Peter J Skabara

List of Publications by Year in descending order

229 papers	7,081 citations	53794 45 h-index	85541 71 g-index
247 all docs	247 docs citations	247 times ranked	7918 citing authors

#	Article	IF	Citations
1	Making organic light-emitting diodes sustainableâ€"from metal-free emitters to less energy-intensive processing. , 2022, , 229-280.		0
2	Amino acid functionalised perylene bisimides for aqueous solution-deposited electron transporting interlayers in organic photovoltaic devices. Journal of Materials Chemistry C, 2022, 10, 3944-3950.	5.5	7
3	Synthesis of SOT-OH and its application as a building block for the synthesis of new dimeric and trimeric Spiro-OMeTAD materials. Molecular Systems Design and Engineering, 2022, 7, 899-905.	3.4	1
4	3D-printed elastomer foam-based soft capacitive pressure sensors. , 2022, , .		6
5	Highly nonlinear transport across single-molecule junctions via destructive quantum interference. Nature Nanotechnology, 2021, 16, 313-317.	31.5	56
6	New thiophene-based conjugated macrocycles for optoelectronic applications. Journal of Materials Chemistry C, 2021, 9, 16257-16271.	5.5	14
7	Carbazole-based D-Ï€-A molecules: Determining the photophysical properties and comparing ICT effects of Ï€-spacer and acceptor groups. Journal of Molecular Structure, 2021, 1239, 130494.	3.6	10
8	A red-orange carbazole-based iridium(III) complex: Synthesis, thermal, optical and electrochemical properties and OLED application. Journal of Organometallic Chemistry, 2021, 951, 122004.	1.8	7
9	Understanding the dopant induced effects on SFX-MeOTAD for perovskite solar cells: a spectroscopic and computational investigation. Journal of Materials Chemistry C, 2021, 9, 16226-16239.	5.5	4
10	An experimental and theoretical study of exciplex-forming compounds containing trifluorobiphenyl and 3,6-di-tert-butylcarbazole units and their performance in OLEDs. Journal of Materials Chemistry C, 2020, 8, 14186-14195.	5.5	5
11	Yellowish-orange and red emitting quinoline-based iridium(III) complexes: Synthesis, thermal, optical and electrochemical properties and OLED application. Synthetic Metals, 2020, 268, 116504.	3.9	15
12	Multifunctional asymmetric D-A-Dâ€™ compounds: Mechanochromic luminescence, thermally activated delayed fluorescence and aggregation enhanced emission. Chemical Engineering Journal, 2020, 401, 125962.	12.7	31
13	The damaging effects of the acidity in PEDOT:PSS on semiconductor device performance and solutions based on non-acidic alternatives. Materials Horizons, 2020, 7, 1759-1772.	12.2	181
14	Efficiency enhancement of small molecule organic solar cells using hexapropyltruxene as an interface layer. Journal of Materials Chemistry C, 2020, 8, 4909-4918.	5.5	5
15	A poly(urethane)-encapsulated benzo[2,3-d:6,7-dâ€²]diimidazole organic down-converter for green hybrid LEDs. Materials Chemistry Frontiers, 2020, 4, 1006-1012.	5.9	7
16	Donorâ€"Acceptor 1,2,4,5-Tetrazines Prepared by the Buchwaldâ€"Hartwig Cross-Coupling Reaction and Their Photoluminescence Turn-On Property by Inverse Electron Demand Dielsâ€"Alder Reaction. Journal of Organic Chemistry, 2020, 85, 3407-3416.	3.2	25
17	Synthesis of novel multifunctional carbazole-based molecules and their thermal, electrochemical and optical properties. Beilstein Journal of Organic Chemistry, 2020, 16, 1066-1074.	2.2	8
18	Multi-colour electrochromic materials based on polyaromatic esters with low driving voltage. Journal of Materials Chemistry C, 2019, 7, 9467-9473.	5.5	21

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19	Noncovalent Close Contacts in Fluorinated Thiopheneâ€“Phenyleneâ€“Thiophene Conjugated Units: Understanding the Nature and Dominance of OÂ·Â·Â·H versus SÂ·Â·Â·F and OÂ·Â·Â·F Interactions with Respect to the Control of Polymer Conformation. Chemistry of Materials, 2019, 31, 7070-7079.	6.7	23
