

Peter J Skabara

List of Publications by Year in Descending Order

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

209
papers

6,019
citations

43
h-index

65
g-index

247
ext. papers

6,554
ext. citations

6.6
avg, IF

5.63
L-index

#	Paper	IF	Citations
209	Making organic light-emitting diodes sustainable from metal-free emitters to less energy-intensive processing 2022 , 229-280		
208	Amino acid functionalised perylene bisimides for aqueous solution-deposited electron transporting interlayers in organic photovoltaic devices. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 3944-3950	7.1	1
207	Highly nonlinear transport across single-molecule junctions via destructive quantum interference. <i>Nature Nanotechnology</i> , 2021 , 16, 313-317	28.7	14
206	Carbazole-based D- π A molecules: Determining the photophysical properties and comparing ICT effects of π -spacer and acceptor groups. <i>Journal of Molecular Structure</i> , 2021 , 1239, 130494	3.4	2
205	A red-orange carbazole-based iridium(III) complex: Synthesis, thermal, optical and electrochemical properties and OLED application. <i>Journal of Organometallic Chemistry</i> , 2021 , 951, 122004	2.3	3
204	Multifunctional asymmetric D-A-D π compounds: Mechanochromic luminescence, thermally activated delayed fluorescence and aggregation enhanced emission. <i>Chemical Engineering Journal</i> , 2020 , 401, 125962	14.7	21
203	The damaging effects of the acidity in PEDOT:PSS on semiconductor device performance and solutions based on non-acidic alternatives. <i>Materials Horizons</i> , 2020 , 7, 1759-1772	14.4	65
202	Efficiency enhancement of small molecule organic solar cells using hexapropyltruxene as an interface layer. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 4909-4918	7.1	2
201	A poly(urethane)-encapsulated benzo[2,3-d:6,7-d']diimidazole organic down-converter for green hybrid LEDs. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 1006-1012	7.8	5
200	Donor-Acceptor 1,2,4,5-Tetrazines Prepared by the Buchwald-Hartwig Cross-Coupling Reaction and Their Photoluminescence Turn-On Property by Inverse Electron Demand Diels-Alder Reaction. <i>Journal of Organic Chemistry</i> , 2020 , 85, 3407-3416	4.2	15
199	Synthesis of novel multifunctional carbazole-based molecules and their thermal, electrochemical and optical properties. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 1066-1074	2.5	4
198	An experimental and theoretical study of exciplex-forming compounds containing trifluorobiphenyl and 3,6-di-tert-butylcarbazole units and their performance in OLEDs. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 14186-14195	7.1	3
197	Yellowish-orange and red emitting quinoline-based iridium(III) complexes: Synthesis, thermal, optical and electrochemical properties and OLED application. <i>Synthetic Metals</i> , 2020 , 268, 116504	3.6	7
196	Implementing fluorescent MOFs as down-converting layers in hybrid light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 2394-2400	7.1	15
195	Design of Linear and Star-Shaped Macromolecular Organic Semiconductors for Photonic Applications. <i>Accounts of Chemical Research</i> , 2019 , 52, 1665-1674	24.3	16
194	Highly efficient fullerene and non-fullerene based ternary organic solar cells incorporating a new tetrathiocin-cored semiconductor. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 2087-2099	5.8	8
193	Tetrathiafulvalene-fluorene star-shaped systems: new semiconductor materials for fluorescent moisture indicators. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 6582-6591	7.1	8

