Martin R Bryce

List of Publications by Year
in descending order

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556 papers	27,883 citations	6606 79 h-index	10724 138 g-index
597 all docs	597 docs citations	597 times ranked	16274 citing authors

#	Article	IF	Citations
1	Asymmetricalâ€Dendronized TADF Emitters for Efficient Nonâ€doped Solutionâ€Processed OLEDs by Eliminating Degenerate Excited States and Creating Solely Thermal Equilibrium Routes. Angewandte Chemie, 2022, 134, .	1.6	5
2	Thermoelectric Enhancement in Single Organic Radical Molecules. Nano Letters, 2022, 22, 948-953.	4.5	28
3	TADF dendronized polymer with vibrationally enhanced direct spin-flip between charge-transfer states for efficient non-doped solution-processed OLEDs. Chemical Engineering Journal, 2022, 435, 134924.	6.6	26
4	Asymmetricalâ€Dendronized TADF Emitters for Efficient Nonâ€doped Solutionâ€Processed OLEDs by Eliminating Degenerate Excited States and Creating Solely Thermal Equilibrium Routes. Angewandte Chemie - International Edition, 2022, 61, .	7.2	36
5	Thermoelectric properties of organic thin films enhanced by Ï€â€“Ï€ stacking. JPhys Energy, 2022, 4, 024002.	2.3	6
6	Quantum interference dependence on molecular configurations for cross-conjugated systems in single-molecule junctions. Molecular Systems Design and Engineering, 2022, 7, 1287-1293.	1.7	5
7	Recent advances in oligomers/polymers with unconventional chromophores. Materials Chemistry Frontiers, 2021, 5, 60-75.	3.2	51
8	Cyclophane Molecules Exhibiting Thermally Activated Delayed Fluorescence: Linking Donor Units to Influence Molecular Conformation. Journal of Organic Chemistry, 2021, 86, 429-445.	1.7	13
9	Dual emission in purely organic materials for optoelectronic applications. Materials Horizons, 2021, 8, 33-55.	6.4	129
10	Rational design of iridiumâ€“porphyrin conjugates for novel synergistic photodynamic and photothermal therapy anticancer agents. Chemical Science, 2021, 12, 5918-5925.	3.7	53
11	A review of functional linear carbon chains (oligoynes, polyynes, cumulenes) and their applications as molecular wires in molecular electronics and optoelectronics. Journal of Materials Chemistry C, 2021, 9, 10524-10546.	2.7	63
12	Supramolecular oligourethane gels as light-harvesting antennae: achieving multicolour luminescence and white-light emission through FRET. Journal of Materials Chemistry C, 2021, 9, 13331-13337.	2.7	7
13	Conformational Dependence of Triplet Energies in Rotationally Hindered Nâ€•and Sâ€Heterocyclic Dimers: New Design and Measurement Rules for High Triplet Energy OLED Host Materials. Chemistry - A European Journal, 2021, 27, 6545-6556.	1.7	29
14	Vibrational Damping Reveals Vibronic Coupling in Thermally Activated Delayed Fluorescence Materials. Chemistry of Materials, 2021, 33, 3066-3080.	3.2	47
15	Allocation of Ambipolar Charges on an Organic Diradical with a Vinyleneâ€“Phenylenediyne Bridge. Journal of Physical Chemistry Letters, 2021, 12, 6159-6164.	2.1	2
16	Heteroatom Effects on Quantum Interference in Molecular Junctions: Modulating Antiresonances by Molecular Design. Journal of Physical Chemistry C, 2021, 125, 17385-17391.	1.5	10
17	A review of oligo(arylene ethynylene) derivatives in molecular junctions. Nanoscale, 2021, 13, 10668-10711.	2.8	24
18	Extended curly arrow rules to rationalise and predict structural effects on quantum interference in molecular junctions. Nanoscale, 2021, 13, 1103-1123.	2.8	17

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19	Carbazoleâ€Based Tetrapodal Anchor Groups for Gold Surfaces: Synthesis and Conductance Properties. Angewandte Chemie, 2020, 132, 892-899.	1.6	6
20	Carbazoleâ€Based Tetrapodal Anchor Groups for Gold Surfaces: Synthesis and Conductance Properties. Angewandte Chemie - International Edition, 2020, 59, 882-889.	7.2	22
21	Resonance-Enhanced Charge Delocalization in Carbazoleâ€“Oligoyneâ€“Oxadiazole Conjugates. Journal of the American Chemical Society, 2020, 142, 18769-18781.	6.6	12
22	Supramolecular oligourethane gel as a highly selective fluorescent â€œonâ€“offâ€“onâ€•sensor for ions. Journal of Materials Chemistry C, 2020, 8, 11540-11545.	2.7	25
23	Exploring the thermoelectric properties of oligo(phenylene-ethynylene) derivatives. Nanoscale, 2020, 12, 15150-15156.	2.8	14
24	Exploiting trifluoromethyl substituents for tuning orbital character of singlet and triplet states to increase the rate of thermally activated delayed fluorescence. Materials Chemistry Frontiers, 2020, 4, 3602-3615.	3.2	35
25	Electronic conductance and thermopower of single-molecule junctions of oligo(phenyleneethynylene) derivatives. Nanoscale, 2020, 12, 18908-18917.	2.8	15
26	Blue-emitting thermoreversible oligourethane gelators with aggregation-induced emission properties. Journal of Materials Chemistry C, 2020, 8, 5137-5142.	2.7	13
27	Supramolecular Oligourethane Gel with Multicolor Luminescence Controlled by Mechanically Sensitive Hydrogen-Bonding. Chemistry of Materials, 2020, 32, 5776-5784.	3.2	20
28	Connectivity dependent thermopower of bridged biphenyl molecules in single-molecule junctions. Nanoscale, 2020, 12, 14682-14688.	2.8	13
29	Dinuclear metal complexes: multifunctional properties and applications. Chemical Society Reviews, 2020, 49, 765-838.	18.7	148
30	Bright red aggregation-induced emission nanoparticles for multifunctional applications in cancer therapy. Chemical Science, 2020, 11, 2369-2374.	3.7	40
31	Unusual dual-emissive heteroleptic iridium complexes incorporating TADF cyclometalating ligands. Dalton Transactions, 2020, 49, 2190-2208.	1.6	19
32	Molecular Design Strategies for Color Tuning of Blue TADF Emitters. ACS Applied Materials & Interfaces, 2019, 11, 27125-27133.	4.0	97
33	Strategic modification of ligands for remarkable piezochromic luminescence (PCL) based on a neutral Ir(<scp>iii</scp>) phosphor. Journal of Materials Chemistry C, 2019, 7, 10876-10880.	2.7	16
34	Achieving Conformational Control in Room-Temperature Phosphorescence and Thermally Activated Delayed Fluorescence Emitters by Functionalization of the Central Core. Journal of Physical Chemistry C, 2019, 123, 26536-26546.	1.5	21
35	AIE Multinuclear Ir(III) Complexes for Biocompatible Organic Nanoparticles with Highly Enhanced Photodynamic Performance. Advanced Science, 2019, 6, 1802050.	5.6	87
36	Delayed Blue Fluorescence via Upper-Triplet State Crossing from Câ€“C Bonded Donorâ€“Acceptor Charge Transfer Molecules with Azatriangulene Cores. Chemistry of Materials, 2019, 31, 6684-6695.	3.2	33

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37	The influence of molecular geometry on the efficiency of thermally activated delayed fluorescence. Journal of Materials Chemistry C, 2019, 7, 6672-6684.	2.7	53
38	Impact of Methoxy Substituents on Thermally Activated Delayed Fluorescence and Room-Temperature Phosphorescence in All-Organic Donorâ€“Acceptor Systems. Journal of Organic Chemistry, 2019, 84, 3801-3816.	1.7	43
39	Persistent Dimer Emission in Thermally Activated Delayed Fluorescence Materials. Journal of Physical Chemistry C, 2019, 123, 11109-11117.	1.5	79
40	Balancing charge-transfer strength and triplet states for deep-blue thermally activated delayed fluorescence with an unconventional electron rich dibenzothiophene acceptor. Journal of Materials Chemistry C, 2019, 7, 13224-13234.	2.7	52
41	Reversible tricolour luminescence switching based on a piezochromic iridium(<scp>iii</scp>) complex. Chemical Communications, 2019, 55, 14582-14585.	2.2	20
42	Exploring antiaromaticity in single-molecule junctions formed from biphenylene derivatives. Nanoscale, 2019, 11, 20659-20666.	2.8	26
43	Transition from Tunneling Leakage Current to Molecular Tunneling in Single-Molecule Junctions. CheM, 2019, 5, 390-401.	5.8	56
44	Conformationally-restricted bicarbazoles with phenylene bridges displaying deep-blue emission and high triplet energies: systematic structureâ€“property relationships. Physical Chemistry Chemical Physics, 2018, 20, 11867-11875.	1.3	10
45	Triazatruxene: A Rigid Central Donor Unit for a Dâ€“A₃ Thermally Activated Delayed Fluorescence Material Exhibiting Subâ€Microsecond Reverse Intersystem Crossing and Unity Quantum Yield via Multiple Singletâ€“Triplet State Pairs. Advanced Science, 2018, 5, 1700989.	5.6	145
46	All-organic thermally activated delayed fluorescence materials for organic light-emitting diodes. Nature Reviews Materials, 2018, 3, .	23.3	1,097
47	Selective sensing of 2,4,6-trinitrophenol (TNP) in aqueous media with â€œaggregation-induced emission enhancementâ€•(AIEE)-active iridium(<scp>iii</scp>) complexes. Chemical Communications, 2018, 54, 1730-1733.	2.2	85
48	Sky-blue emitting bridged diiridium complexes: beneficial effects of intramolecular Ï€â€“Ï€ stacking. Dalton Transactions, 2018, 47, 2086-2098.	1.6	27
49	Fast Data Sorting with Modified Principal Component Analysis to Distinguish Unique Single Molecular Break Junction Trajectories. Physical Review Letters, 2018, 120, 016601.	2.9	32
50	Recent advances in luminescent dinuclear iridium(III) complexes and their application in organic electroluminescent devices. Polyhedron, 2018, 140, 146-157.	1.0	42
51	Polyurethane derivatives for highly sensitive and selective fluorescence detection of 2,4,6-trinitrophenol (TNP). Journal of Materials Chemistry C, 2018, 6, 11287-11291.	2.7	41
52	Highly luminescent 2-phenylpyridine-free diiridium complexes with bulky 1,2-diarylimidazole cyclometalating ligands. Dalton Transactions, 2018, 47, 16524-16533.	1.6	10
53	Thermoelectric Properties of 2,7-Dipyridylfluorene Derivatives in Single-Molecule Junctions. Journal of Physical Chemistry C, 2018, 122, 27198-27204.	1.5	33
54	Importance of Chromophore Rigidity on the Efficiency of Blue Thermally Activated Delayed Fluorescence Emitters. Journal of Physical Chemistry C, 2018, 122, 28564-28575.	1.5	35

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55	New Mixedâ€C[^]N Ligand Trisâ€Cyclometalated Ir^{III} Complexes for Highlyâ€Efficient Green Organic Lightâ€Emitting Diodes with Low Efficiency Rollâ€Off. European Journal of Inorganic Chemistry, 2018, 2018, 4614-4621.	1.0	22
56	Synthesis of Tetracyclic 2,3-Dihydro-1,3-diazepines from a Dinitrodibenzothiophene Derivative. Journal of Organic Chemistry, 2018, 83, 12320-12326.	1.7	6
57	Intramolecular Ï€â€“Ï€ Interactions with a Chiral Auxiliary Ligand Control Diastereoselectivity in a Cyclometalated Ir(III) Complex. Inorganic Chemistry, 2018, 57, 12836-12849.	1.9	8
58	Intramolecular Charge Transfer Controls Switching Between Room Temperature Phosphorescence and Thermally Activated Delayed Fluorescence. Angewandte Chemie, 2018, 130, 16645-16649.	1.6	98
59	Intramolecular Charge Transfer Controls Switching Between Room Temperature Phosphorescence and Thermally Activated Delayed Fluorescence. Angewandte Chemie - International Edition, 2018, 57, 16407-16411.	7.2	230
60	Bond Rotations and Heteroatom Effects in Donorâ€“Acceptorâ€“Donor Molecules: Implications for Thermally Activated Delayed Fluorescence and Room Temperature Phosphorescence. Journal of Organic Chemistry, 2018, 83, 14431-14442.	1.7	61
61	Aggregation-Induced Long-Lived Phosphorescence in Nonconjugated Polyurethane Derivatives at 77 K. Macromolecules, 2018, 51, 4178-4184.	2.2	33
62	The influence of molecular conformation on the photophysics of organic room temperature phosphorescent luminophores. Journal of Materials Chemistry C, 2018, 6, 9238-9247.	2.7	59
63	Heteroatom-Induced Molecular Asymmetry Tunes Quantum Interference in Charge Transport through Single-Molecule Junctions. Journal of Physical Chemistry C, 2018, 122, 14965-14970.	1.5	46
64	Synthesis, Diastereomer Separation, and Optoelectronic and Structural Properties of Dinuclear Cyclometalated Iridium(III) Complexes with Bridging Diarylhydrazide Ligands. Organometallics, 2017, 36, 981-993.	1.1	25
65	Formation of Two-Dimensional Micelles on Graphene: Multi-Scale Theoretical and Experimental Study. ACS Nano, 2017, 11, 3404-3412.	7.3	14
66	A neutral dinuclear Ir(iii) complex for anti-counterfeiting and data encryption. Chemical Communications, 2017, 53, 3022-3025.	2.2	68
67	Regio- and conformational isomerization critical to design of efficient thermally-activated delayed fluorescence emitters. Nature Communications, 2017, 8, 14987.	5.8	235
68	Color Tuning of Efficient Electroluminescence in the Blue and Green Regions Using Heteroleptic Iridium Complexes with 2-Phenoxyoxazole Ancillary Ligands. Organometallics, 2017, 36, 1810-1821.	1.1	16
69	Charge-Gating Dibenzothiophene-S,S-dioxide Bridges in Electron Donorâ€“Bridgeâ€“Acceptor Conjugates. Journal of Physical Chemistry C, 2017, 121, 13557-13569.	1.5	19
70	The contributions of molecular vibrations and higher triplet levels to the intersystem crossing mechanism in metal-free organic emitters. Journal of Materials Chemistry C, 2017, 5, 6269-6280.	2.7	83
71	Solutionâ€Processable Thermally Activated Delayed Fluorescence White OLEDs Based on Dualâ€Emission Polymers with Tunable Emission Colors and Aggregationâ€Enhanced Emission Properties. Advanced Optical Materials, 2017, 5, 1700435.	3.6	99
72	Thermally Activated Delayed Fluorescence in Cu^I Complexes Originating from Restricted Molecular Vibrations. Chemistry - A European Journal, 2017, 23, 11761-11766.	1.7	45