20	Single-Molecule Spectroscopy of Polyfluorene Chains Reveals Î²-Phase Content and Phase Reversibility in Organic Solvents. Matter, 2019, 1, 1399-1410.	10.0	6
21	Broadband near-IR absorbing Au-dithiolene complexes bearing redox-active oligothiophene ligands. Dalton Transactions, 2019, 48, 107-116.	3.3	3
22	Implementing fluorescent MOFs as down-converting layers in hybrid light-emitting diodes. Journal of Materials Chemistry C, 2019, 7, 2394-2400.	5.5	23
23	Design of Linear and Star-Shaped Macromolecular Organic Semiconductors for Photonic Applications. Accounts of Chemical Research, 2019, 52, 1665-1674.	15.6	26
24	Highly efficient fullerene and non-fullerene based ternary organic solar cells incorporating a new tetrathiocin-cored semiconductor. Sustainable Energy and Fuels, 2019, 3, 2087-2099.	4.9	12
25	Functional Organic Materials for Optoelectronic Applications. Journal of Materials Chemistry C, 2019, 7, 6492-6492.	5.5	6
26	Tetrathiafulvaleneâ€“oligofluorene star-shaped systems: new semiconductor materials for fluorescent moisture indicators. Journal of Materials Chemistry C, 2019, 7, 6582-6591.	5.5	9
27	Effect of end group functionalisation of small molecules featuring the fluoreneâ€“thiopheneâ€“benzothiadiazole motif as emitters in solution-processed red and orange organic light-emitting diodes. Journal of Materials Chemistry C, 2019, 7, 3934-3944.	5.5	14
28	Oligofluorene Truxene Laser Sensor: Towards Bacteria Growth Detection. , 2019, , .		0
29	Impedance spectroscopy of OLEDs as a tool for estimating mobility and the concentration of charge carriers in transport layers. Journal of Materials Chemistry C, 2018, 6, 1008-1014.	5.5	44
30	Investigating the effect of heteroatom substitution in 2,1,3-benzoxadiazole and 2,1,3-benzothiadiazole compounds for organic photovoltaics. Journal of Materials Chemistry C, 2018, 6, 3709-3714.	5.5	11
31	An iminodibenzylâ€“quinoxalineâ€“iminodibenzyl scaffold as a mechanochromic and dual emitter: donor and bridge effects on optical properties. Chemical Communications, 2018, 54, 13857-13860.	4.1	39
32	Synergistic electrodeposition of bilayer films and analysis by Raman spectroscopy. Beilstein Journal of Organic Chemistry, 2018, 14, 2186-2189.	2.2	1
33	Observation of Dual Room Temperature Fluorescenceâ€“Phosphorescence in Air, in the Crystal Form of a Thianthrene Derivative. Journal of Physical Chemistry C, 2018, 122, 24958-24966.	3.1	31
34	Organic Semiconductor Laser Platform for the Detection of DNA by AgNP Plasmonic Enhancement. Langmuir, 2018, 34, 14766-14773.	3.5	5
35	Intermolecular interactions in molecular crystals and their effect on thermally activated delayed fluorescence of helicene-based emitters. Journal of Materials Chemistry C, 2018, 6, 10557-10568.	5.5	20
36	Star-shaped fluoreneâ€“BODIPY oligomers: versatile donorâ€“acceptor systems for luminescent solar concentrators. Journal of Materials Chemistry C, 2017, 5, 1952-1962.	5.5	44

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37	An Ambipolar BODIPY Derivative for a White Exciplex OLED and Cholesteric Liquid Crystal Laser toward Multifunctional Devices. ACS Applied Materials & Interfaces, 2017, 9, 4750-4757.	8.0	116
38	A saturated red color converter for visible light communication using a blend of star-shaped organic semiconductors. Applied Physics Letters, 2017, 110, .	3.3	15
39	Influence of optical material properties on strong coupling in organic semiconductor based microcavities. Applied Physics Letters, 2017, 110, .	3.3	22
40	Scale-up Chemical Synthesis of Thermally-activated Delayed Fluorescence Emitters Based on the Dibenzothiophene-S,S-Dioxide Core. Journal of Visualized Experiments, 2017, , .	0.3	3
