and Hydroquinone. <i>Synthetic Communications</i> , 2000 , 30, 835-848	1.7	2
7	Syntheses of new electron donors with hydroxymethyl groups and studies on their cation-radical salts. <i>Journal of Materials Chemistry</i> , 2000 , 10, 2063-2067		20
6	Synthesis and Magnetic Characterization of Poly(2,4-Bis(4,4,5,5-Tetramethyl-4,5-Dihydro-1H-Imidazolyl-1-Oxy-3-Oxide-2-Phenoxy))Hexadiyne. <i>Materials Research Society Symposia Proceedings</i> , 1992 , 247, 443		
5	Synthesis and Magnetic Studies of Polydiacetylene with Nitronyl Nitroxide as Side Group. <i>Molecular Crystals and Liquid Crystals</i> , 1992 , 218, 277-282		2
4	A novel reagent, dialkylphosphite, for peptide synthesis. <i>International Journal of Peptide and Protein Research</i> , 1991 , 37, 457-61		4
3	Novel fragmentation of N-diisopropoxyphosphoryl dipeptides and tripeptides by fast atom bombardment mass spectrometry. <i>Organic Mass Spectrometry</i> , 1991 , 26, 510-513		9

2	The Control of Intramolecular Through-Bond and Through-Space Coupling in Single-Molecule Junctions. <i>CCS Chemistry</i> ,929-937	7.2	9
1	Enhancing the healing ability and charge transport thermal stability of a diketopyrrolopyrrole based conjugated polymer by incorporating coumarin groups in the side chains. <i>Journal of Polymer Science</i> ,	2.4	1