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73	Photophysics of an Asymmetric Donorâ€“Acceptorâ€“Donorâ€² TADF Molecule and Reinterpretation of Aggregation-Induced TADF Emission in These Materials. Journal of Physical Chemistry C, 2017, 121, 17764-17772.	1.5	52
74	An optical and electrical study of full thermally activated delayed fluorescent white organic light-emitting diodes. Scientific Reports, 2017, 7, 6234.	1.6	38
75	Radicalâ€Enhanced Charge Transport in Singleâ€Molecule Phenothiazine Electrical Junctions. Angewandte Chemie - International Edition, 2017, 56, 13061-13065.	7.2	66
76	Radicalâ€Enhanced Charge Transport in Singleâ€Molecule Phenothiazine Electrical Junctions. Angewandte Chemie, 2017, 129, 13241-13245.	1.6	18
77	Pyridylpyrazole N^N ligands combined with sulfonyl-functionalised cyclometalating ligands for blue-emitting iridium(<scp>iii</scp>) complexes and solution-processable PhOLEDs. Dalton Transactions, 2017, 46, 10996-11007.	1.6	17
78	Determination of standard redox rate constants of OLED active compounds by electrochemical impedance spectroscopy. Electrochimica Acta, 2017, 258, 1160-1172.	2.6	9
79	An AIE-active phosphorescent Ir(<scp>iii</scp>) complex with piezochromic luminescence (PCL) and its application for monitoring volatile organic compounds (VOCs). Journal of Materials Chemistry C, 2017, 5, 12189-12193.	2.7	44
80	Aggregation-induced delayed fluorescence (AIDF) materials: a new break-through for nondoped OLEDs. Science China Chemistry, 2017, 60, 1561-1562.	4.2	11
81	Insulated molecular wires: inhibiting orthogonal contacts in metal complex based molecular junctions. Nanoscale, 2017, 9, 9902-9912.	2.8	30
82	Optical and Polarity Control of Donorâ€“Acceptor Conformation and Their Charge-Transfer States in Thermally Activated Delayed-Fluorescence Molecules. Journal of Physical Chemistry C, 2017, 121, 16462-16469.	1.5	40
83	Quantum interference and heteroaromaticity of para- and meta-linked bridged biphenyl units in single molecular conductance measurements. Scientific Reports, 2017, 7, 1794.	1.6	59
84	Bright green PhOLEDs using cyclometalated diiridium(iii) complexes with bridging oxamidato ligands as phosphorescent dopants. Journal of Materials Chemistry C, 2017, 5, 6777-6789.	2.7	30
85	The HOF structures of nitrotetraphenylethene derivatives provide new insights into the nature of AIE and a way to design mechanoluminescent materials. Chemical Science, 2017, 8, 1163-1168.	3.7	110
86	Rational Design of TADF Polymers Using a Donorâ€“Acceptor Monomer with Enhanced TADF Efficiency Induced by the Energy Alignment of Charge Transfer and Local Triplet Excited States. Advanced Optical Materials, 2016, 4, 597-607.	3.6	235
87	A simple oxazoline as fluorescent sensor for Zn 2+ in aqueous media. Inorganic Chemistry Communication, 2016, 69, 89-93.	1.8	19
88	Achieving very bright mechanoluminescence from purely organic luminophores with aggregation-induced emission by crystal design. Chemical Science, 2016, 7, 5307-5312.	3.7	125
89	Combined aggregation induced emission (AIE), photochromism and photoresponsive wettability in simple dichloro-substituted triphenylethylene derivatives. Chemical Science, 2016, 7, 5302-5306.	3.7	95
90	Triplet harvesting at room temperature in metal free organic materials: photophysics and applications (Conference Presentation). , 2016, , .		0

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91	Experimental and Computational Studies of the Single-Molecule Conductance of Ru(II) and Pt(II) trans-Bis(acetylide) Complexes. Organometallics, 2016, 35, 2944-2954.	1.1	49
92	Sulfonyl-Substituted Heteroleptic Cyclometalated Iridium(III) Complexes as Blue Emitters for Solution-Processable Phosphorescent Organic Light-Emitting Diodes. Inorganic Chemistry, 2016, 55, 8612-8627.	1.9	32
93	Using Guestâ€"Host Interactions To Optimize the Efficiency of TADF OLEDs. Journal of Physical Chemistry Letters, 2016, 7, 3341-3346.	2.1	227
94	Pendant Homopolymer and Copolymers as Solution-Processable Thermally Activated Delayed Fluorescence Materials for Organic Light-Emitting Diodes. Macromolecules, 2016, 49, 5452-5460.	2.2	145
95	The Role of Local Triplet Excited States and Dâ€A Relative Orientation in Thermally Activated Delayed Fluorescence: Photophysics and Devices. Advanced Science, 2016, 3, 1600080.	5.6	403
96	Rational design and characterization of heteroleptic phosphorescent iridium(<scp>iii</scp>) complexes for highly efficient deep-blue OLEDs. Journal of Materials Chemistry C, 2016, 4, 10246-10252.	2.7	48
97	Intermolecular Electronic Coupling of Organic Units for Efficient Persistent Roomâ€Temperature Phosphorescence. Angewandte Chemie, 2016, 128, 2221-2225.	1.6	156
98	Intermolecular Electronic Coupling of Organic Units for Efficient Persistent Roomâ€Temperature Phosphorescence. Angewandte Chemie - International Edition, 2016, 55, 2181-2185.	7.2	548
99	Novel Emitting System Based on a Multifunctional Bipolar Phosphor: An Effective Approach for Highly Efficient Warmâ€White Lightâ€Emitting Devices with High Colorâ€Rendering Index at High Luminance. Advanced Materials, 2016, 28, 5963-5968.	11.1	92
100	Solvent Dependence of the Single Molecule Conductance of Oligoyne-Based Molecular Wires. Journal of Physical Chemistry C, 2016, 120, 15666-15674.	1.5	67
101	Themed issue on small molecules and monodisperse oligomers for organic electronics. Journal of Materials Chemistry C, 2016, 4, 3675-3676.	2.7	7
102	Achieving remarkable mechanochromism and white-light emission with thermally activated delayed fluorescence through the molecular heredity principle. Chemical Science, 2016, 7, 2201-2206.	3.7	210
103	The interplay of thermally activated delayed fluorescence (TADF) and room temperature organic phosphorescence in sterically-constrained donorâ€"acceptor charge-transfer molecules. Chemical Communications, 2016, 52, 2612-2615.	2.2	217
104	Engineering the singletâ€"triplet energy splitting in a TADF molecule. Journal of Materials Chemistry C, 2016, 4, 3815-3824.	2.7	175
105	Key role of the linker in pyrene-linker-carboxylate surfactants for the efficient aqueous dispersion of multiwalled carbon nanotubes. RSC Advances, 2015, 5, 95360-95368.	1.7	6
106	Oligo(pâ€phenyleneethynylene) (OPE) Molecular Wires: Synthesis and Length Dependence of Photoinduced Charge Transfer in OPEs with Triarylamine and Diaryloxadiazole End Groups. Chemistry - A European Journal, 2015, 21, 3997-4007.	1.7	33
107	Solution-Processed Blue/Deep Blue and White Phosphorescent Organic Light-Emitting Diodes (PhOLEDs) Hosted by a Polysiloxane Derivative with Pendant mCP (1,3-bis(9-carbazolyl)benzene). ACS Applied Materials & Interfaces, 2015, 7, 27989-27998.	4.0	44
108	Syntheses and Structures of Buta-1,3-Diynyl Complexes from â€œon Complexâ€•Cross-Coupling Reactions. Organometallics, 2015, 34, 2395-2405.	1.1	16

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109	Reversible Thermal Switching of Aqueous Dispersibility of Multiwalled Carbon Nanotubes. Chemistry - A European Journal, 2015, 21, 3891-3894.	1.7	13
110	The role of exciplex states in phosphorescent OLEDs with poly(vinylcarbazole) (PVK) host. Organic Electronics, 2015, 20, 97-102.	1.4	21
111	Fluorene co-polymers with high efficiency deep-blue electroluminescence. Journal of Materials Chemistry C, 2015, 3, 2479-2483.	2.7	23
112	Correlation of breaking forces, conductances and geometries of molecular junctions. Scientific Reports, 2015, 5, 9002.	1.6	48
113	New AIE-active dinuclear Ir(<scp>iii</scp>) complexes with reversible piezochromic phosphorescence behaviour. Chemical Communications, 2015, 51, 13036-13039.	2.2	63
114	A quantum circuit rule for interference effects in single-molecule electrical junctions. Nature Communications, 2015, 6, 6389.	5.8	164
115	Arylsilanes and siloxanes as optoelectronic materials for organic light-emitting diodes (OLEDs). Journal of Materials Chemistry C, 2015, 3, 9496-9508.	2.7	80
116	Anion-specific aggregation induced phosphorescence emission (AIPE) in an ionic iridium complex in aqueous media. Chemical Communications, 2015, 51, 16924-16927.	2.2	43
117	High brightness deep blue/violet fluorescent polymer light-emitting diodes (PLEDs). Journal of Materials Chemistry C, 2015, 3, 9664-9669.	2.7	29
118	Electrochemical Control of Single-Molecule Conductance by Fermi-Level Tuning and Conjugation Switching. Journal of the American Chemical Society, 2014, 136, 17922-17925.	6.6	119
119	Very High Efficiency Orangeâ€Red Lightâ€Emitting Devices with Low Rollâ€Off at High Luminance Based on an Ideal Hostâ€“Guest System Consisting of Two Novel Phosphorescent Iridium Complexes with Bipolar Transport. Advanced Functional Materials, 2014, 24, 7420-7426.	7.8	100
120	Electrophosphorescence: Very High Efficiency Orange-Red Light-Emitting Devices with Low Roll-Off at High Luminance Based on an Ideal Host-Guest System Consisting of Two Novel Phosphorescent Iridium		

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127	New ionic dinuclear Ir(iii) Schiff base complexes with aggregation-induced phosphorescent emission (AIPE). Chemical Communications, 2014, 50, 6977-6980.	2.2	61
128	A versatile hybrid polyphenylsilane host for highly efficient solution-processed blue and deep blue electrophosphorescence. Journal of Materials Chemistry C, 2014, 2, 8277-8284.	2.7	32
129	Structural versus Electrical Functionalization of Oligo(phenylene ethynylene) Diamine Molecular Junctions. Journal of Physical Chemistry C, 2014, 118, 21655-21662.	1.5	42
130	Highly Efficient TADF OLEDs: How the Emitterâ€"Host Interaction Controls Both the Excited State Species and Electrical Properties of the Devices to Achieve Near 100% Triplet Harvesting and High Efficiency. Advanced Functional Materials, 2014, 24, 6178-6186.	7.8	273
131	Oligosiloxane Functionalized with Pendant (1,3â€Bis(9â€carbazolyl)benzene) (mCP) for Solutionâ€Processed Organic Electronics. Chemistry - A European Journal, 2014, 20, 16233-16241.	1.7	17
132	Bimetallic Cyclometalated Iridium(III) Diastereomers with Nonâ€Innocent Bridging Ligands for Highâ€Efficiency Phosphorescent OLEDs. Angewandte Chemie - International Edition, 2014, 53, 11616-11619.	7.2	65
133	Efficient deep blue fluorescent polymer light-emitting diodes (PLEDs). Journal of Materials Chemistry C, 2014, 2, 5587-5592.	2.7	38
134	Single-Molecule Conductance of Functionalized Oligoynes: Length Dependence and Junction Evolution. Journal of the American Chemical Society, 2013, 135, 12228-12240.	6.6	277
135	Oligo(aryleneethynylene)s with Terminal Pyridyl Groups: Synthesis and Length Dependence of the Tunneling-to-Hopping Transition of Single-Molecule Conductances. Chemistry of Materials, 2013, 25, 4340-4347.	3.2	110
136	Focused ion beam and field-emission microscopy of metallic filaments in memory devices based on thin films of an ambipolar organic compound consisting of oxadiazole, carbazole, and fluorene units. Applied Physics Letters, 2013, 102, .	1.5	21
137	New oxazoline- and thiazoline-containing heteroleptic iridium(iii) complexes for highly-efficient phosphorescent organic light-emitting devices (PhOLEDs): colour tuning by varying the electroluminescence bandwidth. Journal of Materials Chemistry C, 2013, 1, 6800.	2.7	27
138	Efficient Lightâ€Emitting Electrochemical Cells (LECs) Based on Ionic Iridium(III) Complexes with 1,3,4â€Oxadiazole Ligands. Advanced Functional Materials, 2013, 23, 4667-4677.	7.8	53
139	Modification of Electrode Surfaces by Selfâ€Assembled Monolayers of Thiolâ€Terminated Oligo(Phenyleneethynylene)s. ChemPhysChem, 2013, 14, 431-440.	1.0	21
140	Precise Control of Intramolecular Chargeâ€Transport: The Interplay of Distance and Conformational Effects. Chemistry - A European Journal, 2013, 19, 7575-7586.	1.7	21
141	Cyclometalated Ir(III) Complexes for High-Efficiency Solution-Processable Blue PhOLEDs. Chemistry of Materials, 2013, 25, 2352-2358.	3.2	108
142	Triplet Harvesting with 100% Efficiency by Way of Thermally Activated Delayed Fluorescence in Charge Transfer OLED Emitters. Advanced Materials, 2013, 25, 3707-3714.	11.1	861
143	The role of vibrations in singleâ€molecule charge transport: A case study of oligoynes with pyridine anchor groups. Physica Status Solidi (B): Basic Research, 2013, 250, 2452-2457.	0.7	17
144	An approach to measure electromechanical properties of atomic and molecular junctions. Journal of Physics Condensed Matter, 2012, 24, 164210.	0.7	18