41	Polymer colour converter with very high modulation bandwidth for visible light communications. Journal of Materials Chemistry C, 2017, 5, 8916-8920.	5.5	13
42	Novel 4,8-benzobisthiazole copolymers and their field-effect transistor and photovoltaic applications. Journal of Materials Chemistry C, 2017, 5, 11927-11936.	5.5	23
43	Solution-processable 2,1,3-benzothiadiazole containing compound based on the novel 1-dodecyl-6-dodecoxynaphthyridine-2-one unit for organic field-effect transistors. Organic Electronics, 2017, 49, 400-405.	2.6	3
44	Fluoreneâ€containing tetraphenylethylene molecules as lasing materials. Journal of Polymer Science Part A, 2017, 55, 734-746.	2.3	8
45	Colour tuning in white hybrid inorganic/organic light-emitting diodes. Journal Physics D: Applied Physics, 2016, 49, 405103.	2.8	15
46	Cool to warm white light emission from hybrid inorganic/organic light-emitting diodes. Journal of Materials Chemistry C, 2016, 4, 11499-11507.	5.5	28
47	BODIPY star-shaped molecules as solid state colour converters for visible light communications. Applied Physics Letters, 2016, 109, .	3.3	16
48	A single emitting layer white OLED based on exciplex interface emission. Journal of Materials Chemistry C, 2016, 4, 3851-3856.	5.5	74
49	Nanoparticles of Cu₂ZnSnS₄as performance enhancing additives for organic field-effect transistors. Journal of Materials Chemistry C, 2016, 4, 5109-5115.	5.5	11
50	To bend or not to bend â€“ are heteroatom interactions within conjugated molecules effective in dictating conformation and planarity?. Materials Horizons, 2016, 3, 333-339.	12.2	78
51	Acceptorâ€“donorâ€“acceptor small molecules based on derivatives of 3,4-ethylenedioxythiophene for solution processed organic solar cells. RSC Advances, 2016, 6, 98797-98803.	3.6	7
52	Miniature Nitro and Peroxide Vapor Sensors Using Nanoporous Thin Films. IEEE Sensors Journal, 2016, 16, 8767-8774.	4.7	3
53	High brightness solution-processed OLEDs employing linear, small molecule emitters. Journal of Materials Chemistry C, 2016, 4, 3774-3780.	5.5	40
54	Chirality induction using circularly polarized light into a branched oligofluorene derivative in the presence of an achiral aid molecule. Chemical Communications, 2016, 52, 1919-1922.	4.1	32

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55	RGB and white-emitting organic lasers on flexible glass. Optics Express, 2016, 24, 2273.	3.4	28
56	Fully spray-coated organic solar cells on woven polyester cotton fabrics for wearable energy harvesting applications. Journal of Materials Chemistry A, 2016, 4, 5561-5568.	10.3	57
57	Tetrathiafulvalene chemistry. Beilstein Journal of Organic Chemistry, 2015, 11, 1528-1529.	2.2	14
58	Thiazole-induced rigidification in substituted dithieno-tetrathiafulvalene: the effect of planarisation on charge transport properties. Beilstein Journal of Organic Chemistry, 2015, 11, 1148-1154.	2.2	12
59	Polythiophene and oligothiophene systems modified by TTF electroactive units for organic electronics. Beilstein Journal of Organic Chemistry, 2015, 11, 1749-1766.	2.2	27
60	Novel polymer materials for low-cost nitro vapor detection sensors. , 2015, , .		1
61	Journal of Materials Chemistry A, B & C: onwards and upwards. Journal of Materials Chemistry A, 2015, 3, 19-21.	10.3	4
62	Novel Fast Color-Converter for Visible Light Communication Using a Blend of Conjugated Polymers. ACS Photonics, 2015, 2, 194-199.	6.6	57
63	An Air-Stable DPP-thieno-TTF Copolymer for Single-Material Solar Cell Devices and Field Effect Transistors. ACS Applied Materials & Interfaces, 2015, 7, 27999-28005.	8.0	18
64	Side-Chain Influence on the Mass Density and Refractive Index of Polyfluorenes and Star-Shaped Oligofluorene Truxenes. Journal of Physical Chemistry C, 2015, 119, 22102-22107.	3.1	13
65	Ultralow-threshold up-converted lasing in oligofluorenes with tailored strong nonlinear absorption. Journal of Materials Chemistry C, 2015, 3, 12018-12025.	5.5	20