192	Effect of end group functionalisation of small molecules featuring the fluorene-thiophene-benzothiadiazole motif as emitters in solution-processed red and orange organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 3934-3944	7.1	8
191	Multi-colour electrochromic materials based on polyaromatic esters with low driving voltage. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 9467-9473	7.1	14
190	Noncovalent Close Contacts in Fluorinated Thiophene-Phenylene-Thiophene Conjugated Units: Understanding the Nature and Dominance of O-H versus S-H and O-F Interactions with Respect to the Control of Polymer Conformation. <i>Chemistry of Materials</i> , 2019 , 31, 7070-7079	9.6	12
189	Single-Molecule Spectroscopy of Polyfluorene Chains Reveals Phase Content and Phase Reversibility in Organic Solvents. <i>Matter</i> , 2019 , 1, 1399-1410	12.7	4
188	Broadband near-IR absorbing Au-dithiolenes complexes bearing redox-active oligothiophene ligands. <i>Dalton Transactions</i> , 2018 , 48, 107-116	4.3	2
187	Impedance spectroscopy of OLEDs as a tool for estimating mobility and the concentration of charge carriers in transport layers. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 1008-1014	7.1	32
186	Investigating the effect of heteroatom substitution in 2,1,3-benzoxadiazole and 2,1,3-benzothiadiazole compounds for organic photovoltaics. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 3709-3714	7.1	7
185	An iminodibenzyl-quinoxaline-iminodibenzyl scaffold as a mechanochromic and dual emitter: donor and bridge effects on optical properties. <i>Chemical Communications</i> , 2018 , 54, 13857-13860	5.8	29
184	Synergistic electrodeposition of bilayer films and analysis by Raman spectroscopy. <i>Beilstein Journal of Organic Chemistry</i> , 2018 , 14, 2186-2189	2.5	1
183	Observation of Dual Room Temperature Fluorescence-Phosphorescence in Air, in the Crystal Form of a Thianthrene Derivative. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 24958-24966	3.8	22
182	Organic Semiconductor Laser Platform for the Detection of DNA by AgNP Plasmonic Enhancement. <i>Langmuir</i> , 2018 , 34, 14766-14773	4	3
181	Intermolecular interactions in molecular crystals and their effect on thermally activated delayed fluorescence of helicene-based emitters. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 10557-10568	7.1	12
180	Star-shaped fluorene-BODIPY oligomers: versatile donor-acceptor systems for luminescent solar concentrators. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1952-1962	7.1	37
179	An Ambipolar BODIPY Derivative for a White Exciplex OLED and Cholesteric Liquid Crystal Laser toward Multifunctional Devices. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 4750-4757	9.5	91
178	A saturated red color converter for visible light communication using a blend of star-shaped organic semiconductors. <i>Applied Physics Letters</i> , 2017 , 110, 013302	3.4	11
177	Influence of optical material properties on strong coupling in organic semiconductor based microcavities. <i>Applied Physics Letters</i> , 2017 , 110, 153302	3.4	18
176	Scale-up Chemical Synthesis of Thermally-activated Delayed Fluorescence Emitters Based on the Dibenzothiophene-S,S-Dioxide Core. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	3
175	Polymer colour converter with very high modulation bandwidth for visible light communications. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 8916-8920	7.1	9

174	Novel 4,8-benzobisthiazole copolymers and their field-effect transistor and photovoltaic applications. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 11927-11936	7.1	14
173	Solution-processable 2,1,3-benzothiadiazole containing compound based on the novel 1-dodecyl-6-dodecoxynaphthyridine-2-one unit for organic field-effect transistors. <i>Organic Electronics</i> , 2017 , 49, 400-405	3.5	2
172	Fluorene-containing tetraphenylethylene molecules as lasing materials. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 734-746	2.5	6
171	Miniature Nitro and Peroxide Vapor Sensors Using Nanoporous Thin Films. <i>IEEE Sensors Journal</i> , 2016 , 16, 8767-8774	4	3
170	High brightness solution-processed OLEDs employing linear, small molecule emitters. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3774-3780	7.1	32
169	Chirality induction using circularly polarized light into a branched oligofluorene derivative in the presence of an achiral aid molecule. <i>Chemical Communications</i> , 2016 , 52, 1919-22	5.8	26
168	RGB and white-emitting organic lasers on flexible glass. <i>Optics Express</i> , 2016 , 24, 2273-80	3.3	20
167	Fully spray-coated organic solar cells on woven polyester cotton fabrics for wearable energy harvesting applications. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 5561-5568	13	42
166	Colour tuning in white hybrid inorganic/organic light-emitting diodes. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 405103	3	13
165	Cool to warm white light emission from hybrid inorganic/organic light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 11499-11507	7.1	22
164	BODIPY star-shaped molecules as solid state colour converters for visible light communications. <i>Applied Physics Letters</i> , 2016 , 109, 013302	3.4	10
163	A single emitting layer white OLED based on exciplex interface emission. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3851-3856	7.1	60
162	Nanoparticles of Cu ₂ ZnSnS ₄ as performance enhancing additives for organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 5109-5115	7.1	7
161	To bend or not to bend – are heteroatom interactions within conjugated molecules effective in dictating conformation and planarity?. <i>Materials Horizons</i> , 2016 , 3, 333-339	14.4	62
160	Acceptor–Donor–Acceptor small molecules based on derivatives of 3,4-ethylenedioxythiophene for solution processed organic solar cells. <i>RSC Advances</i> , 2016 , 6, 98797-98803	3.7	6
159	An Air-Stable DPP-thieno-TTF Copolymer for Single-Material Solar Cell Devices and Field Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 27999-8005	9.5	17
158	Side-Chain Influence on the Mass Density and Refractive Index of Polyfluorenes and Star-Shaped Oligofluorene Truxenes. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 22102-22107	3.8	11
157	Ultralow-threshold up-converted lasing in oligofluorenes with tailored strong nonlinear absorption. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 12018-12025	7.1	18