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145	Synthesis, Characterization, and OFET and OLED Properties of Ï€-Extended Ladder-Type Heteroacenes Based on Indolodibenzothiophene. Bulletin of the Chemical Society of Japan, 2012, 85, 136-143.	2.0	20
146	Thermally Induced Defluorination during a mer to fac Transformation of a Blue-Green Phosphorescent Cyclometalated Iridium(III) Complex. Inorganic Chemistry, 2012, 51, 290-297.	1.9	73
147	Single Molecular Conductance of Tolanes: Experimental and Theoretical Study on the Junction Evolution Dependent on the Anchoring Group. Journal of the American Chemical Society, 2012, 134, 2292-2304.	6.6	381
148	Colour tuning of blue electroluminescence using bipolar carbazoleâ€“oxadiazole molecules in single-active-layer organic light emitting devices (OLEDs). Journal of Materials Chemistry, 2012, 22, 11816.	6.7	79
149	Colour tuning from green to red by substituent effects in phosphorescent tris-cyclometalated iridium(iii) complexes of carbazole-based ligands: synthetic, photophysical, computational and high efficiency OLED studies. Journal of Materials Chemistry, 2012, 22, 6419.	6.7	96
150	Dinuclear iridium(iii) complexes of cyclometalated fluorenylpyridine ligands as phosphorescent dopants for efficient solution-processed OLEDs. Journal of Materials Chemistry, 2012, 22, 13529.	6.7	41
151	Experimental Evidence for Quantum Interference and Vibrationally Induced Decoherence in Single-Molecule Junctions. Physical Review Letters, 2012, 109, 056801.	2.9	185
152	Solution-processable ambipolar host oligomers with high triplet energies for phosphorescent green emitters. Journal of Materials Chemistry, 2011, 21, 18439.	6.7	20
153	Unusual Dinuclear and Mononuclear Cyclometalated Iridium Complexes of 2,5-Diaryl-1,3,4-oxadiazole Derivatives. Inorganic Chemistry, 2011, 50, 3354-3362.	1.9	39
154	Nucleophilic Substitution of Fluorine Atoms in 2,6-Difluoro-3-(pyridin-2-yl)benzonitrile Leading to Soluble Blue-Emitting Cyclometalated Ir(III) Complexes. Journal of Organic Chemistry, 2011, 76, 5143-5148.	1.7	38
155	Efficient Deep-Blue Electroluminescence from an Ambipolar Fluorescent Emitter in a Single-Active-Layer Device. Chemistry of Materials, 2011, 23, 1640-1642.	3.2	112
156	Ï€-conjugation and charge polarization in fluorene-dibenzothiophene-S,S-dioxide co-oligomers by Raman spectroscopy and quantum chemistry. Journal of Chemical Physics, 2011, 134, 044520.	1.2	13
157	Bipolar Molecules with High Triplet Energies: Synthesis, Photophysical, and Structural Properties. Journal of Organic Chemistry, 2011, 76, 8300-8310.	1.7	63
158	Unambiguous One-Molecule Conductance Measurements under Ambient Conditions. Nano Letters, 2011, 11, 2236-2241.	4.5	81
159	Synthesis and characterization of fluoreneâ€based oligomers and polymers incorporating Nâ€arylphenothiazineâ€S,Sâ€dioxide units. Journal of Polymer Science Part A, 2011, 49, 1129-1137.	2.5	19
160	The Î² Phase Formation Limit in Two Poly(9,9â€diâ€nâ€octylfluorene) based Copolymers. Macromolecular Rapid Communications, 2011, 32, 983-987.	2.0	12
161	Highly Efficient, Solutionâ€Processed, Singleâ€Layer, Electrophosphorescent Diodes and the Effect of Molecular Dipole Moment. Advanced Functional Materials, 2011, 21, 2376-2382.	7.8	66
162	Iterative and regioselective cross-couplings of 2-chloro-3,4-diiodopyridine leading to 2,3,4-triheteroarylpyridines. Tetrahedron, 2010, 66, 668-675.	1.0	27

#	Article	IF	Citations
163	Divergent synthesis of arylated pyridin-2(1H)-one derivatives via metal-catalysed cross-coupling processes. Tetrahedron, 2010, 66, 6138-6149.	1.0	20
164	Luminescent Platinum(II) Complexes Containing Cyclometallated Diaryl Ketimine Ligands: Synthesis, Photophysical and Computational Properties. European Journal of Inorganic Chemistry, 2010, 2010, 1963-1972.	1.0	25
165	Recent Advances in White Organic Lightâ€Emitting Materials and Devices (WOLEDs). Advanced Materials, 2010, 22, 572-582.	11.1	1,017
166	Efficient Intramolecular Charge Transfer in Oligoyneâ€Linked Donorâ€"Ïâ€"Acceptor Molecules. Chemistry - A European Journal, 2010, 16, 1470-1479.	1.7	49
167	An unusual synthesis of a spirothioxanthene derivative. Tetrahedron Letters, 2010, 51, 6605-6607.	0.7	8
168	Characterization of the porous nature of a phthalocyanine derivative with axial ligation designed to prevent aggregation. Journal of Porphyrins and Phthalocyanines, 2010, 14, 389-396.	0.4	1
169	Raman Spectra and Quantum Chemistry Calculations of Fluorene-Dibenzothiophene-S,S- dioxide Oligomers. , 2010, , .		0
170	Synthesis and Spectroscopy of Poly(9,9-dioctylfluorene-2,7-diyl-co-2,8-dihexyldibenzothiophene-S,S-dioxide-3,7-diyl)s: Solution-Processable, Deep-Blue Emitters with a High Triplet Energy. Macromolecules, 2010, 43, 4481-4488.	2.2	64
171	Molecular Bridging of Silicon Nanogaps. ACS Nano, 2010, 4, 7401-7406.	7.3	37
172	Tuning the Intramolecular Charge Transfer Emission from Deep Blue to Green in Ambipolar Systems Based on Dibenzothiophene S,S-Dioxide by Manipulation of Conjugation and Strength of the Electron Donor Units. Journal of Organic Chemistry, 2010, 75, 6771-6781.	1.7	114
173	Identifying Diversity in Nanoscale Electrical Break Junctions. Journal of the American Chemical Society, 2010, 132, 9157-9164.	6.6	124
174	Synthesis and Properties of Functionalized Oligo(arylene) Molecular Wires with Thiolated Termini: Competing Thiol-Au and Nitro-Au Assembly. Journal of Organic Chemistry, 2010, 75, 130-136.	1.7	17
175	Control over Charge Transfer through Molecular Wires by Temperature and Chemical Structure Modifications. ACS Nano, 2010, 4, 6449-6462.	7.3	32
176	The interplay of conformation and photophysical properties in deep-blue fluorescent oligomers. Chemical Communications, 2010, 46, 4812.	2.2	48
177	Comparative electrochemical and impedance studies of self-assembled rigid-rod molecular wires and alkanethiols on gold substrates. Physical Chemistry Chemical Physics, 2010, 12, 14804.	1.3	15
178	Exploiting a Dualâ€Fluorescence Process in Fluoreneâ€"Dibenzothiopheneâ€S,Sâ€dioxideCoâ€Polymers to Give Efficient Single Polymer LEDs with Broadened Emission. Advanced Functional Materials, 2009, 19, 586-591.	7.8	108
179	Ionic Iridium(III) Complexes with Bulky Side Groups for Use in Light Emitting Cells: Reduction of Concentration Quenching. Advanced Functional Materials, 2009, 19, 2038-2044.	7.8	136
180	Exciton Diffusion in Polyfluorene Copolymer Thin Films: Kinetics, Energy Disorder and Thermally Assisted Hopping. ChemPhysChem, 2009, 10, 2096-2104.	1.0	35

#	Article	IF	Citations
181	N-Arylation of nitrogen heterocycles with 2,4-difluoroiodobenzene. Tetrahedron, 2009, 65, 855-861.	1.0	37
182	Oligoyne Single Molecule Wires. Journal of the American Chemical Society, 2009, 131, 15647-15654.	6.6	206
183	Trifluoromethyl-substituted pyridyl- and pyrazolylboronic acids and esters: synthesis and Suzukiâ€“Miyaura cross-coupling reactions. Organic and Biomolecular Chemistry, 2009, 7, 2155.	1.5	46
184	Cationic Bisâ€cyclometallated Iridium(<scp>III)</scp> Phenanthroline Complexes with Pendant Fluorenyl Substituents: Synthesis, Redox, Photophysical Properties and Lightâ€Emitting Cells. Chemistry - A European Journal, 2008, 14, 933-943.	1.7	105
185	Contrasting Photodynamics between C₆₀â€“Dithiapyrene and C₆₀â€“Pyrene Dyads. Chemistry - A European Journal, 2008, 14, 250-258.	1.7	23
186	Combining High Electron Affinity and Intramolecular Charge Transfer in 1,3â€Dithioleâ€“Nitrofluorene Pushâ€“Pull Diads. Chemistry - A European Journal, 2008, 14, 2757-2770.	1.7	27
187	(Dimethoxyâ€and Dihalopyridyl)boronic Acids and Highly Functionalized Heteroarylpyridines by Suzuki Crossâ€Coupling Reactions. European Journal of Organic Chemistry, 2008, 2008, 1458-1463.	1.2	25
188	Sequential Metalâ€Catalyzed Nâ€Heteroarylation and Câ€“C Crossâ€Coupling Reactions: An Expedient Route to Tris(hetero)aryl Systems. European Journal of Organic Chemistry, 2008, 2008, 2746-2750.	1.2	35
189	Synthesis, Structures and Reactions of Isolable Terminal Aryl/Biarylâ€butadiynes (Arâ€“Câ‰¡Câ€“Câ‰¡CH). European Journal of Organic Chemistry, 2008, 2008, 5093-5098.	1.2	14
190	Dipolar Stabilization of Emissive Singlet Charge Transfer Excited States in Polyfluorene Copolymers. Journal of Physical Chemistry B, 2008, 112, 6557-6566.	1.2	67
191	Carbon-rich molecules: synthesis and isolation of aryl/heteroaryl terminal bis(butadiynes) (HCî€,Câ€“Cî€,Câ€“Arâ€“Cî€,Câ€“Cî€,CH) and their applications in the synthesis of oligo(arylenebutadiynylene) molecular wires. Organic and Biomolecular Chemistry, 2008, 6, 1934.	1.5	28
192	Electrical Conductance of Conjugated Oligomers at the Single Molecule Level. Journal of the American Chemical Society, 2008, 130, 1080-1084.	6.6	180
193	Functionalized Heteroarylpyridazines and Pyridazin-3(2H)-one Derivatives via Palladium-Catalyzed Cross-Coupling Methodology. Journal of Organic Chemistry, 2008, 73, 2176-2181.	1.7	37
194	Synthesis and Properties of Functionalized 4 nm Scale Molecular Wires with Thiolated Termini for Self-Assembly onto Metal Surfaces. Journal of Organic Chemistry, 2008, 73, 4810-4818.	1.7	27
195	Synthesis and Crystal Structures of Isolable Terminal Aryl Hexatriyne and Octatetrayne Derivatives: Arâ^'(Câ‰¡C)_nH (n = 3, 4). Organic Letters, 2008, 10, 3069-3072.	2.4	41
196	Variable contact gap single-molecule conductance determination for a series of conjugated molecular bridges. Journal of Physics Condensed Matter, 2008, 20, 374119.	0.7	49
197	Electrical behavior of memory devices based on fluorene-containing organic thin films. Journal of Applied Physics, 2008, 104, 044510.	1.1	30
198	Electrical characterization of 7 nm long conjugated molecular wires: experimental and theoretical studies. Nanotechnology, 2007, 18, 044005.	1.3	13

#	Article	IF	Citations
199	Determination of the attenuation factor in fluorene-based molecular wires. Chemical Communications, 2007, , 5164.	2.2	57
200	Thiolated Ï€-Extended Tetrathiafulvalenes:Â Versatile Multifunctional Ï€-Systems. Journal of Organic Chemistry, 2007, 72, 1301-1308.	1.7	43
201	Blue organic light emitting devices with improved colour purity and efficiency through blending of poly(9,9-dioctyl-2,7-fluorene) with an electron transporting material. Journal of Materials Chemistry, 2007, 17, 2996.	6.7	42
202	Electronic memory device based on a single-layer fluorene-containing organic thin film. Applied Physics Letters, 2007, 91, 123506.	1.5	40
203	White organic light-emitting devices incorporating nanoparticles of IIâ€“VI semiconductors. Nanotechnology, 2007, 18, 335202.	1.3	28
204	Energy Transfer in Oligofluorene-C₆₀ and C₆₀-Oligofluorene-C₆₀ Donorâ^'Acceptor Conjugates. Journal of Organic Chemistry, 2007, 72, 6662-6671.	1.7	41
205	Tris-Cyclometalated Iridium(III) Complexes of Carbazole(fluorenyl)pyridine Ligands: Synthesis, Redox and Photophysical Properties, and Electrophosphorescent Light-Emitting Diodes. Chemistry - A European Journal, 2007, 13, 1423-1431.	1.7	109
206	Porphyrin, Phthalocyanine and Porphyrazine Derivatives with Multifluorenyl Substituents as Efficient Deep-Red Emitters. Chemistry - A European Journal, 2007, 13, 6710-6717.	1.7	61
207	A Tris-Cyclometalated Iridium(III) Complex of 2-(5,5-Dioxido-dibenzothiophen-3-yl)pyridine: Synthesis, Structural, Redox and Photophysical Properties. European Journal of Inorganic Chemistry, 2007, 2007, 4808-4814.	1.0	25
208	Functionalized 8 nm Long Aryleneethynylene Molecular Wire with Alkyne Termini. European Journal of Organic Chemistry, 2007, 2007, 5244-5249.	1.2	12
209	New Pyrimidylboronic Acids and Functionalized Heteroarylpyrimidines by Suzuki Crossâ€Coupling Reactions. European Journal of Organic Chemistry, 2007, 2007, 5712-5716.	1.2	24
210	Organic rectifying junctions from an electron-accepting molecular wire and an electron-donating phthalocyanine. Chemical Communications, 2006, , 1640.	2.2	14
211	Intramolecular Charge Transfer Assisted by Conformational Changes in the Excited State of Fluorene-dibenzothiophene-S,S-dioxide Co-oligomers. Journal of Physical Chemistry B, 2006, 110, 19329-19339.	1.2	130
212	Single-molecule electrical studies on a 7 nm long molecular wire. Chemical Communications, 2006, , 4706.	2.2	56
213	Are Terminal Aryl Butadiynes Stable? Synthesis and X-ray Crystal Structures of a Series of Aryl- and Heteroaryl-butadiynes (Arâ^'Câ‹®Câ^'Câ‹®Câ^'H). Journal of Organic Chemistry, 2006, 71, 8541-8544.	1.7	32
214	Bridged diiridium complexes for electrophosphorescent OLEDs: synthesis, X-ray crystal structures, photophysics, and devices. Journal of Materials Chemistry, 2006, 16, 1046.	6.7	61
215	Nanoscale aryleneethynylene oligomers incorporating fluorenone units as electron-dopable molecular wires. Faraday Discussions, 2006, 131, 221-234.	1.6	18
216	New electroluminescent bipolar compounds for balanced charge-transport and tuneable colour in organic light emitting diodes: triphenylamineâ€“oxadiazoleâ€“fluorene triad molecules. Journal of Materials Chemistry, 2006, 16, 3823-3835.	6.7	122