66	The role of structural and electronic factors in shaping the ambipolar properties of donorâ€“acceptor polymers of thiophene and benzothiadiazole. RSC Advances, 2015, 5, 77303-77315.	3.6	33
67	Highly efficient electrogenerated chemiluminescence of an oligofluorene-truxene star-shaped compound incorporating 2,1,3-benzothiadiazole units. Journal of Materials Chemistry C, 2015, 3, 1166-1171.	5.5	26
68	Fluorescent Redâ€Emitting BODIPY Oligofluorene Starâ€Shaped Molecules as a Color Converter Material for Visible Light Communications. Advanced Optical Materials, 2015, 3, 536-540.	7.3	44
69	Synthesis and properties of novel star-shaped oligofluorene conjugated systems with BODIPY cores. Beilstein Journal of Organic Chemistry, 2014, 10, 2704-2714.	2.2	8
70	Solution processable diketopyrrolopyrrole (DPP) cored small molecules with BODIPY end groups as novel donors for organic solar cells. Beilstein Journal of Organic Chemistry, 2014, 10, 2683-2695.	2.2	23
71	Molecular electronics: general discussion. Faraday Discussions, 2014, 174, 125-151.	3.2	4
72	Organic photovoltaics and energy: general discussion. Faraday Discussions, 2014, 174, 341-355.	3.2	2

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73	Novel electrochemiluminescent materials for sensor applications. Faraday Discussions, 2014, 174, 357-367.	3.2	7
74	Photonics: general discussion. Faraday Discussions, 2014, 174, 235-253.	3.2	0
75	Hybrid organic semiconductor lasers for bio-molecular sensing. Faraday Discussions, 2014, 174, 369-381.	3.2	4
76	Fieldâ€Effect Mobility, Morphology and Electroluminescence of a Semiconductor Based on a DPPï£¿Quaterfluorene Quadrupolar Linear Conjugated System. Israel Journal of Chemistry, 2014, 54, 828-835.	2.3	2
77	Electrochemical synthesis of ammonia from N2 and H2O based on (Li,Na,K)2CO3â€“Ce0.8Gd0.18Ca0.02O2â^Î´ composite electrolyte and CoFe2O4 cathode. International Journal of Hydrogen Energy, 2014, 39, 4322-4330.	7.1	52
78	An oligofluorene truxene based distributed feedback laser for biosensing applications. Biosensors and Bioelectronics, 2014, 54, 679-686.	10.1	24
79	Light-Emitting Diodes: An Organic Down-Converting Material for White-Light Emission from Hybrid LEDs (Adv. Mater. 43/2014). Advanced Materials, 2014, 26, 7415-7415.	21.0	3
80	Charge transport in a two-dimensional molecular organic semiconductor. Journal of Materials Chemistry C, 2014, 2, 34-39.	5.5	15
81	An Organic Downâ€Converting Material for Whiteâ€Light Emission from Hybrid LEDs. Advanced Materials, 2014, 26, 7290-7294.	21.0	111
82	Fused H-shaped tetrathiafulvaleneâ€“oligothiophenes as charge transport materials for OFETs and OPVs. Journal of Materials Chemistry C, 2014, 2, 2674-2683.	5.5	15
83	Conducting Nanofibers and Organogels Derived from the Self-Assembly of Tetrathiafulvalene-Appended Dipeptides. Langmuir, 2014, 30, 12429-12437.	3.5	82
84	Close Encounters of the 3D Kind â€“ Exploiting High Dimensionality in Molecular Semiconductors. Advanced Materials, 2013, 25, 1948-1954.	21.0	82
85	A brief perspective on the evolution of plastic electronics â€“ from highly conducting polymers to conjugated organic semiconductors. Chemical Communications, 2013, 49, 9242.	4.1	9
86	An organic semiconductor laser based on star-shaped truxene-core oligomers for refractive index sensing. Sensors and Actuators B: Chemical, 2013, 185, 132-139.	7.8	33
87	Poly([1,4]Dithiino[2,3â€c]Furan): The Synthesis, Electrochemistry, and Optoelectronic Properties of a Furanâ€Containing Polymer. Macromolecular Rapid Communications, 2013, 34, 1330-1334.	3.9	7
88	The development of sensors for volatile nitro-containing compounds as models for explosives detection. Sensors and Actuators B: Chemical, 2013, 176, 534-542.	7.8	32