156	The role of structural and electronic factors in shaping the ambipolar properties of donor-acceptor polymers of thiophene and benzothiadiazole. <i>RSC Advances</i> , 2015 , 5, 77303-77315	3.7	28
155	Highly efficient electrogenerated chemiluminescence of an oligofluorene-truxene star-shaped compound incorporating 2,1,3-benzothiadiazole units. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 1166-1171	7.1	24
154	Fluorescent Red-Emitting BODIPY Oligofluorene Star-Shaped Molecules as a Color Converter Material for Visible Light Communications. <i>Advanced Optical Materials</i> , 2015 , 3, 536-540	8.1	35
153	Tetrathiafulvalene chemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1528-9	2.5	11
152	Thiazole-induced rigidification in substituted dithieno-tetrathiafulvalene: the effect of planarisation on charge transport properties. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1148-54	2.5	9
151	Polythiophene and oligothiophene systems modified by TTF electroactive units for organic electronics. <i>Beilstein Journal of Organic Chemistry</i> , 2015 , 11, 1749-66	2.5	21
150	Novel polymer materials for low-cost nitro vapor detection sensors 2015 ,		1
149	Novel Fast Color-Converter for Visible Light Communication Using a Blend of Conjugated Polymers. <i>ACS Photonics</i> , 2015 , 2, 194-199	6.3	45
148	An oligofluorene truxene based distributed feedback laser for biosensing applications. <i>Biosensors and Bioelectronics</i> , 2014 , 54, 679-86	11.8	22
147	Light-Emitting Diodes: An Organic Down-Converting Material for White-Light Emission from Hybrid LEDs (Adv. Mater. 43/2014). <i>Advanced Materials</i> , 2014 , 26, 7415-7415	24	3
146	Charge transport in a two-dimensional molecular organic semiconductor. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 34-39	7.1	12
145	An organic down-converting material for white-light emission from hybrid LEDs. <i>Advanced Materials</i> , 2014 , 26, 7290-4	24	95
144	Fused H-shaped tetrathiafulvalene-oligothiophenes as charge transport materials for OFETs and OPVs. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2674-2683	7.1	11
143	Conducting nanofibers and organogels derived from the self-assembly of tetrathiafulvalene-appended dipeptides. <i>Langmuir</i> , 2014 , 30, 12429-37	4	76
142	Organic Conductors Containing Selenium and Tellurium 2014 , 1-30		
141	Polymer Electronics. Oxford Master Series in Physics 22. Von Mark Geoghegan und Georges Hadziioannou.. <i>Angewandte Chemie</i> , 2014 , 126, 3376-3376	3.6	1
140	Synthesis and properties of novel star-shaped oligofluorene conjugated systems with BODIPY cores. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 2704-14	2.5	7
139	Solution processable diketopyrrolopyrrole (DPP) cored small molecules with BODIPY end groups as novel donors for organic solar cells. <i>Beilstein Journal of Organic Chemistry</i> , 2014 , 10, 2683-95	2.5	20