#	Article	IF	Citations
217	Extreme Conformational Constraints in Ï€-Extended Tetrathiafulvalenes:Â Unusual Topologies and Redox Behavior of Doubly and Triply Bridged Cyclophanes. Journal of the American Chemical Society, 2006, 128, 10484-10490.	6.6	29
218	Convergent Synthesis of 10 nm Aryleneethynylene Molecular Wires by an Iterative Regioselective Deprotection/Sonogashira Coupling Protocol. Journal of Organic Chemistry, 2006, 71, 108-116.	1.7	40
219	Calix[6]arene Derivatives Selectively Functionalized at Alternate Sites on the Smaller Rim with 2-Phenylpyridine and 2-Fluorenylpyridine Substituents to Provide Deep Cavities. Journal of Organic Chemistry, 2006, 71, 9589-9594.	1.7	11
220	Molecular Wires Comprising Ï€-Extended Ethynyl- and Butadiynyl-2,5-Diphenyl-1,3,4-Oxadiazole Derivatives:Â Synthesis, Redox, Structural, and Optoelectronic Properties. Journal of the American Chemical Society, 2006, 128, 3789-3799.	6.6	104
221	Precision control of single-molecule electrical junctions. Nature Materials, 2006, 5, 995-1002.	13.3	294
222	Synthesis of new axially-disubstituted silicon-phthalocyanine derivatives: optical and structural characterisation. Tetrahedron, 2006, 62, 9433-9439.	1.0	54
223	Electronic Interactions in a New Ï€-Extended Tetrathiafulvalene Dimer. Chemistry - A European Journal, 2006, 12, 2709-2721.	1.7	33
224	The Interplay of Inverted Redox Potentials and Aromaticity in the Oxidized States of New Ï€-Electron Donors: 9-(1,3-Dithiol-2-ylidene)fluorene and 9-(1,3-Dithiol-2-ylidene)thioxanthene Derivatives. Chemistry - A European Journal, 2006, 12, 3389-3400.	1.7	33
225	Remarkable Interplay of Redox States and Conformational Changes in a Sterically Crowded, Cross-Conjugated Tetrathiafulvalene Vinylog. Chemistry - A European Journal, 2006, 12, 5481-5494.	1.7	8
226	2-Ethoxy-3-pyridylboronic acid: a versatile reagent for the synthesis of highly-functionalised 3-aryl/heteroaryl-pyridines via Suzuki cross-coupling reactions. Tetrahedron, 2005, 61, 5131-5135.	1.0	20
227	Palladium-Catalyzed Cross-Coupling Reactions of Pyridylboronic Acids with Heteroaryl Halides Bearing a Primary Amine Group:Â Synthesis of Highly Substituted Bipyridines and Pyrazinopyridines. Journal of Organic Chemistry, 2005, 70, 388-390.	1.7	106
228	Molecules with Exceptionally Small HOMO-LUMO Gaps. Angewandte Chemie - International Edition, 2005, 44, 5370-5373.	7.2	175
229	The First Studies of a Tetrathiafulvalene-Ïƒ-Acceptor Molecular Rectifier. Chemistry - A European Journal, 2005, 11, 2914-2922.	1.7	106
230	Palladium-Catalyzed Cross-Coupling Reactions of Pyridylboronic Acids with Heteroaryl Halides Bearing a Primary Amine Group: Synthesis of Highly Substituted Bipyridines and Pyrazinopyridines.. ChemInform, 2005, 36, no.	0.1	0
231	A Versatile Synthesis of Pyrazolo[3,4-c]isoquinoline Derivatives by Reaction of 4-Aryl-5-aminopyrazoles with Aryl/Heteroaryl Aldehydes: The Effect of the Heterocycle on the Reaction Pathways.. ChemInform, 2005, 36, no.	0.1	0
232	2-Ethoxy-3-pyridylboronic Acid (I): A Versatile Reagent for the Synthesis of Highly-Functionalized 3-Aryl/heteroaryl-pyridines via Suzuki Cross-Coupling Reactions.. ChemInform, 2005, 36, no.	0.1	0
233	Molecules with Exceptionally Small HOMOâ€"LUMO Gaps. ChemInform, 2005, 36, no.	0.1	0
234	Practical Syntheses ofN-Hexylcarbazol-2-yl- and -3-yl-boronic Acids, Their Cross-Coupled Products and a Derived Tris-cyclometalated (Pyridin-2-yl)carbazole Iridium(III) Complex. Synthesis, 2005, 2005, 1619-1624.	1.2	2

#	Article	IF	Citations
235	White polymeric light-emitting diode based on a fluorene polymerâˆ•Ir complex blend system. Applied Physics Letters, 2005, 86, 121101.	1.5	134
236	Enhanced electron injection and efficiency in blended-layer organic light emitting diodes with aluminium cathodes: new 2,5-diaryl-1,3,4-oxadiazoleâ€“fluorene hybrids incorporating pyridine units. Journal of Materials Chemistry, 2005, 15, 5164.	6.7	26
237	Oligo(fluorenyl)pyridine ligands and their tris-cyclometalated iridium(iii) complexes: synthesis, photophysical properties and electrophosphorescent devices. Journal of Materials Chemistry, 2005, 15, 4963.	6.7	42
238	New 2,5-diaryl-1,3,4-oxadiazoleâ€“fluorene hybrids as electron transporting materials for blended-layer organic light emitting diodes. Journal of Materials Chemistry, 2005, 15, 194-203.	6.7	74
239	A versatile synthesis of pyrazolo[3,4-c]isoquinoline derivatives by reaction of 4-aryl-5-aminopyrazoles with aryl/heteroaryl aldehydes: the effect of the heterocycle on the reaction pathways. Organic and Biomolecular Chemistry, 2005, 3, 932.	1.5	20
240	Dibenzothiophene-S,S-dioxideâ€“fluorene co-oligomers. Stable, highly-efficient blue emitters with improved electron affinity. Chemical Communications, 2005, , 3397.	2.2	118
241	Functionalised 9-(1,3-dithiol-2-ylidene)thioxanthene derivatives: a C60 conjugate as an ambipolar organic field effect transistor (OFET). Journal of Materials Chemistry, 2005, , .	6.7	2
242	Thermal annealing of blended-layer organic light-emitting diodes. Journal of Applied Physics, 2005, 98, 054508.	1.1	28
243	Self-Assembly and Multistage Redox Chemistry of Strong Electron Acceptors on Metal Surfaces:Â Polynitrofluorenes on Gold and Platinum. Langmuir, 2005, 21, 8824-8831.	1.6	4
244	Electron-transporting materials for organic electroluminescent and electrophosphorescent devices. Journal of Materials Chemistry, 2005, 15, 94.	6.7	595
245	Electrochromic Tetrathiafulvalene Derivatives Functionalized with 2,5-Diaryl-1,3,4-oxadiazole Chromophores.. ChemInform, 2004, 35, no.	0.1	1
246	5-Pyrimidylboronic Acid and 2-Methoxy-5-pyrimidylboronic Acid: New Heteroarylpyrimidine Derivatives via Suzuki Cross-Coupling Reactions.. ChemInform, 2004, 35, no.	0.1	0
247	Electrochromic tetrathiafulvalene derivatives functionalised with 2,5-diaryl-1,3,4-oxadiazole chromophoresElectronic Supplementary Information (ESI) available: spectroelectrochemistry of 3 and 4; 1H-NMR spectra and cyclic voltammograms for 3, 4 and 5; crystallographic information for 5. See http://www.rsc.org/suppdata/cc/b3/b316243p/. Chemical Communications, 2004, , 578.	2.2	33
248	2,5-Di(aryleneethynyl)pyrazine derivatives: synthesis, structural and optoelectronic properties, and light-emitting device. New Journal of Chemistry, 2004, 28, 912-918.	1.4	40
249	5-Pyrimidylboronic acid and 2-methoxy-5-pyrimidylboronic acid: new heteroarylpyrimidine derivatives via Suzuki cross-coupling reactions. Organic and Biomolecular Chemistry, 2004, 2, 852.	1.5	44
250	Nanoscale Aryleneethynylene Molecular Wires with Reversible Fluorenone Electrochemistry for Self-Assembly onto Metal Surfaces. Organic Letters, 2004, 6, 2181-2184.	2.4	48
251	Organic light-emitting diodes based on a blend of poly[2-(2-ethylhexyloxy)-5-methoxy-1,4-phenylenevinylene] and an electron transporting material. Applied Physics Letters, 2004, 85, 1283-1285.	1.5	40
252	Ethynyl Ï€-extended 2,5-diphenyl-1,3,4-oxadiazoles and 2-phenyl 5-(2-thienyl)-1,3,4-oxadiazoles: synthesis, X-ray crystal structures and optical properties. Organic and Biomolecular Chemistry, 2004, 2, 3363-3367.	1.5	18

#	Article	IF	Citations
253	Functionalisation reactions of 2,5-diphenyl-1,3,4-oxadiazoles bearing a terminal ethynyl or butadiynyl substituent: X-ray crystal structures of the products. Organic and Biomolecular Chemistry, 2004, 2, 858.	1.5	7
254	Arborol-Functionalised Tetrathiafulvalene Derivatives: Synthesis and Thin-Film Formation. European Journal of Organic Chemistry, 2003, 2003, 3562-3568.	1.2	26
255	Functionalized Pyridylboronic Acids and Their Suzuki Cross-Coupling Reactions to Yield Novel Heteroarylpyridines.. ChemInform, 2003, 34, no.	0.1	0
256	New Ï€-Electron-Rich Donors and Cavities and Their Supramolecular Assemblies: Synthesis, Electrochemistry and Crystal Structures. ChemInform, 2003, 34, no.	0.1	0
257	5-Formyl-2-furylboronic Acid as a Versatile Bifunctional Reagent for the Synthesis of Ï€-Extended Heteroarylfuran Systems.. ChemInform, 2003, 34, no.	0.1	0
258	Planar Chiral 2-Ferrocenyloxazolines and 1,1â€²-Bis(oxazolinyl)ferrocenes â€" Syntheses and Applications in Asymmetric Catalysis. ChemInform, 2003, 34, no.	0.1	0
259	A Covalent Tetrathiafulvaleneâ€"Tetracyanoquinodimethane Diad: Extremely Low HOMOâ€"LUMO Gap, Thermoexcited Electron Transfer, and High-Quality Langmuirâ€"Blodgett Films. Angewandte Chemie - International Edition, 2003, 42, 4636-4639.	7.2	104
260	Planar chiral 2-ferrocenyloxazolines and 1,1â€²-bis(oxazolinyl)ferrocenesâ€"syntheses and applications in asymmetric catalysis. Tetrahedron: Asymmetry, 2003, 14, 2297-2325.	1.8	220
261	5-Formyl-2-furylboronic acid as a versatile bifunctional reagent for the synthesis of Ï€-extended heteroarylfuran systemsElectronic supplementary information (ESI) available: synthesis and characterisation data for 3â€"17. See http://www.rsc.org/suppdata/ob/b3/b302767h/. Organic and Biomolecular Chemistry, 2003, 1, 1447-1449.	1.5	17
262	Probing Charge Separation in Structurally Different C60/exTTF Ensembles. Journal of Organic Chemistry, 2003, 68, 7711-7721.	1.7	49
263	New pyrimidine- and fluorene-containing oligo(arylene)s: synthesis, crystal structures, optoelectronic properties and a theoretical study. Organic and Biomolecular Chemistry, 2003, 1, 3069-3077.	1.5	62
264	New strategies and building blocks for functionalised 9,10-bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene derivatives, including pyrrolo-annelated derivatives and Ï€-extended systems with intramolecular charge-transferThis paper is Molecular Saddles Part 10. For Part 9 see reference 5c.Electronic supplementary information (ESI) available: NOE spectra for compound 23. See http://www.rsc.org/suppdata/ob/b2/b211153p/. Organic and Biomolecular Chemistry, 2003, 1, 511-522.	1.5	19
265	Phenyleneâ€"2,5-dimethylpyrazine co-oligomers: synthesis by Suzuki couplings, X-ray structures of neutral and diprotonated teraryl species and efficient blue emission. Journal of Materials Chemistry, 2003, 13, 1554-1557.	6.7	26
266	Surface confined pseudorotaxanes with electrochemically controllable complexation propertiesElectronic supplementary information (ESI) available: further experimental and theoretical data. See http://www.rsc.org/suppdata/jm/b3/b306274k/. Journal of Materials Chemistry, 2003, 13, 2111.	6.7	46
267	An Improved Synthesis and Structural Characterisation of 2-(4-Acetylthiophenylethynyl)-4-nitro-5-phenylethynylaniline: The Molecule Showing High Negative Differential Resistance (NDR). Synthesis, 2003, 2003, 2089-2095.	1.2	2
268	Synthesis of functionalised 2,5-diaryl [1,2,4]oxadiazoles for use as electron transport materials. , 2003, , 276.		0
269	New Ï€-Electron Rich Donors and Cavities and their Supramolecular Assemblies: Synthesis, Electrochemistry and Crystal Structures. Molecular Crystals and Liquid Crystals, 2002, 379, 1-8.	0.4	1
270	Highly-charged organic nanoparticles: redox-active dendrimers incorporating 9,10-bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene unitsMolecular Saddles Part 8: For part 7 of this series see: C. A. Christensen, A. S. Batsanov, M. R. Bryce and J. A. K. Howard, J. Org. Chem., 2001, 66, 3313.Electronic supplementary information (ESI) available: molecular models of 10 and 1012+ viewed along the plane of the benzene core (Fig.ÂS1) and 18 and 1824+ viewed perpendicular to the plane of the benzene core (Fig.ÂS2).. Journal of Materials Chemistry, 2002, 12, 27-36.	6.7	13

#	Article	IF	Citations
271	A (Ï€-Extended Tetrathiafulvalene)â^'Fluorene Conjugate. Unusual Electrochemistry and Charge Transfer Properties:Â The First Observation of a Covalent D2+â^'Ïƒâ^'Aâ€¢-Redox State1. Journal of the American Chemical Society, 2002, 124, 14227-14238.	6.6	60
272	New electron-transporting materials for light emitting diodes: 1,3,4-oxadiazoleâ€“pyridine and 1,3,4-oxadiazoleâ€“pyrimidine hybrids. Journal of Materials Chemistry, 2002, 12, 173-180.	6.7	116
273	Functionalized Pyridylboronic Acids and Their Suzuki Cross-Coupling Reactions To Yield Novel Heteroarylpyridines. Journal of Organic Chemistry, 2002, 67, 7541-7543.	1.7	121
274	Protonation and Subsequent Intramolecular Hydrogen Bonding as a Method to Control Chain Structure and Tune Luminescence in Heteroatomic Conjugated Polymers. Journal of the American Chemical Society, 2002, 124, 6049-6055.	6.6	137
275	Fluorescent phthalocyanine dimersâ€"a steady state and flash photolysis study. Photochemical and Photobiological Sciences, 2002, 1, 581-587.	1.6	47
276	Synthesis of Novel Phthalocyanineâ^'Tetrathiafulvalene Hybrids; Intramolecular Fluorescence Quenching Related to Molecular Geometry. Journal of Organic Chemistry, 2002, 67, 9130-9139.	1.7	112
277	The first genuine observation of fluorescent mononuclear phthalocyanine aggregates. Chemical Communications, 2002, , 572-573.	2.2	37
278	Synthesis, structure and optical characterisation of silicon phthalocyanine bis-esters. Perkin Transactions II RSC, 2002, , 59-66.	1.1	4
279	Electrochemically controlled interactions between TTF-based dendrimers and an electron-rich oligomerElectronic supplementary information (ESI) available: CV data for dendrimers 1 and 2. See http://www.rsc.org/suppdata/cc/b2/b209765f/. Chemical Communications, 2002, , 2950-2951.	2.2	18
280	A biosensor for monitoring formaldehyde using a new lipophilic tetrathiafulvalene-tetracyanoquinodimethane salt and a polyurethane membrane. Talanta, 2002, 56, 451-458.	2.9	83
281	Engineering a Remarkably Low HOMOâ€“LUMO Gap by Covalent Linkage of a Strong -Donor and a -Acceptorâ€"Tetrathiafulvalene--Polynitrofluorene Diads: Their Amphoteric Redox Behavior, Electron Transfer and Spectroscopic Properties. Chemistry - A European Journal, 2002, 8, 4656-4669.	1.7	46
282	A blended layer MEH-PPV electroluminiscent device incorporating a new electron transport material. Materials Science and Engineering C, 2002, 22, 87-89.	3.8	9
283	An unexpected TTFAQ donorâ€“fluorene acceptor reaction resulting in a novel salt: 2,6-dihexyloxy-9,10-bis(4,5-dimethyl-1,3-dithiol-2-ylium)-anthracene bis(2,5,7-trinitro-4-bromo-9-cyanofluorenide) dioxane trisolvate. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o1106-o1110.	0.2	2
284	Photophysics of a fluorene co-polymer in solution and films. Chemical Physics, 2002, 279, 229-237.	0.9	30
285	Synthesis of novel chiral bis(ferrocenyl) ligands and their use as voltammetric metal cation sensors. Journal of Organometallic Chemistry, 2002, 656, 211-216.	0.8	32
286	Molecular Saddles. 7.1New 9,10-Bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene Cyclophanes:Â Synthesis, Redox Properties, and X-ray Crystal Structures of Neutral Species and a Dication Salt. Journal of Organic Chemistry, 2001, 66, 3313-3320.	1.7	30
287	The First Tetrathiafulvaleneâ^' Ïƒâ^'Polynitrofluorene Diads: Low HOMOâ^'LUMO Gap, Amphoteric Redox Behavior, and Charge Transfer Properties. Organic Letters, 2001, 3, 1431-1434.	2.4	38
288	An Efficient Pyridine- and Oxadiazole-Containing Hole-Blocking Material for Organic Light-Emitting Diodes:â€‰ Synthesis, Crystal Structure, and Device Performance. Chemistry of Materials, 2001, 13, 1167-1173.	3.2	149