89	Linear oligofluorene-BODIPY structures for fluorescence applications. Journal of Materials Chemistry C, 2013, 1, 2249.	5.5	20
90	Nanoimprinted Organic Semiconductor Laser Pumped by a Lightâ€Emitting Diode. Advanced Materials, 2013, 25, 2826-2830.	21.0	92

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91	Lowâ€Threshold Nanoimprinted Lasers Using Substructured Gratings for Control of Distributed Feedback. Advanced Optical Materials, 2013, 1, 563-566.	7.3	36
92	Nanoimprinted polymer lasers with threshold below 100 W/cm^2 using mixed-order distributed feedback resonators. Optics Express, 2013, 21, 14362.	3.4	28
93	Highly-photostable and mechanically flexible all-organic semiconductor lasers. Optical Materials Express, 2013, 3, 584.	3.0	20
94	LED pumped polymer laser sensor for explosives. Laser and Photonics Reviews, 2013, 7, L71-L76.	8.7	56
95	Organic distributed feedback laser biosensor. , 2013, , .		0
96	Location, Location, Location - Strategic Positioning of 2,1,3-Benzothiadiazole Units within Trigonal Quaterfluorene-Truxene Star-Shaped Structures. Advanced Functional Materials, 2013, 23, 2792-2804.	14.9	67
97	Incorporation of perfluorohexyl-functionalised thiophenes into oligofluorene-truxenes: synthesis and physical properties. Beilstein Journal of Organic Chemistry, 2013, 9, 1243-1251.	2.2	6
98	Ï€-Conjugated Star-Shaped Oligomers in Organic Electronics and Photonics. , 2013, , 1-10.		0
99	Nanoimprinted resonators for polymer lasers pumped by light-emitting diodes. , 2012, , .		0
100	Organic polymer composite random laser operating underwater. Optics Letters, 2012, 37, 5160.	3.3	4
101	Laser characteristics of a family of benzene-cored star-shaped oligofluorenes. Semiconductor Science and Technology, 2012, 27, 094005.	2.0	21
102	Dynamics of fluorescence depolarisation in star-shaped oligofluorene-truxene molecules. Physical Chemistry Chemical Physics, 2012, 14, 9176.	2.8	33
103	Electrochromic properties of a poly(dithienylfuran) derivative featuring a redox-active dithiin unit. Polymer Chemistry, 2012, 3, 2277.	3.9	14
104	Incorporation of fused tetrathiafulvalene units in a DPPâ€“terthiophene copolymer for air stable solution processable organic field effect transistors. Journal of Materials Chemistry, 2012, 22, 11310.	6.7	41
105	Donorâ€“Acceptor Conjugated Polymers Based on p- and o-Benzodifuranone and Thiophene Derivatives: Electrochemical Preparation and Optical and Electronic Properties. Macromolecules, 2012, 45, 743-750.	4.8	35
106	BODIPY-based conjugated polymers for broadband light sensing and harvesting applications. Journal of Materials Chemistry, 2012, 22, 14119.	6.7	54
107	Microelectrode sensor utilising nitro-sensitive polymers for application in explosives detection. Micro and Nano Letters, 2012, 7, 962-964.	1.3	4
108	Structural and DFT Studies of Dibromine and Diiodine Adducts of a Sulfurâ€Rich Thiocarbonyl Donor. European Journal of Inorganic Chemistry, 2012, 2012, 2373-2380.	2.0	11

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109	Oligothiophene Cruciform with a Germanium Spiro Center: A Promising Material for Organic Photovoltaics. Angewandte Chemie - International Edition, 2012, 51, 4562-4567.	13.8	29
110	Tetrathiafulvalene-annulated dipyrrolylquinoxaline: the effect of fluoride on its optical and electrochemical behaviors. Tetrahedron, 2012, 68, 1590-1594.	1.9	10
111	Modification of emission wavelength in organic random lasers based on photonic glass. Organic Electronics, 2012, 13, 1129-1135.	2.6	11
112	Mechanically Flexible Organic Semiconductor Laser Array. IEEE Photonics Journal, 2012, 4, 684-690.	2.0	9
113	Tunable random laser action in a π-conjugated polymer-based photonic glass gain medium. , 2011, , .		0