138	Molecular electronics: general discussion. <i>Faraday Discussions</i> , 2014 , 174, 125-51	3.6	4
137	Organic photovoltaics and energy: general discussion. <i>Faraday Discussions</i> , 2014 , 174, 341-55	3.6	2
136	Novel electrochemiluminescent materials for sensor applications. <i>Faraday Discussions</i> , 2014 , 174, 357-67	3.6	6
135	Photonics: general discussion. <i>Faraday Discussions</i> , 2014 , 174, 235-53	3.6	
134	Hybrid organic semiconductor lasers for bio-molecular sensing. <i>Faraday Discussions</i> , 2014 , 174, 369-81	3.6	4
133	Field-Effect Mobility, Morphology and Electroluminescence of a Semiconductor Based on a DPP-Quaterfluorene Quadrupolar Linear Conjugated System. <i>Israel Journal of Chemistry</i> , 2014 , 54, 828-834	3.4	2
132	Electrochemical synthesis of ammonia from N ₂ and H ₂ O based on (Li,Na,K) ₂ CO ₃ /Ce _{0.8} Gd _{0.18} Ca _{0.02} O ₂ composite electrolyte and CoFe ₂ O ₄ cathode. <i>International Journal of Hydrogen Energy</i> , 2014 , 39, 4322-4330	6.7	45
131	A brief perspective on the evolution of plastic electronics--from highly conducting polymers to conjugated organic semiconductors. <i>Chemical Communications</i> , 2013 , 49, 9242-4	5.8	6
130	An organic semiconductor laser based on star-shaped truxene-core oligomers for refractive index sensing. <i>Sensors and Actuators B: Chemical</i> , 2013 , 185, 132-139	8.5	27
129	Poly([1,4]Dithiino[2,3-c]Furan): the synthesis, electrochemistry, and optoelectronic properties of a furan-containing polymer. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 1330-4	4.8	7
128	The development of sensors for volatile nitro-containing compounds as models for explosives detection. <i>Sensors and Actuators B: Chemical</i> , 2013 , 176, 534-542	8.5	23
127	Linear oligofluorene-BODIPY structures for fluorescence applications. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2249	7.1	18
126	Nanoimprinted organic semiconductor laser pumped by a light-emitting diode. <i>Advanced Materials</i> , 2013 , 25, 2826-30	24	81
125	Low-Threshold Nanoimprinted Lasers Using Substructured Gratings for Control of Distributed Feedback. <i>Advanced Optical Materials</i> , 2013 , 1, 563-566	8.1	25
124	Electrochemistry and In Situ EPR Spectroelectrochemistry of Poly(3,4-ethylenedithiophene). <i>Key Engineering Materials</i> , 2013 , 559, 121-125	0.4	1
123	Nanoimprinted polymer lasers with threshold below 100 W/cm ² using mixed-order distributed feedback resonators. <i>Optics Express</i> , 2013 , 21, 14362-7	3.3	27
122	Highly-photostable and mechanically flexible all-organic semiconductor lasers. <i>Optical Materials Express</i> , 2013 , 3, 584	2.6	18
121	LED pumped polymer laser sensor for explosives. <i>Laser and Photonics Reviews</i> , 2013 , 7, L71-L76	8.3	46

120	Location, Location, Location - Strategic Positioning of 2,1,3-Benzothiadiazole Units within Trigonal Quaterfluorene-Truxene Star-Shaped Structures. <i>Advanced Functional Materials</i> , 2013 , 23, 2792-2804	15.6	60
119	Incorporation of perfluorohexyl-functionalised thiophenes into oligofluorene-truxenes: synthesis and physical properties. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 1243-51	2.5	5
118	Tetrathiafulvalene-annulated dipyrrolylquinoxaline: the effect of fluoride on its optical and electrochemical behaviors. <i>Tetrahedron</i> , 2012 , 68, 1590-1594	2.4	9
117	Modification of emission wavelength in organic random lasers based on photonic glass. <i>Organic Electronics</i> , 2012 , 13, 1129-1135	3.5	9
116	Mechanically Flexible Organic Semiconductor Laser Array. <i>IEEE Photonics Journal</i> , 2012 , 4, 684-690	1.8	8
115	Dynamics of fluorescence depolarisation in star-shaped oligofluorene-truxene molecules. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 9176-84	3.6	31
114	Electrochromic properties of a poly(dithienylfuran) derivative featuring a redox-active dithiin unit. <i>Polymer Chemistry</i> , 2012 , 3, 2277	4.9	13
113	Incorporation of fused tetrathiafulvalene units in a DPPe ⁺ erthiophene copolymer for air stable solution processable organic field effect transistors. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11310		37
112	Donor-Acceptor Conjugated Polymers Based on p- and o-Benzodifuranone and Thiophene Derivatives: Electrochemical Preparation and Optical and Electronic Properties. <i>Macromolecules</i> , 2012 , 45, 743-750	5.5	31
111	BODIPY-based conjugated polymers for broadband light sensing and harvesting applications. <i>Journal of Materials Chemistry</i> , 2012 , 22, 14119		49
110	Microelectrode sensor utilising nitro-sensitive polymers for application in explosives detection. <i>Micro and Nano Letters</i> , 2012 , 7, 962-964	0.9	3
109	Structural and DFT Studies of Dibromine and Diiodine Adducts of a Sulfur-Rich Thiocarbonyl Donor. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 2373-2380	2.3	9
108	Oligothiophene Cruciform with a Germanium Spiro Center: A Promising Material for Organic Photovoltaics. <i>Angewandte Chemie</i> , 2012 , 124, 4640-4645	3.6	4
107	Oligothiophene cruciform with a germanium spiro center: a promising material for organic photovoltaics. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4562-7	16.4	23
106	Organic polymer composite random laser operating underwater. <i>Optics Letters</i> , 2012 , 37, 5160-2	3	3
105	Laser characteristics of a family of benzene-cored star-shaped oligofluorenes. <i>Semiconductor Science and Technology</i> , 2012 , 27, 094005	1.8	19
104	Self-assembly and charge transport properties of a benzobisthiazole end-capped with dihexyl thienothiophene units. <i>Journal of Materials Chemistry</i> , 2011 , 21, 2091-2097		26
103	Dip-pen nanolithography of nanostructured oligofluorene truxenes in a photo-curable host matrix. <i>Journal of Materials Chemistry</i> , 2011 , 21, 14209		7