#	Article	IF	Citations
289	Synthesis of 2-heteroaryl-3-hydroxypyridines by ring expansion reactions of 2-acylfurans with ammonia. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 1853-1854.	1.3	15
290	Fluorene co-polymer luminescence: implications for molecular interactions. Synthetic Metals, 2001, 119, 627-628.	2.1	3
291	Ï€-Extended nitrofluorene-1,3-dithiole chromophore: enhancing the photoresponse of holographic materials through the balance of intramolecular charge transfer and electron affinity. Journal of Materials Chemistry, 2001, 11, 1772-1774.	6.7	16
292	Electron acceptors of the fluorene series. Part 13. 9-(5-Nitrofuran-2-ylidene)- and 9-(5-nitro-2-thienylidene)-2,4,5,7-tetranitrofluorenes: novel Ï€-extended electron acceptors. Synthesis, cyclic voltammetry and X-ray crystal structures for the acceptor and its 4,5-dimethyltetrathiafulvalene complex, and a theoretical studyâ€. Perkin Transactions II RSC, 2001, , 1546-1551.	1.1	5
293	Molecular Saddles. 4.1Redox-Active Cyclophanes by Bridging the 9,10-Bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene System:Â Synthesis, Electrochemistry, and X-ray Crystal Structures of Neutral Species and a Dication Salt. Journal of Organic Chemistry, 2001, 66, 713-719.	1.7	35
294	Trialkyltetrathiafulvaleneâ^Ïƒâ^'Tetracyanoanthraquinodimethane (R3TTFâ^Ïƒâ^'TCNAQ) Diads:Â Synthesis, Intramolecular Charge-Transfer Properties, and X-ray Crystal Structure. Journal of Organic Chemistry, 2001, 66, 4517-4524.	1.7	44
295	Synthesis and Characterisation of Polypyridine Derivatives: Towards Regioregular PPY. Materials Research Society Symposia Proceedings, 2001, 665, 1.	0.1	1
296	Electroluminescent devices incorporating a new oxadiazole derivative. , 2001, 4105, 307.		0
297	Synthesis, crystal structure and electrochemistry of a new bimetallic nickel dithiolene complex (NBu4+)2{C2S4[NiS2C2S2(CO)]2}2â^'. A precursor for molecular conductors. Polyhedron, 2001, 20, 537-540.	1.0	9
298	Cocrystals of 2-(2,4,5,7-tetranitrofluoren-9-ylidene)propanedinitrile and 2,4,5,7-tetranitrofluoren-9-one with chlorobenzene. Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 1299-1302.	0.4	2
299	Voltammetric metal cation sensors based on ferrocene derivatives with oxazoline and imine substituents. Journal of Organometallic Chemistry, 2001, 637-639, 134-138.	0.8	26
300	Electron acceptors of the fluorene series. Journal of Organometallic Chemistry, 2001, 637-639, 445-462.	0.8	23
301	An investigation of the complexation behaviour of structurally modified tetrathiafulvalene derivatives with the electron deficient cyclophane cyclobis(paraquat- p -phenylene). Tetrahedron Letters, 2001, 42, 1143-1145.	0.7	26
302	A stopperless tetrathiafulvalene based [2]pseudorotaxane molecular shuttle. Tetrahedron Letters, 2001, 42, 4223-4226.	0.7	15
303	Convenient one pot synthesis of 5â€unsubstituted pyrazolo [3,4â€c]isoquinolines. Journal of Heterocyclic Chemistry, 2001, 38, 523-525.	1.4	8
304	Photochemistry of the Ï€â€Extended 9,10â€Bis(1,3â€dithiolâ€2â€ylidene)â€•9,10â€dihydroanthracene System: Generation and Characterisation of the Radical Cation, Dication, and Derived Products. Chemistry - A European Journal, 2001, 7, 973-978.	1.7	67
305	Synthesis and crystal engineering of new halogenated tetrathiafulvalene (TTF) derivatives and their charge transfer complexes and radical ion salts. Journal of Materials Chemistry, 2001, 11, 2181-2191.	6.7	58
306	Synthesis and Trapping of Transient 1, 2-Diselones To Yield 1, 4-Diselenin Derivatives: Calculated Structures of 1, 2-Diselones, 1, 2-Diselenetes and Their Sulfur Analogues. Chemistry - A European Journal, 2000, 6, 1153-1159.	1.7	2

#	Article	IF	Citations
307	Syntheses and X-ray Crystal Structures of Functionalised 9,10-Bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene Derivatives. European Journal of Organic Chemistry, 2000, 2000, 51-60.	1.2	38
308	Functionalised Oligoenes with Unusual Topologies: Synthesis, Electrochemistry and Structural Studies on Redox-Active [3]- and [4]-Dendralenes. Chemistry - A European Journal, 2000, 6, 1955-1962.	1.7	51
309	The Boronic Mannich Reaction in a Solid-Phase Approach. Tetrahedron, 2000, 56, 10023-10030.	1.0	74
310	Immobilization of glyoxylic acid on Wang resin. Tetrahedron Letters, 2000, 41, 5147-5150.	0.7	19
311	Heterocyclic aldehydes as novel components in the boronic Mannich reaction. Tetrahedron Letters, 2000, 41, 1303-1305.	0.7	42
312	Synthesis and optical properties of new tricyano-p-quinodimethane dyes: molecular and polymeric systems. Tetrahedron Letters, 2000, 41, 4645-4649.	0.7	12
313	Functionalised tetrathiafulvalenes: new applications as versatile Ï€â€electron systems in materials chemistry. Journal of Materials Chemistry, 2000, 10, 589-598.	6.7	348
314	New Multi(tetrathiafulvalene) Dendrimers. Synthesis, 2000, 2000, 1695-1704.	1.2	28
315	New Bis(tetrathiafulvalene) Cyclophanes. Synthesis, 2000, 2000, 824-830.	1.2	12
316	New Crown Annelated Tetrathiafulvalenes:Â Synthesis, Electrochemistry, Self-Assembly of Thiol Derivatives, and Metal Cation Recognition. Journal of Organic Chemistry, 2000, 65, 8269-8276.	1.7	57
317	Crown-annelated 9,10-bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene derivatives: a new efficient transducer in the electrochemical and spectroscopic monitoring of metal complexation. Chemical Communications, 2000, , 295-296.	2.2	37
318	Ionophores based on 1,3-dithiole-2-thione-4,5-dithiolate (DMIT) as potentiometric silver sensors. Analyst, The, 2000, 125, 861-866.	1.7	26
319	Determination of silver in photographic emulsion: comparison of traditional solid-state electrodes and a new ion-selective membrane electrode. Analyst, The, 2000, 125, 1447-1451.	1.7	7
320	New bi(tetrathiafulvalenyl) derivatives and their radical cations: synthetic and X-ray structural studies. Journal of Materials Chemistry, 2000, 10, 1273-1279.	6.7	29
321	A tetrathiafulvalene derivative with an acyclic S4 domain as a voltammetric silver sensor. Perkin Transactions II RSC, 2000, , 189-190.	1.1	22
322	A novel hexakis(tetrathiafulvalene) derivative: synthesis, structure and electrochemical properties. Chemical Communications, 2000, , 331-332.	2.2	26
323	Novel fulleropyrrolidiniumâ€based materials. Journal of Materials Chemistry, 2000, 10, 269-273.	6.7	24
324	Electron Acceptors of the Fluorene Series. 10.1Novel Acceptors Containing Butylsulfanyl, Butylsulfinyl, and Butylsulfonyl Substituents:Â Synthesis, Cyclic Voltammetry, Charge-Transfer Complexation with Anthracene in Solution, and X-ray Crystal Structures of Two Tetrathiafulvalene Complexes. Journal of Organic Chemistry, 2000, 65, 3053-3063.	1.7	58

#	Article	IF	Citations
325	Synthesis and Trapping of Transient 1,2-Diselones To Yield 1,4-Diselenin Derivatives: Calculated Structures of 1,2-Diselones, 1,2-Diselenetes and Their Sulfur Analogues. Chemistry - A European Journal, 2000, 6, 1153-1159.	1.7	10
326	Tetrathiafulvalene (TTF) fused to acenaphthyleno[1,2b][1,4]dithiine: synthesis and X-ray crystal structure of a new Ï€-electron donor system. Tetrahedron Letters, 1999, 40, 801-804.	0.7	10
327	Versatile syntheses of functionalised 9,10-bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene derivatives. Tetrahedron Letters, 1999, 40, 3271-3274.	0.7	13
328	Synthesis of piperazinones and their apllication in constrained mimetics of the growth hormone secretagogue NN703. Tetrahedron Letters, 1999, 40, 3651-3654.	0.7	33
329	1,3-Dithiol-2-ylidene derivatives of 1,3-indanedione. Tetrahedron, 1999, 55, 9915-9922.	1.0	7
330	A novel Ï€-donorâ€“Ï€-acceptor system: 1-(4,5-dimethyl-1,3-dithiol-2-ylidene)-1-ferrocenyl-3,3-dicyanopropene. Journal of Organometallic Chemistry, 1999, 590, 180-183.	0.8	5
331	The radical ions of acenaphtho[1,2-b][1,4]dithiine derivatives and acenaphtho[1,2-b][1,4]oxathiine: Solution EPR and ENDOR studies. The X-ray crystal structures of 8,9-bis(methylsulfanyl)acenaphtho[1,2-b][1,4]dithiine and its complexes with 7,7,8,8-tetracyano-p-quinodimethane (TCNQ), 2,5-dibromo-TCNQ and iodine. Journal of the Chemical Society, Perkin Transactions II, 1999, , 755-764.	0.9	16
332	Synthesis and Xâ€ray structure of a novel 1,2,4â€trithiolane. Journal of Heterocyclic Chemistry, 1999, 36, 823-825.	1.4	7
333	Tetrathiafulvalenes as Ï€-Electron Donors for Intramolecular Charge-Transfer Materials. Advanced Materials, 1999, 11, 11-23.	11.1	327
334	4-Ethoxycarbonyl-4â€²,5,5â€²-trimethyltetrathiafulvalene and its radical cation: Langmuirâ€“Blodgett film studies, EPR spectra and the X-ray crystal structure of (Me3TTF-CO2Et)2Â·TCNQ complex. Journal of Materials Chemistry, 1999, 9, 2973-2978.	6.7	9
335	The first bridged 9,10-bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene derivatives: strained redox-active cyclophanes. Chemical Communications, 1999, , 1835-1836.	2.2	12
336	Electron Acceptors of the Fluorene Series. 9.1Derivatives of 9-(1,2-Dithiol-3-ylidene)-, 9-(1,3-Dithiol-2-ylidene)-, and 9-(1,3-Selenathiol-2-ylidene)fluorenes:Â Synthesis, Intramolecular Charge Transfer, and Redox Properties. Journal of Organic Chemistry, 1999, 64, 6937-6950.	1.7	52
337	The first Dielsâ€“Alder reaction of a 9,10-bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene derivative: synthesis and crystal structure of a novel donorâ€“Ï€â€“anthraquinone diad. Chemical Communications, 1999, , 2433-2434.	2.2	22
338	Push-pull fluorene acceptors with ferrocene donor moiety. Synthetic Metals, 1999, 102, 1558-1559.	2.1	15
339	Chemosensor devices: voltammetric molecular recognition at solid interfaces. Journal of Materials Chemistry, 1999, 9, 1957-1974.	6.7	127
340	New redox materials based on functionalized 9,10-anthracenediylidenes. Pure and Applied Chemistry, 1999, 71, 2137-2144.	0.9	3
341	Cation Recognition by Self-Assembled Layers of Novel Crown-Annelated Tetrathiafulvalenes. Advanced Materials, 1998, 10, 395-398.	11.1	87
342	A Novel Bis(tetrathiafulvalene) Cyclophane: Synthesis, Electrochemical Properties, and X-ray Crystal Structures of the Neutral and Radical Cation Species. Advanced Materials, 1998, 10, 1360-1363.	11.1	16