114	Electronic, redox and charge transport properties of an unusual hybrid structure: a bis(septithiophene) bridged by a fused tetrathiafulvalene (TTF). Journal of Materials Chemistry, 2011, 21, 1462-1469.	6.7	21
115	Self-assembly and charge transport properties of a benzobisthiazole end-capped with dihexyl thienothiophene units. Journal of Materials Chemistry, 2011, 21, 2091-2097.	6.7	28
116	Dip-pen nanolithography of nanostructured oligofluorene truxenes in a photo-curable host matrix. Journal of Materials Chemistry, 2011, 21, 14209.	6.7	9
117	Optical Excitations in Star-Shaped Fluorene Molecules. Journal of Physical Chemistry A, 2011, 115, 2913-2919.	2.5	40
118	Sexithiophenes as efficient luminescence quenchers of quantum dots. Beilstein Journal of Organic Chemistry, 2011, 7, 1722-1731.	2.2	6
119	Electrochemical synthesis of ammonia based on doped-ceria-carbonate composite electrolyte and perovskite cathode. Solid State Ionics, 2011, 201, 94-100.	2.7	89
120	Conjugated Microporous Networks on the Basis of 2,3,5,6â€Tetraarylated Diketopyrrolo[3,4â€c]pyrrole. Macromolecular Rapid Communications, 2011, 32, 825-830.	3.9	58
121	Wellâ€Defined and Monodisperse Linear and Starâ€Shaped Quaterfluoreneâ€DPP Molecules: the Significance of Conjugation and Dimensionality. Advanced Materials, 2011, 23, 2093-2097.	21.0	48
122	Redox doping behaviour of poly(3,4-ethylenedithiothiophene) â€“ The counterion effect. Optical Materials, 2011, 33, 1405-1409.	3.6	18
123	Laser action in a surface-structured free-standing membrane based on a Ï€-conjugated polymer-composite. Organic Electronics, 2011, 12, 62-69.	2.6	40
124	Synthesis and electro-polymerisation of a novel heteropentalene mesomeric betaine: preparation of a novel low band-gap conjugated polymer. Tetrahedron Letters, 2011, 52, 526-529.	1.4	3
125	Hybrid GaN/organic polymer photonic crystal LED. , 2011, , .		0
126	Star-shaped Ï€-conjugated oligomers and their applications in organic electronics and photonics. Chemical Society Reviews, 2010, 39, 2695.	38.1	329

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127	Polyterthiophenes Incorporating 3,4â€Difluorothiophene Units: Application in Organic Fieldâ€Effect Transistors. Macromolecular Chemistry and Physics, 2010, 211, 2642-2648.	2.2	10
128	Cross-linked polymers based on 2,3,5,6-tetra-substituted pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione (DPP): Synthesis, optical and electronic properties. Polymer, 2010, 51, 6107-6114.	3.8	30
129	Redox-active tetrathiafulvalene and dithiolene compounds derived from allylic 1,4-diol rearrangement products of disubstituted 1,3-dithiole derivatives. Beilstein Journal of Organic Chemistry, 2010, 6, 1002-1014.	2.2	10
130	Amplified spontaneous emission in free-standing membranes incorporating star-shaped monodisperse Ï€-conjugated truxene oligomers. Journal of Optics (United Kingdom), 2010, 12, 035503.	2.2	17
131	Synthesis and Electropolymerization of Hexadecyl Functionalized Bithiophene and Thieno[3,2-b]thiophene End-Capped with EDOT and EDTT Units. Chemistry of Materials, 2010, 22, 3000-3008.	6.7	41
132	Flexible blue-emitting encapsulated organic semiconductor DFB laser. Optics Express, 2010, 18, 25535.	3.4	69
133	Broadly tunable deep blue laser based on a star-shaped oligofluorene truxene. Synthetic Metals, 2010, 160, 1397-1400.	3.9	48
134	Synthesis and characterisation of new diindenodithienothiophene (DITT) based materials. Journal of Materials Chemistry, 2010, 20, 1112-1116.	6.7	14
135	Flexible blue-emitting DFB laser. , 2010, , .		0
136	Free-standing light-emitting organic nanocomposite membranes. , 2009, , .		0
137	Effect of exciton self-trapping and molecular conformation on photophysical properties of oligofluorenes. Journal of Chemical Physics, 2009, 131, 154906.	3.0	33
138	Low-threshold organic laser based on an oligofluorene truxene with low optical losses. Applied Physics Letters, 2009, 94, .	3.3	95