102	Optical excitations in star-shaped fluorene molecules. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 2913-92.8		36
101	Sexithiophenes as efficient luminescence quenchers of quantum dots. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 1722-31	2.5	5
100	Electrochemical synthesis of ammonia based on doped-ceria-carbonate composite electrolyte and perovskite cathode. <i>Solid State Ionics</i> , 2011 , 201, 94-100	3.3	79
99	Conjugated microporous networks on the basis of 2,3,5,6-tetraarylated diketopyrrolo[3,4-c]pyrrole. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 825-30	4.8	52
98	Well-defined and monodisperse linear and star-shaped quaterfluorene-DPP molecules: the significance of conjugation and dimensionality. <i>Advanced Materials</i> , 2011 , 23, 2093-7	24	39
97	Electronic, redox and charge transport properties of an unusual hybrid structure: a bis(septithiophene) bridged by a fused tetrathiafulvalene (TTF). <i>Journal of Materials Chemistry</i> , 2011 , 21, 1462-1469		16
96	Redox doping behaviour of poly(3,4-ethylenedithiophene) – The counterion effect. <i>Optical Materials</i> , 2011 , 33, 1405-1409	3.3	15
95	Laser action in a surface-structured free-standing membrane based on a π -conjugated polymer-composite. <i>Organic Electronics</i> , 2011 , 12, 62-69	3.5	37
94	Synthesis and electro-polymerisation of a novel heteropentalene mesomeric betaine: preparation of a novel low band-gap conjugated polymer. <i>Tetrahedron Letters</i> , 2011 , 52, 526-529	2	3
93	Redox-active tetrathiafulvalene and dithiolenes derived from allylic 1,4-diol rearrangement products of disubstituted 1,3-dithiolenes. <i>Beilstein Journal of Organic Chemistry</i> , 2010 , 6, 1002-14	2.5	7
92	Amplified spontaneous emission in free-standing membranes incorporating star-shaped monodisperse π -conjugated truxene oligomers. <i>Journal of Optics (United Kingdom)</i> , 2010 , 12, 035503	1.7	15
91	Synthesis and Electropolymerization of Hexadecyl Functionalized Bithiophene and Thieno[3,2-b]thiophene End-Capped with EDOT and EDTT Units. <i>Chemistry of Materials</i> , 2010 , 22, 3000-3008	3.6	35
90	Flexible blue-emitting encapsulated organic semiconductor DFB laser. <i>Optics Express</i> , 2010 , 18, 25535-45.3	3.3	53
89	Broadly tunable deep blue laser based on a star-shaped oligofluorene truxene. <i>Synthetic Metals</i> , 2010 , 160, 1397-1400	3.6	46
88	Synthesis and characterisation of new diindenodithienothiophene (DITT) based materials. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1112-1116		13
87	Star-shaped π -conjugated oligomers and their applications in organic electronics and photonics. <i>Chemical Society Reviews</i> , 2010 , 39, 2695-728	58.5	302
86	Polyterthiophenes Incorporating 3,4-Difluorothiophene Units: Application in Organic Field-Effect Transistors. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 2642-2648	2.6	10
85	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. <i>Polymer</i> , 2010 , 51, 6107-6114	3.9	25