#	Article	IF	Citations
343	Donor-Ï€-Acceptor Species Derived from Functionalised 1,3-Dithiol-2-ylidene Anthracene Donor Units Exhibiting Photoinduced Electron Transfer Properties: Spectroscopic, Electrochemical, X-Ray Crystallographic and Theoretical Studies. Chemistry - A European Journal, 1998, 4, 2580-2592.	1.7	56
344	Synthesis and nitrosation reactions of Ï€-extended 1,3-dithiol-2-ylidene systems. Tetrahedron, 1998, 54, 3919-3928.	1.0	14
345	Novel conjugated donor-Ï€-acceptor molecules based on 1,3-diselenol-2-ylidene units. Tetrahedron, 1998, 54, 13257-13266.	1.0	6
346	Evaporated thin films of tetrathiafulvalene derivatives and their charge-transfer complexes. Thin Solid Films, 1998, 335, 209-213.	0.8	12
347	The synthesis, redox properties and X-ray crystal structures of two new tetrathiafulvalene-thiophene donors. Journal of Materials Chemistry, 1998, 8, 1719-1724.	6.7	30
348	The preparation and characterisation of Langmuirâ€“Blodgettfilms of the metal dithiolate charge-transfer complexN-octadecylpyridiniumâ€“Pd(dmit)2. Journal of Materials Chemistry, 1998, 8, 387-396.	6.7	6
349	Synthesis and intramolecular charge-transfer properties of new tetrathiafulvaleneâ€“Ïƒ-tetracyanoanthraquinodimethane diad (TTFâ€“Ïƒ-TCNAQ) and triad (TTFâ€“Ïƒ-TCNAQâ€“Ïƒ-TTF) molecules. Journal of Materials Chemistry, 1998, 8, 71-76.	6.7	36
350	New 1,3-dithiol-2-ylidene donorâ€“Ï€â€“acceptor chromophores with intramolecular charge-transfer properties, and related donorâ€“Ï€â€“donor molecules: synthesis, electrochemistry, X-ray crystal structures, non-linear optical properties and theoretical calculations. Journal of Materials Chemistry, 1998, 8, 1173-1184.	6.7	53
351	(N-Methylthiocarbamoyl)tetrathiafulvalene derivatives and their radical cations: synthetic and X-ray structural studies. Journal of Materials Chemistry, 1998, 8, 1541-1550.	6.7	58
352	Aryl ester dendrimers incorporating tetrathiafulvalene units: convergent synthesis, electrochemistry and charge-transfer properties. Journal of Materials Chemistry, 1998, 8, 1361-1372.	6.7	37
353	Selective electrochemical magnesium and calcium sensors based on non-macrocyclic nitrogen-containing ferrocene ligands. Chemical Communications, 1998, , 677-678.	2.2	46
354	Synthesis and electrochemistry of a tetrathiafulvalene (TTF)21â€“glycol dendrimer: intradendrimer aggregation of TTF cation radicals. Chemical Communications, 1998, , 509-510.	2.2	48
355	Redox-switchable polyester dendrimers incorporating both Ï€-donor (tetrathiafulvalene) and Ï€-acceptor (anthraquinone) groups. Chemical Communications, 1998, , 2565-2566.	2.2	26
356	Fluorene acceptors with intramolecular charge-transfer from 1,3-dithiole donor moieties: novel electron transport materials. Chemical Communications, 1998, , 819-820.	2.2	19
357	Electron Acceptors of the Fluorene Series. 7.12,7-Dicyano-4,5-dinitro-9-X-fluorenes:Â Synthesis, Cyclic Voltammetry, Charge Transfer Complexation withN-Propylcarbazole in Solution, and X-ray Crystal Structures of Two Tetrathiafulvalene Complexes. Journal of Organic Chemistry, 1998, 63, 6484-6493.	1.7	51
358	Macromolecular tetrathiafulvalene chemistry. Chemical Communications, 1998, , 945-952.	2.2	73
359	Synthesis of Ferrocenyloxazolines Incorporating Secondary Functionalities. Synthesis, 1998, 1998, 413-416.	1.2	31
360	Bis(trimethyltetrathiafulvalenyl) (TriMTTF-TriMTTF). Synthesis, 1998, 1998, 826-828.	1.2	18

#	Article	IF	Citations
361	A Novel Bis(tetrathiafulvalene) Cyclophane: Synthesis, Electrochemical Properties, and X-ray Crystal Structures of the Neutral and Radical Cation Species. , 1998, 10, 1360.		2
362	An electrical impedance study of Langmuir - Blodgett films containing a tetrabutylammonium Ni(dmit) complex. Journal Physics D: Applied Physics, 1997, 30, 2928-2931.	1.3	4
363	Tetrathiafulvalene: A Convenient Large-Scale (20Âg) Synthesis. Synthesis, 1997, 1997, 407-409.	1.2	34
364	Functionalized Tetrathiafulvalene Derivatives and their Radical Cation Salts: Synthesis and X-Ray Crystal Structures. Materials Research Society Symposia Proceedings, 1997, 488, 483.	0.1	0
365	Langmuirâ€“Blodgett films of a tetrathiafulvalene derivative substituted with an azobenzene group. Journal of Materials Chemistry, 1997, 7, 2033-2037.	6.7	8
366	Synthesis and X-ray crystal structure of a vinylogue of tetramethyltetraselenafulvalene. Journal of Materials Chemistry, 1997, 7, 381-385.	6.7	9
367	1,4-Dithiafulvene-substituted ferrocenes and their conversion into extended tetrathiafulvalene electron donors: synthetic, electrochemical and X-ray structural studies. Journal of the Chemical Society Perkin Transactions 1, 1997, , 3443-3450.	0.9	45
368	Semiconducting Langmuirâ€“Blodgett films of ethylenedithiotetrathiafulvalene (EDTâ€“TTF) derivatives bearing charged and uncharged aromatic substituents. Journal of Materials Chemistry, 1997, 7, 901-907.	6.7	28
369	Preparation and X-ray crystal structures of the first radical cation salts of4-iodotetrathiafulvalene: [ITTF.+]2{Pd[S2C2(CN) 2]2}2â^' and ITTF .+HSO4â^'. Journal of Materials Chemistry, 1997, 7, 387-389.	6.7	36
370	1,4-Diselenine synthesis by Dielsâ€“Alder reaction of a novel exocyclic 1,2-diselone: X-ray crystal structure of (5,6-dimethoxycarbonyl-1,4-diselenine-2,3-dithiolate)Ni(dppe) [dppe = 1,2-(Ph2P)2C2H4]. Chemical Communications, 1997, , 2293-2294.	2.2	14
371	A Redox-Active Tetrathiafulvalene [2]Pseudorotaxane:Â Spectroelectrochemical and Cyclic Voltammetric Studies of the Highly-Reversible Complexation/Decomplexation Process. Journal of Organic Chemistry, 1997, 62, 885-887.	1.7	113
372	Thermal fragmentation reactions of 1,4,2-dithiazines and 1,4,2,5-dithiadiazines in the presence of dienophiles: synthesis of 1,4-dithiine derivatives. X-Ray crystal structures of a 1,4,2-dithiazine 1,1-dioxide and a 1,4,2,5-dithiadiazine derivative. Journal of the Chemical Society Perkin Transactions 1, 1997, , 1157-1162.	0.9	18
373	Langmuir-Blodgett deposition and non-linear optical properties of a two-legged dye. Supramolecular Science, 1997, 4, 219-222.	0.7	0
374	Percolation conductivity in Langmuir-Blodgett multilayer films containing a long-chain TTF derivative. Supramolecular Science, 1997, 4, 443-447.	0.7	2
375	Synthesis, spectroscopy and electrochemistry of phthalocyanine derivatives functionalised with four and eight peripheral tetrathiafulvalene units. Journal of the Chemical Society Perkin Transactions II, 1997, , 1671-1678.	0.9	69
376	Structural and electrical studies on nickel(dmit)2 complexes. Synthetic Metals, 1997, 86, 1839-1840.	2.1	2
377	Synthesis of mixed p-quinodimethane analogues of tetrathiafulvalene (TTF) and Tetracyano-p-Quinodimethane (TCNQ) exhibiting photoinduced electron transfer properties. Synthetic Metals, 1997, 86, 1857-1858.	2.1	6
378	New tetrathiafulvalene derivatives bearing thioamide substituents. Synthetic Metals, 1997, 86, 1901-1902.	2.1	9

#	Article	IF	Citations
379	Synthesis and electrochemistry of new tetrathiafulvalene (TTF) dendrimers:X-ray crystal structure of a tetrafunctionalised TTF core unit. Journal of Materials Chemistry, 1997, 7, 1189-1197.	6.7	35
380	Chiral ferrocenyl-oxazolines incorporating thioether units: effective ligands for palladium-catalysed allylic substitution. Tetrahedron: Asymmetry, 1997, 8, 2337-2346.	1.8	58
381	Synthesis of new mono-functionalised tetrathiafulvalene derivatives by reactions of etrathiafulvalenyllithium with aldehydes and ketones: X-ray crystal structures of TTF-CMe(OH)Fc, TTF-CMe(OMe)Fc and TTF-CH(OMe)TTF (Fc = ferrocenyl). Tetrahedron, 1997, 53, 17781-17794.	1.0	17
382	Synthesis of Pyrazinoporphyrazine Derivatives Functionalised with Tetrathiafulvalene (TTF) Units: Xâ€Ray Crystal Structures of Two Related ttf Cyclophanes and Two Bis(1,3â€Dithioleâ€2â€Thione) Intermediates. Chemistry - A European Journal, 1997, 3, 1679-1690.	1.7	63
383	Synthesis and Downstream Reactions of 2-(Triphenylphosphino)-4,5-dicarbomethoxy-1,3-diselenole Tetrafluoroborate:Â X-ray Crystal Structure of a Nitroso Derivative of a 2-Ylidene-1,3-diselenole Stabilized by an Intramolecular OÂ·Â·Â·Se Interaction. Journal of Organic Chemistry, 1996, 61, 2877-2881.	1.7	22
384	New oligomeric hyper-branched esters incorporating tetrathiafulvalene: synthesis, electrochemistry and charge-transfer complexes. Synthetic Metals, 1996, 76, 305-307.	2.1	18
385	Optical and Electrochemical Properties of Metallophthalocyanine Derivative Langmuirâ^'Blodgett Films. Langmuir, 1996, 12, 472-476.	1.6	49
386	Preparation and characterisation of conductive Langmuirâ€“Blodgett films of a tetrabutylammoniumâ€“Ni(dmit)2complex. Journal of Materials Chemistry, 1996, 6, 699-704.	6.7	12
387	Metal-assisted fragmentation of N-aryl- and -alkyl-N-trimethyl-silylaminosulfur chlorides and N-aryl- and -alkyl-aminosulfur chlorides in the presence of conjugated dienes: synthesis and reactivity of 2-substituted-3,6-dihydro-1,2-thiazines. Journal of the Chemical Society Perkin Transactions 1, 1996, , 1825.	0.9	10
388	Crown-annelated tetrathiafulvalenes: synthesis of new functionalised derivatives and spectroscopic and electrochemical studies of metal complexation. Journal of the Chemical Society Perkin Transactions II, 1996, , 1587-1593.	0.9	25
389	New Ï€-electron donor systems based on acenaphtho[1,2-b][1,4]dithiine. Journal of the Chemical Society Perkin Transactions 1, 1996, , 2451-2459.	0.9	18
390	Electron acceptors of the fluorene series. Part 5. Intramolecular charge transfer in nitro-substituted 9-(aminomethylene)fluorenes. Journal of the Chemical Society Perkin Transactions II, 1996, , 2453.	0.9	26
391	Seleniumâ€“nitrogen bond formation by ring expansion: synthesis of the 1,4,2-diselenazine ring system, fragmentation to a 1,2-diselenete and reactions to yield 1,4-diselenin derivatives. Chemical Communications, 1996, , 2375-2376.	2.2	12
392	Nitroso derivatives of 1,3-dithiol-2-ylidene stabilised by intramolecular oxygen ? sulfur interactions: synthesis and X-ray crystal structures.. Journal of the Chemical Society Perkin Transactions II, 1996, , 2367.	0.9	10
393	Synthesis and characterization of functionalized ethylenediselenotetrathiafulvalenes: A comparative study with their all-sulfur analogues. Tetrahedron, 1996, 52, 11063-11074.	1.0	26
394	Application of electrochemical techniques to the study of Langmuir-Blodgett films of N-octadecylpyridinium-Ni(dmit)2. Thin Solid Films, 1996, 284-285, 512-515.	0.8	3
395	A comparison of tetrathiafulvalene thin films prepared by thermal evaporation and the Langmuir-Blodgett technique. Thin Solid Films, 1996, 284-285, 516-519.	0.8	5
396	Synthesis and aggregation of a phthalocyanine symmetrically-functionalized with eight tetrathiafulvalene units. Advanced Materials, 1996, 8, 63-65.	11.1	55

#	Article	IF	Citations
397	Chiral oxazolines linked to tetrathiafulvalene (TTF): Redox-active ligands for asymmetric synthesis. Tetrahedron: Asymmetry, 1996, 7, 3247-3254.	1.8	37
398	A new approach to one-way electron transfer using multiredox centres organised in Langmuir-Blodgett films. Journal of Electroanalytical Chemistry, 1996, 408, 173-179.	1.9	6
399	Redox-active dendrimers, related building blocks, and oligomers. Advances in Dendritic Macromolecules, 1996, , 115-149.	0.6	25
400	Electrically conductive Langmuirâ€“Blodgett films of charge-transfer materials. Nature, 1995, 374, 771-776.	13.7	147
401	Functionalised Trimethyltetrathiafulvalene (TriMe-TTF) Derivatives via Reactions of Trimethyltetrathiafulvalenyllithium with Electrophiles: X-ray Crystal Structures of Benzoyl-TriMe-TTF and Benzoylthio-TriMe-TTF. Synthesis, 1995, 1995, 675-682.	1.2	36
402	Novel [4+2]Cycloadditions of Vinyltetrathiafulvalene Derivatives. Journal of Organic Chemistry, 1995, 60, 4644-4646.	1.7	10
403	Electrical properties of evaporated TTF thin films. Synthetic Metals, 1995, 70, 1247-1248.	2.1	4
404	Preparation and characterisation of conductive Langmuirâ€“Blodgett films of amphiphilic pyridiniumâ€“ni(dmit)2salts. Journal of Materials Chemistry, 1995, 5, 1601-1608.	6.7	15
405	Stacked supramolecular structures involving hydrogen-bonded networks in highly functionalised tetrathiafulvalene derivatives. Journal of the Chemical Society Chemical Communications, 1995, , 1201.	2.0	26
406	Semiconducting Langmuirâ€“Blodgett films of non-amphiphilic ethylenedithioâ€“tetrathiafulvalene derivatives bearing pyridine and pyridinium substituents. Journal of the Chemical Society Chemical Communications, 1995, , 475-476.	2.0	30
407	Semi-conducting Langmuirâ€“Blodgett films of a novel amphiphilic bis(tetrathiafulvalene) derivative. Journal of Materials Chemistry, 1995, 5, 191-192.	6.7	6
408	New functionalized tetrathiafulvalenes: X-ray crystal structures and physico-chemical properties of TTFâ€“C(O)NMe2and TTFâ€“C(O)â€“Oâ€“C4H9: a joint experimental and theoretical study. Journal of Materials Chemistry, 1995, 5, 1689-1696.	6.7	52
409	Phenylsulfinylselenyl chloride (PhSO2SeCl): a new reagent for the formation of Câ€“Se and Nâ€“Se bonds. Generation and in situ Dielsâ€“Alder trapping of selenonitrosoarene intermediates (Arâ€“Nî€†Se). Journal of the Chemical Society Chemical Communications, 1995, , 195-196.	2.0	14
410	Conducting Langmuirâ€“Blodgett films of an amphiphilic unsymmetrical ethylenedithiotetrathiafulvalene derivative: EDTâ€“TTFâ€“CH2OC(O)C17H35. Journal of Materials Chemistry, 1995, 5, 1593-1599.	6.7	14
411	Current trends in tetrathiafulvalene chemistry: towards increased dimensionality. Journal of Materials Chemistry, 1995, 5, 1481.	6.7	249
412	Fluorene derivatives with intramolecular charge-transfer: exceptionally easy rotation around the double C(9)î€†C(Î±) bond in nitro-substituted 9-aminomethylenefluorenes. Journal of the Chemical Society Perkin Transactions II, 1995, , 3-5.	0.9	12
413	Conductivity and electroluminescence in an organometallic Langmuir-Blodgett film/anthracene structure. Thin Solid Films, 1994, 244, 936-938.	0.8	7
414	Alkylthionitroso and arylthionitroso compounds generated from N-trimethylsilyl-N-chlorothioalkylamine precursors. Tetrahedron Letters, 1994, 35, 5275-5278.	0.7	11