139	Miniature humidity micro-sensor based on organic conductive polymer â€“ poly(3,4-ethylenedioxythiophene). Micro and Nano Letters, 2009, 4, 84-87.	1.3	18
140	Direct Laser Writing of Nanosized Oligofluorene Truxenes in UVâ€Transparent Photoresist Microstructures. Advanced Materials, 2009, 21, 781-785.	21.0	35
141	Pronounced Electrochemical Amphotericity of a Fused Donorâ€“Acceptor Compound: A Planar Merge of TTF with a TCNQâ€Type Bithienoquinoxaline. Chemistry - A European Journal, 2009, 15, 63-66.	3.3	58
142	Controlling the Conformational Changes in Donorâ€“Acceptor [4]â€Dendralenes through Intramolecular Chargeâ€Transfer Processes. Chemistry - A European Journal, 2009, 15, 11581-11593.	3.3	18
143	Electrochemical Polymerisation of Nâ€Arylated and Nâ€Alkylated EDOTâ€Substituted Pyrrolo[3,4â€c]pyrroleâ€1,4â€dione (DPP) Derivatives: Influence of Substitution Pattern on Optical and Electronic Properties. Macromolecular Rapid Communications, 2009, 30, 1834-1840.	3.9	26
144	Star-shaped oligofluorene nanostructured blend materials: controlled micro-patterning and physical characteristics. Applied Physics A: Materials Science and Processing, 2009, 97, 119-123.	2.3	4

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145	Hybrid GaN/organic microstructured light-emitting devices via ink-jet printing. Optics Express, 2009, 17, 16436.	3.4	33
146	Electrochemical, Spectroelectrochemical, and Comparative Studies of Novel Organic Conjugated Monomers and Polymers Featuring the Redox-Active Unit Tetrathianaphthalene. Macromolecules, 2009, 42, 2570-2580.	4.8	13
147	New Redox Stable Low Band Gap Conjugated Polymer Based on an EDOTâ^'BODIPYâ^'EDOT Repeat Unit. Chemistry of Materials, 2009, 21, 1784-1786.	6.7	57
148	The Introduction of Pyrrolotetrathiafulvalene into Conjugated Architectures: Synthesis and Electronic Properties. Macromolecular Rapid Communications, 2008, 29, 1226-1230.	3.9	8
149	Hexylâ€Substituted Oligoselenophenes with Central Tetrafluorophenylene Units: Synthesis, Characterisation and Application in Organic Field Effect Transistors. Macromolecular Rapid Communications, 2008, 29, 1839-1843.	3.9	22
150	Novel dithiolene complexes incorporating conjugated electroactive ligands. Dalton Transactions, 2008, , 3070.	3.3	19
151	10,11-Dihydrodiindeno[1,2-b:2â€²,1â€²-d]thiophene. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o167-o167.	0.2	4
152	Fluorene functionalised sexithiophenesâ€"utilising intramolecular charge transfer to extend the photocurrent spectrum in organic solar cells. Journal of Materials Chemistry, 2007, 17, 1055-1062.	6.7	29
153	Synthesis and properties of alkynethiolate gold(i) complexes. Dalton Transactions, 2007, , 5329.	3.3	14
154	Electrochromic properties of a fast switching, dual colour polythiophene bearing non-planar dithiinoquinoxaline units. Journal of Materials Chemistry, 2007, 17, 225-231.	6.7	54
155	Electronic and Molecular Structures of Trigonal Truxene-Core Systems Conjugated to Peripheral Fluorene Branches. Spectroscopic and Theoretical Study. Journal of Physical Chemistry B, 2007, 111, 4026-4035.	2.6	36
156	Synthesis of an End-Capped Sexithiophene Bearing Fused Tetrathiafulvalene (TTF) Units. Organic Letters, 2007, 9, 1601-1604.	4.6	19
157	Poly(3,4-ethylenediselena)thiopheneThe Selenium Equivalent of PEDOT. Chemistry of Materials, 2007, 19, 301-307.	6.7	48
158	Regioregular poly(3-hexyl)selenophene: a low band gap organic hole transporting polymer. Chemical Communications, 2007, , 5061.	4.1	322
159	Electrochemistry, Spectroscopy, and Electrogenerated Chemiluminescence of Some Star-Shaped Truxeneâ^'Oligofluorene Compoundsâ€. Journal of Physical Chemistry B, 2007, 111, 6612-6619.	2.6	46
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