84	Effect of exciton self-trapping and molecular conformation on photophysical properties of oligofluorenes. <i>Journal of Chemical Physics</i> , 2009 , 131, 154906	3.9	32
83	Low-threshold organic laser based on an oligofluorene truxene with low optical losses. <i>Applied Physics Letters</i> , 2009 , 94, 243304	3.4	89
82	Miniature humidity micro-sensor based on organic conductive polymer π poly(3,4-ethylenedioxythiophene). <i>Micro and Nano Letters</i> , 2009 , 4, 84-87	0.9	16
81	Direct Laser Writing of Nanosized Oligofluorene Truxenes in UV-Transparent Photoresist Microstructures. <i>Advanced Materials</i> , 2009 , 21, 781-785	2.4	23
80	Pronounced electrochemical amphotericity of a fused donor-acceptor compound: a planar merge of TTF with a TCNQ-type bithienoquinoxaline. <i>Chemistry - A European Journal</i> , 2009 , 15, 63-6	4.8	54
79	Controlling the conformational changes in donor-acceptor [4]-dendralenes through intramolecular charge-transfer processes. <i>Chemistry - A European Journal</i> , 2009 , 15, 11581-93	4.8	16
78	Electrochemical Polymerisation of N-Arylated and N-Alkylated EDOT-Substituted Pyrrolo[3,4-c]pyrrole-1,4-dione (DPP) Derivatives: Influence of Substitution Pattern on Optical and Electronic Properties. <i>Macromolecular Rapid Communications</i> , 2009 , 30, 1834-40	4.8	25
77	Star-shaped oligofluorene nanostructured blend materials: controlled micro-patterning and physical characteristics. <i>Applied Physics A: Materials Science and Processing</i> , 2009 , 97, 119-123	2.6	3
76	Hybrid GaN/organic microstructured light-emitting devices via ink-jet printing. <i>Optics Express</i> , 2009 , 17, 16436-43	3.3	28
75	Electrochemical, Spectroelectrochemical, and Comparative Studies of Novel Organic Conjugated Monomers and Polymers Featuring the Redox-Active Unit Tetrathianaphthalene. <i>Macromolecules</i> , 2009 , 42, 2570-2580	5.5	13
74	New Redox Stable Low Band Gap Conjugated Polymer Based on an EDOTBODIPYEDOT Repeat Unit. <i>Chemistry of Materials</i> , 2009 , 21, 1784-1786	9.6	56
73	Novel dithiolene complexes incorporating conjugated electroactive ligands. <i>Dalton Transactions</i> , 2008 , 3070-9	4.3	19
72	The Introduction of Pyrrolotetrathiafulvalene into Conjugated Architectures: Synthesis and Electronic Properties. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1226-1230	4.8	7
71	Hexyl-Substituted Oligoselenophenes with Central Tetrafluorophenylene Units: Synthesis, Characterisation and Application in Organic Field Effect Transistors. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1839-1843	4.8	22
70	10,11-Dihydro-diindeno[1,2-b:2',1'-d]thio-phene. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007 , 64, o167		4
69	Synthesis and properties of alkynethiolate gold(I) complexes. <i>Dalton Transactions</i> , 2007 , 5329-38	4.3	14
68	Electrochromic properties of a fast switching, dual colour polythiophene bearing non-planar dithiinoquinoxaline units. <i>Journal of Materials Chemistry</i> , 2007 , 17, 225-231		49
67	Electronic and molecular structures of trigonal truxene-core systems conjugated to peripheral fluorene branches. Spectroscopic and theoretical study. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 4026-34	3.4	33

66	Synthesis of an end-capped sexithiophene bearing fused tetrathiafulvalene (TTF) units. <i>Organic Letters</i> , 2007 , 9, 1601-4	6.2	19
65	Poly(3,4-ethylenediselena)thiophene The Selenium Equivalent of PEDOT. <i>Chemistry of Materials</i> , 2007 , 19, 301-307	9.6	48
64	Regioregular poly(3-hexyl)selenophene: a low band gap organic hole transporting polymer. <i>Chemical Communications</i> , 2007 , 5061-3	5.8	298
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