#	Article	IF	Citations
415	Dendritic Macromolecules Incorporating Tetrathiafulvalene Units. Angewandte Chemie International Edition in English, 1994, 33, 1761-1763.	4.4	74
416	Dendritische MakromolekÃ¼le mit Tetrathiafulvalenâ€Einheiten. Angewandte Chemie, 1994, 106, 1862-1864.	1.6	15
417	The synthesis of 4,4â€²(5â€²)-diformyltetrathiafulvalene. Tetrahedron Letters, 1994, 35, 9243-9246.	0.7	45
418	Electrochemical properties of hexadecanoyltetrathiafulvalene Langmuir-Blodgett films. Thin Solid Films, 1994, 238, 280-284.	0.8	11
419	A field effect transistor based on Langmuir-Blodgett films of an Ni(dmit)2 charge transfer complex. Thin Solid Films, 1994, 244, 932-935.	0.8	32
420	A novel modification of trans-p,p'-dibromoazobenzene. Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 1818-1819.	0.4	3
421	N-Methylthiocarbamoyltetrathiafulvalene at 150 K. Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 1956-1958.	0.4	4
422	Synthesis and reactions of 1,4,2-dithiazines, bis(1,4,2-dithiazines) and 1,2,3-dithiazines by ring expansion of 1,3- or 1,2-dithiolium cations. Journal of the Chemical Society Perkin Transactions 1, 1994, , 2571.	0.9	7
423	Improved Syntheses of Carboxytetrathiafulvalene, Formyltetrathiafulvalene and (Hydroxymethyl)tetrathiafulvalene1: Versatile Building Blocks for New Functionalised Tetrathiafulvalene Derivatives. Synthesis, 1994, 1994, 489-493.	1.2	111
424	X-Ray crystal structure and solid-state properties of a 1:1 complex of tetrathiafulvalene (TTF) and 1-oxo-2,6-dimethyl-4-dicyanomethylenecyclohexa-2,5-diene. Journal of Materials Chemistry, 1994, 4, 1719.	6.7	2
425	Dielsâ€“Alder and ene reactions of new transient thionitrosoarenes (Ar-Nî€†S) and thionitrosoheteroarenes (Hetâ€“Nî€†S) generated from N-(arylaminosulfanyl)and N-(heteroarylaminosulfanyl)-phthalimides: synthesis of cyclic and acyclic sulfenamides. Journal of the Chemical Society Perkin Transactions 1, 1994, , 1935-1944.	0.9	8
426	Synthesis of Monofunctionalized Tetrathiafulvalene (TTF) Derivatives by Reactions of Tetrathiafulvalenyllithium with Electrophiles: X-ray Crystal Structures of Four TTF Derivatives Bearing Amide, Thioamide, and Thioester Substituents. Chemistry of Materials, 1994, 6, 1419-1425.	3.2	49
427	2-(Triphenylphosphonio)-4,5-bis(thiobenzoyl)-1,3-dithiole Tetrafluoroborate: A Versatile Wittig Reagent for the Synthesis of Unsymmetrical Tetrathiafulvalenes and 1,3-Dithiol-2-ylidene Derivatives. Journal of Organic Chemistry, 1994, 59, 5324-5327.	1.7	29
428	Synthesis and Multistage Redox Properties of 9,10-Bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene Derivatives Functionalized with Ferrocenyl and Tetrathiafulvalenyl Units. Journal of Organic Chemistry, 1994, 59, 6847-6849.	1.7	37
429	Highly Conducting Langmuir-Blodgett films of an amphiphilic Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) derivative: BEDT-TTF-C18H37. Chemistry of Materials, 1994, 6, 1426-1431.	3.2	31
430	Functionalised tetrathiafulvalene (TTF) systems derived from 4,5-(propylenedithio)-1,3-dithiole units. Tetrahedron, 1993, 49, 6849-6862.	1.0	31
431	New, extensively-conjugated Ï€-electron donors combining both tetrathiafulvalene (TTF) and 2,2â€²-ethanediylidene-bis-(1,3-dithiole) units: Synthesis and solution electrochemistry. Tetrahedron Letters, 1993, 34, 7475-7478.	0.7	25
432	Acid mediated intramolecular cyclization of Ï€-donors bearing two vicinal â€œcisâ€•branched, 1,4-dithiafulven-6-yl substituents on a Cî—»C bond. Tetrahedron Letters, 1993, 34, 2131-2134.	0.7	31

#	Article	IF	Citations
433	New materials in old niches. Nature, 1993, 365, 583-583.	13.7	0
434	Langmuir-Blodgett films of 1-t-butyl-9-hydrofullerene-60. Thin Solid Films, 1993, 230, 73-77.	0.8	37
435	Langmuir-Blodgett films of the fullerenes C70 and C60. Synthetic Metals, 1993, 56, 2955-2960.	2.1	11
436	4-(N-Methylthioamido)tetrathiafulvalene: a new kappa-phase structure. Journal of the Chemical Society Chemical Communications, 1993, , 1701.	2.0	25
437	Highly functionalised analogues of tetrathiafulvalene: new 9,10-bis(1,3-dithiol-2-ylidene)-9,10-dihydroanthracene donors. Journal of the Chemical Society Perkin Transactions 1, 1993, , 537.	0.9	13
438	Redox-active, functionalised [3]- and [4]-dendralenes. Journal of the Chemical Society Chemical Communications, 1993, , 552.	2.0	29
439	Electrochemical studies on Langmuirâ€“Blodgett films of 1-tert-butyl-1,9-dihydrofullerene-60. Journal of the Chemical Society Chemical Communications, 1993, .	2.0	23
440	Studies on Ï€-acceptor molecules containing the dicyanomethylene group. X-Ray crystal structure of the charge-transfer complex of tetramethyltetrathiafulvalene and 2,3-dicyano-1,4-naphthoquinone: (TMTTF)3â€“(DCNQ)2. Journal of the Chemical Society Perkin Transactions II, 1993, , 313-319.	0.9	14
441	Chalcogenation of tetrathiafulvalene (TTF): synthesis of alkylthio-TTF and alkylseleno-TTF derivatives and X-ray crystal structure of ethylenediseleno TTF (EDS-TTF). Journal of the Chemical Society Perkin Transactions 1, 1993, , 1403.	0.9	23
442	Covalently attached ferrocene and tetrathiafulvalene redox systems. Journal of the Chemical Society Chemical Communications, 1993, , 417.	2.0	51
443	Conducting langmuir-blodgett films of new amphiphilic tetrathiafulvalene derivatives. Synthetic Metals, 1993, 57, 3871-3878.	2.1	11
444	Synthesis and Properties of New Functionalised Tetrathiafulvalene (TTF)Ï€-Electron Donors. Phosphorus, Sulfur and Silicon and the Related Elements, 1993, 74, 279-294.	0.8	10
445	Field-effect transistor based on organometallic Langmuir-Blodgett film. Electronics Letters, 1993, 29, 1377.	0.5	25
446	Electrical Properties of Multilayer Films Containing a Carotene Derivative. Molecular Crystals and Liquid Crystals, 1993, 229, 83-90.	0.3	5
447	Heterocyclic Synthesis Using New Heterodienophiles. Advances in Heterocyclic Chemistry, 1992, 55, 1-29.	0.9	17
448	Substituted 1,4,2-dithiazines: synthesis by ring expansion of 1,3-dithiolium cations, solution redox properties and X-ray crystal structures of a monocyclic and a bicyclic derivative. Journal of the Chemical Society Perkin Transactions 1, 1992, , 2295.	0.9	11
449	Synthesis and redox properties of substituted 1,4,2-dithiazines: X-ray crystal structure of 3-(4-methoxyphenyl)-5,6-dimethyl-1,4,2-dithiazine. Journal of the Chemical Society Chemical Communications, 1992, , 478.	2.0	8
450	Electron acceptor molecules: new, expedient synthesis of substituted 7,7,8,8-tetracyano-p-quinodimethane (TCNQ) derivatives and the X-ray crystal structure of 2,5-dibromo-TCNQ. Journal of the Chemical Society Perkin Transactions 1, 1992, , 611.	0.9	5

#	Article	IF	Citations
451	2,4,6-Tris(4,5-diisopropyl-1,3-dithiol-2-ylidene)cyclohexane-1,3,5-trione: synthesis, X-ray crystal structure and amphoteric redox properties of a highly delocalised heterocyclic Ï€-system. Journal of the Chemical Society Chemical Communications, 1992, , 401-402.	2.0	14
452	Electronic, structural and spectroscopic properties of Langmuir-Blodgett films of (o-hexadecylthiocarboxy)tetrathiafulvalene (HDTTTF). Chemistry of Materials, 1992, 4, 724-728.	3.2	35
453	New vinylogous tetrathiafulvalene .pi.-electron donors with peripheral alkylseleno substitution. Journal of Organic Chemistry, 1992, 57, 1696-1699.	1.7	42
454	New electron acceptors: synthesis, electrochemistry, and radical anions of N,7,7-tricyanoquinomethanimines and x-ray crystal structures of the trimethyl and tetramethyl derivatives. Journal of Organic Chemistry, 1992, 57, 1690-1696.	1.7	18
455	Semiconducting Langmuir-Blodgett films of new long-chain tetrathiafulvalene derivatives. Chemistry of Materials, 1992, 4, 720-723.	3.2	10
456	Bis- and tris(tetrathiafulvalenes) (TTFs) derived from reactions of the TTF-thiolate anion. Journal of Organic Chemistry, 1992, 57, 4859-4862.	1.7	63
457	Synthetic, structural and electrochemical studies on the 1,2-dithiole-3-thione system: Preparation and reactions of the 5,6-dihydro-1,2-dithiolo[4,5-b][1,4]dithiin-3-ium cation. Tetrahedron, 1992, 48, 8143-8152.	1.0	13
458	New vinylogous tetrathiafulvalene (TTF) Ï€-electron donors. Tetrahedron Letters, 1992, 33, 1373-1376.	0.7	69
459	Bis(tetrathiofulvalenyl)sulphide [(TTF)2S] : synthesis and x-ray crystal structure. Tetrahedron Letters, 1992, 33, 1783-1786.	0.7	53
460	Langmuir-Blodgett films of C60. Thin Solid Films, 1992, 209, 150-152.	0.8	72
461	Electrical properties of Langmuir-Blodgett films of a Ni(dmit)2 charge-transfer complex. Thin Solid Films, 1992, 210-211, 257-260.	0.8	18
462	FTIR studies of conducting Langmuir-Blodgett films of o-hexadecylthiocarboxytetrathiafulvalene. Thin Solid Films, 1992, 210-211, 589-591.	0.8	2
463	Stretched TTF and selenatrithiafulvalene derivatives: Synthesis and solid state characterisation. Synthetic Metals, 1991, 42, 1689.	2.1	0
464	Towards highly oriented polythiophenes incorporating mesogenic or tetrathiafulvalene substituents. Synthetic Metals, 1991, 39, 397-400.	2.1	69
465	Recent progress on conducting organic charge-transfer salts. Chemical Society Reviews, 1991, 20, 355.	18.7	483
466	Second harmonic generation from LB films of C16H33-BT3CNQ. Synthetic Metals, 1991, 43, 3173-3176.	2.1	4
467	Highly-functionalised tetrathiafulvalene (TTF) derivatives. Journal of the Chemical Society Chemical Communications, 1991, , 1638.	2.0	27
468	Highly-conducting Langmuir-Blodgett films based on Ni(dmit)2 anions. Journal of the Chemical Society Chemical Communications, 1991, , 322.	2.0	20

#	Article	IF	Citations
469	New bis(ethylenedithio)tetrathiafulvalene derivatives with low oxidation potentials. Journal of the Chemical Society Chemical Communications, 1991, , 320.	2.0	51
470	Electroactive Langmuir blodgett films of tetrathiafulvalene derivatives. Synthetic Metals, 1991, 42, 1441.	2.1	0
471	Generation and trapping of ortho-substituted thionitrosobenzenes: competitive diels-alder and ene reactions with dimethylbutadiene. Tetrahedron Letters, 1991, 32, 7459-7462.	0.7	12
472	An X-ray photoelectron investigation of conducting N-octadecylpyridinium-tetracyanoquinodimethane Langmuir-Blodgett films. Thin Solid Films, 1991, 198, 363-367.	0.8	6
473	Highly conjugated Ï€-electron donors for organic metals: synthesis and redox chemistry of new 1,3-dithiole and 1,3-selenathiole derivatives. Journal of the Chemical Society Perkin Transactions 1, 1991, , 157-168.	0.9	103
474	Laying down organic metals. Nature, 1991, 352, 760-761.	13.7	0
475	Synthesis, x-ray crystal structure and multistage redox properties of a severely-distorted tetrathiafulvalene donor. Tetrahedron Letters, 1991, 32, 6029-6032.	0.7	52
476	A Tetrathiotrimethylenemethane Derivative. Angewandte Chemie International Edition in English, 1991, 30, 871-873.	4.4	7
477	Synthesis of new multi-sulphur Ï€-electron donors containing ketone functionality. Tetrahedron Letters, 1991, 32, 6033-6036.	0.7	27
478	Generation and Trapping of Phosphorus Stabilized 4,5-Ethylenedithio-1,3-dithiol-2-ide Carbanions: Synthesis of Ethylenedithio-1,3-dithiafulvalenes. Synthesis, 1991, 1991, 26-28.	1.2	58
479	Halogenation of Tetrathiafulvalene. Synthesis, 1991, 1991, 263-265.	1.2	34
480	An electrical investigation into multilayer assemblies of charge-transfer materials. Journal Physics D: Applied Physics, 1991, 24, 1422-1429.	1.3	6
481	Organic metals: synthesis and solid state properties of new extended tetrathiafulvalene and selenatrithiafulvalene derivatives. Pure and Applied Chemistry, 1990, 62, 473-476.	0.9	14
482	Electrical and Magnetic Properties and X-Ray Structure of a Highly Conductive 4:1 Complex of Tetracyanoquinodimethane and a Tetrathiafulvalene Derivative. Angewandte Chemie International Edition in English, 1990, 29, 1450-1452.	4.4	157
483	Properties of (TMS) (TCNQ) I133; a ternary TCNQ salt. Solid State Communications, 1990, 76, 1153-1157.	0.9	1
484	Electroactive Langmuirâ€“Blodgett films of O-hexadecylthiocarboxytetrathiafulvalene (HDTTTF). Journal of the Chemical Society Chemical Communications, 1990, , 970-972.	2.0	21
485	Synthesis of amphiphilic, mono-functionalised tetrathiafulvalenes; X-ray crystal structure of 4-(6-sromohexanoyl)tetrathiafulvalene. Journal of the Chemical Society Chemical Communications, 1990, , 816.	2.0	29
486	Langmuirâ€“Blodgett alignment of zwitterionic optically non-linear Dâ€“Ï€â€“A materials. Journal of the Chemical Society, Faraday Transactions, 1990, 86, 1117-1121.	1.7	91

#	Article	IF	Citations
487	Polyhalogenoheterocyclic compounds. Part 39. Reactions of 4,5,6-tris(perfluoroisopropyl)-1,2,3-triazine involving nucleophilic attack at heterocyclic nitrogen. X-Ray crystal structure of a spiro triazinium zwitterion. Journal of the Chemical Society Perkin Transactions 1, 1990, , 2379.	0.9	6
488	Synthesis and redox behaviour of highly conjugated bis(benzo-1,3-dithiole) and bis(benzothiazole) systems containing aromatic linking groups: model systems for organic metals. Journal of the Chemical Society Perkin Transactions II, 1990, , 1777-1783.	0.9	20
489	Unsymmetrical and highly-conjugated tetrathiafulvalene and selenatrithiafulvalene derivatives: synthesis and reactions of novel heterocyclic Wittigâ€“Horner reagents. Journal of the Chemical Society Chemical Communications, 1990, , 470-472.	2.0	34
490	Cephalotaxine analogs: stereospecific synthesis of spiro-fused 3-benzazepine and 1,3-benzodiazepine derivatives. Journal of Organic Chemistry, 1990, 55, 1261-1266.	1.7	37
491	Infrared spectroscopic studies on the structure and ordering of hexadecanoyltetrathiafulvalene conducting Langmuir-Blodgett multilayers. Langmuir, 1990, 6, 1680-1682.	1.6	18
492	Structural properties of Langmuir-Blodgett films of a long-chain tetrathiafulvalene derivative. Synthetic Metals, 1990, 35, 307-318.	2.1	27
493	Generation of thionitrosoarenes (ArNî€†S) from N-(arylaminothio)phthalimides and in situ trapping with alkenes and conjugated dienes. Journal of the Chemical Society Perkin Transactions 1, 1990, , 3225-3235.	0.9	22
494	Apparatus for two-probe conductivity measurements on compressed powders. Journal of Chemical Education, 1990, 67, 717.	1.1	65
495	Conducting Langmuir-Blodgett films of 1-tetrathiafulvalenyl-octadecan-1-ol-TCNQ complex. Journal Physics D: Applied Physics, 1989, 22, 1586-1590.	1.3	12
496	The stereochemical outcome of diene additions to thionitrosoarenes (ArN=S). Tetrahedron Letters, 1989, 30, 3835-3836.	0.7	16
497	Alternate-layer Langmuir-Blodgett films of long-chain TCNQ and TTF derivatives. Synthetic Metals, 1989, 31, 275-279.	2.1	28
498	Synthesis of substituted TCNQ derivatives using electrophilic cyanide derived from thiocyanate and selenocyanate reagents. Journal of the Chemical Society Chemical Communications, 1989, , 529.	2.0	5
499	Synthesis of tetrathiafulvalene (TTF) derivatives substituted with two and four hydrophobic alkyl chains. Synthetic Metals, 1989, 31, 379-387.	2.1	9
500	Preparation and magnetic properties of a range of metal and organic cation salts of 2,3-dicyano-1,4-naphthoquinone (DCNQ). X-Ray crystal structure of (methyltriphenylphosphonium)1(DCNQ)1(H2O)1 and 2-dicyanomethylene-indan-1,3-dione (DCID). The rearrangement of DCID to DCNQ. Journal of the Chemical Society Perkin Transactions II, 1989, , 1285.	0.9	30
501	Functionalised (Â±)-cephalotaxine analogues. Journal of the Chemical Society Chemical Communications, 1989, , 1162-1164.	2.0	9
502	Novel synthesis and regiospecific cycloaddition reactions of perfluoro-3-methylbut-1-yne. Journal of the Chemical Society Chemical Communications, 1989, , 1657.	2.0	10
503	N,7,7-tricyanoquinomethaneimines: new electron acceptors for organic metals. Journal of the Chemical Society Chemical Communications, 1989, , 328.	2.0	3
504	Stereospecific synthesis of the cyclopenta [e] phenanthridine ring system: tetracyclic and pentacyclic analogues of alkaloids. Tetrahedron, 1988, 44, 599-612.	1.0	17

#	Article	IF	Citations
505	Seeing through synthetic metals. Nature, 1988, 335, 12-13.	13.7	2
506	A highly conducting tetrathiafulvalene Langmuir-Blodgett film. Thin Solid Films, 1988, 165, L97-L100.	0.8	55
507	The preparation of new bis(1,3-dithiole) derivatives: Extended ï€- donors for organic metals. Tetrahedron Letters, 1988, 29, 1075-1078.	0.7	27
508	A Modified Synthesis of 1,3-Benzoselenazole. Synthetic Communications, 1988, 18, 181-184.	1.1	8
509	Facile isomerization of 2-(dicyanomethylene)-1,3-indandione to 2,3-dicyano-1,4-naphthoquinone. Journal of Organic Chemistry, 1988, 53, 4585-4587.	1.7	17
510	Synthesis and cyclic voltammetric behaviour of some 3-substituted thiophenes and pyrroles: Precursors for the preparation of conducting polymers. Synthetic Metals, 1988, 26, 153-168.	2.1	44
511	A new highly-conjugated TTF analogue: Synthesis, electrochemistry and a conducting TCNQ complex of 9,10-anthracenediylidene-2,2â€²-bis(4,5-dimethyl-1,3-dithiole). Synthetic Metals, 1988, 25, 203-205.	2.1	40
512	Preparation, solid-state characterisation and X-ray crystal structure of a 1:1 complex of tetrathiafulvalene and m-dinitrobenzene (TTF-mDNB). Journal of the Chemical Society Perkin Transactions II, 1988, , 1713.	0.9	8
513	Solid state characterization and x-ray crystal structure of a 1:1 complex of tetrathiafulvalene and meta-dinitrobenzene (TTF-mDNB). Synthetic Metals, 1988, 25, 25-28.	2.1	3
514	Efficient generation of thionitrosoranes (ArNî€†S) by fragmentation of N-(arylaminothio)phthalimides. Journal of the Chemical Society Chemical Communications, 1988, , 950-951.	2.0	15
515	Preparation and solid-state characterization of the 7,7,8,8-tetracyano-p-quinodimethanide salt of the bis(triphenylphosphoranylidinium) cation: (PPN)2(TCNQ)3(MeCN)2. Journal of the Chemical Society Perkin Transactions II, 1988, , 1151.	0.9	6
516	Conducting salts of cyclic sulphonium cations with 7,7,8,8-tetracyano-p-quinodimethane (TCNQ): X-ray crystal structure of 1-methyl-1,4-dithianium TCNQ salt, (MDT)1 +(TCNQ)2 ?. Journal of the Chemical Society Chemical Communications, 1988, , 1441.	2.0	0
517	Synthesis of tetrathiafulvalene (TTF) derivatives bearing long alkyl chains. Journal of the Chemical Society Chemical Communications, 1988, , 1391.	2.0	12
518	Studies in the Protection and Selective Deprotection of 5-Amino-1-î²-<u>D</u>-Ribofuranosylimidazole-4-Carboxamide (Aica-Riboside). Nucleosides & Nucleotides, 1988, 7, 339-346.	0.5	4
519	Polyhalogenoheterocyclic compounds. Part 38. Reactions of fluorinated-alkenes and -cycloalkenes with difunctional nucleophiles. Journal of the Chemical Society Perkin Transactions 1, 1987, , 763.	0.9	31
520	Preparation and properties of a 1:1 complex of tetrathiafulvalene and 1,3,5-trinitrobenzene (TTF-TNB). Synthetic Metals, 1987, 20, 373-374.	2.1	6
521	Electroactive langmuir-blodgett films of N-octadecylpyridinium-TCNQ charge-transfer salt. Synthetic Metals, 1987, 22, 185-189.	2.1	36
522	Soluble, conducting polymers from 3-substituted thiophenes and pyrroles. Journal of the Chemical Society Chemical Communications, 1987, , 466.	2.0	113

#	Article	IF	Citations
523	Conducting and insulating salts of phosphiniminium cations with 7,7,8,8-tetracyano-p-quinodimethane (TCNQ). Tetrahedron Letters, 1987, 28, 4465-4468.	0.7	6
524	Electrophilic fluorinations. Journal of Fluorine Chemistry, 1987, 35, 64.	0.9	1
525	Observable fluorocarbanions. Journal of Fluorine Chemistry, 1987, 35, 65.	0.9	1
526	Synthetic and NMR spectroscopic studies on the 2,1,3-benzophosphadiazine ring system. Journal of Organometallic Chemistry, 1987, 325, 153-157.	0.8	10
527	A highly stereoselective synthesis of an azaspirolactam related to cephalotaxus alkaloids. Tetrahedron Letters, 1987, 28, 577-580.	0.7	18
528	Electrophilic fluorination of arylatrialkultin derivatives with caesium fluoroxysulphate. Journal of the Chemical Society Chemical Communications, 1986, , 1623.	2.0	28
529	Solid-state chemistry: Novel molecular metals. Nature, 1986, 324, 510-510.	13.7	1
530	Reactions involving fluoride ion. Part 31. Remarkable reactivity of perfluoro-bicyclobutylidene. Journal of the Chemical Society Perkin Transactions 1, 1985, , 1191.	0.9	10
531	New electron donors for organic metals: the synthesis of highly conjugated bis-(1,3-dithiole) derivatives. Journal of the Chemical Society Perkin Transactions 1, 1985, , 1675.	0.9	28
532	A Complex of Bis(Triphenylphosphoranylidene)Cations with TCNQ: (PPN)₂(TCNQ)₃(CH₃CN)₂. Molecular Crystals and Liquid Crystals, 1985, 120, 361-363.	0.9	0
533	Highly-Conjugated Bis(1,3-Dithiole) Donors. Molecular Crystals and Liquid Crystals, 1985, 120, 305-308.	0.9	12
534	2,3-Dimethyl-TCNQ: A new electron acceptor for organic metals. Synthetic Metals, 1985, 11, 305-306.	2.1	1
535	The structure and reactivity of dipyrido[1,2-a : 1â€²,2â€²-d]pyrazinium cations. Journal of the Chemical Society Perkin Transactions II, 1985, , 433-436.	0.9	7
536	Synthesis and X-ray crystal structures of 2,3-dihydro-2-mercapto-2,1,3-benzophosphadiazine-4(1H)-thione 2-sulphide derivatives. Journal of the Chemical Society Perkin Transactions II, 1985, , 1913.	0.9	13
537	Direct observation of simple fluorinated carbanions. Journal of the Chemical Society Chemical Communications, 1985, , 1018.	2.0	15
538	Organic metals. Nature, 1984, 309, 119-126.	13.7	191
539	Synthetic metals: Polyacetylene and organic superconductors lead the field. Nature, 1984, 311, 301-302.	13.7	3
540	Structure of the twofold addition product tetramethyl 6-diethylamino-3,7a,10,11b-tetrahydro-7H-dipyridazino[4,5-b:4',5'-d]azepine-1,4,8,11-tetracarboxylate, C22H28N6O8. Acta Crystallographica Section C: Crystal Structure Communications, 1984, 40, 1934-1937.	0.4	3

#	Article	IF	Citations
541	Electrophilic fluorination of aryl tin and aryl mercury derivatives. Journal of Fluorine Chemistry, 1984, 26, 533-534.	0.9	13
542	The preparation of derivatives of 2,2â€²-(2,6-naphthalenediylidene)bis(1,3-dithiole) (nbdt): New donors for organic metals. Tetrahedron Letters, 1984, 25, 2403-2406.	0.7	15
543	Preparation, properties and x-ray crystal structure of a complex of bis(triphenylphosphoranylidene)ammonium iodide with 7,7,8,8-tetracyano--quinodimethane: (PPN)2(TCNQ)3(CH3CN)2. Tetrahedron Letters, 1984, 25, 4275-4278.	0.7	3
544	Polyhalogenoheterocyclic compounds. Part 36. Additions of diazomethane to perfluoropolyalkylethenes. A frontier orbital rationalisation of reactions of fluorinated alkenes with 1,3-dipoles and nucleophiles. Journal of the Chemical Society Perkin Transactions 1, 1984, , 509.	0.9	21
545	A new route to 1,4-disubstituted cyclohexa-1,3-diene derivatives: the synthesis of a highly conjugated bisbenzothiazoline derivative. Journal of Organic Chemistry, 1984, 49, 3399-3401.	1.7	8
546	Use of piperidine-1-sulphenyl chloride as a sulphur-transfer reagent in reactions with diamines: the preparation of sulphurâ€“nitrogen heterocycles. Journal of the Chemical Society Perkin Transactions 1, 1984, , 2591-2593.	0.9	29
547	Reactions involving fluoride ion. Part 30. Preparation and reactions of epoxides derived from perfluoroalkyl substituted alkenes. Journal of the Chemical Society Perkin Transactions 1, 1984, , 1391.	0.9	9
548	Complexes of 4,4-diethylmorpholinium with 2,5-dibromo-7,7,8,8-tetracyano--quinodimethane : (DEM)x(TCNQBr2)y. Tetrahedron Letters, 1983, 24, 1205-1208.	0.7	5
549	Photochemically-induced 1,3-fluorine shifts. The synthesis of novel fluorinated spiro compounds. Journal of the Chemical Society Chemical Communications, 1983, , 1457.	2.0	4
550	A novel rearrangement of a strained pyrazoline. Journal of the Chemical Society Chemical Communications, 1983, , 76.	2.0	1
551	Organic metals: synthesis and properties of bis-(1,3,-benzodithiole-2-ylidene)ethane [bi-(benzo-1,3-dithiafulven-6-yl)]. Journal of the Chemical Society Chemical Communications, 1983, , 4.	2.0	9
552	Reactions involving fluoride ion. Part 29. Reactions of perfluoro-2,3-dimethylbuta-1,3-diene. Journal of the Chemical Society Perkin Transactions 1, 1983, , 2451.	0.9	9
553	Reactions of 2,1-Benzisothiazoles with Acetylenic Esters. Heterocycles, 1983, 20, 489.	0.4	6
554	Novel benzyne additions to the 1,2,5-thiadiazole and 1,2,5-selenadiazole ring systems. Journal of the Chemical Society Chemical Communications, 1982, , 299.	2.0	12
555	Preparation, properties, and X-ray crystal structure of a 1:1 complex of tetrathiafulvalene and p-dinitrobenzene. Canadian Journal of Chemistry, 1982, 60, 2057-2061.	0.6	8
556	Preparation, properties and -ray cystal structures of complexes of 4,4-diethylmorpholinium with 2,5-dibromo- and 2,5-dichloro-7,7,8,8-tetracyano--quinodimethane : DEM(TCNQBr2)2 and DEM-TCNQCl2. Tetrahedron Letters, 1982, 23, 4273-4276.	0.7	4