

Michael Lewis Turner

List of Publications by Year in descending order

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150
papers

6,532
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71102

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75
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all docs

157
docs citations

157
times ranked

8864
citing authors

#	ARTICLE	IF	CITATIONS
1	Modular synthesis of unsymmetrical [1]benzothieno[3,2- <i>b</i>][1]benzothiophene molecular semiconductors for organic transistors. <i>Chemical Science</i> , 2022, 13, 421-429.	7.4	12
2	Electrolyte-Gated Organic Field-Effect Transistors for Quantitative Monitoring of the Molecular Dynamics of Crystallization at the Solid-Liquid Interface. <i>Nano Letters</i> , 2022, 22, 2643-2649.	9.1	2
3	Robust Microfluidic Integrated Electrolyte-Gated Organic Field-Effect Transistor Sensors for Rapid, In Situ and Label-Free Monitoring of DNA Hybridization. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	4
4	Real-time monitoring of crystallization from solution by using an interdigitated array electrode sensor. <i>Nanoscale Horizons</i> , 2021, 6, 468-473.	8.0	4
5	Investigation of the Performance of Donor-Acceptor Conjugated Polymers in Electrolyte-Gated Organic Field-Effect Transistors. <i>Advanced Electronic Materials</i> , 2021, 7, 2100071.	5.1	7
6	Effect of varying substituent on the colour change transitions of diacetylene pigments. <i>Dyes and Pigments</i> , 2021, 192, 109397.	3.7	5
7	Amine Detection Using Organic Field Effect Transistor Gas Sensors. <i>Sensors</i> , 2021, 21, 13.	3.8	14
8	A sequential ROMP strategy to donor-acceptor di-, tri- and tetra arylenevinylene block copolymers. <i>Polymer Chemistry</i> , 2021, 12, 6731-6736.	3.9	6
9	Organic Semiconductors Processed from Synthesis-to-Device in Water. <i>Advanced Science</i> , 2020, 7, 2002010.	11.2	16
10	Photo- and Electroluminescence from Zn-Doped InN Semiconductor Nanocrystals. <i>Advanced Optical Materials</i> , 2020, 8, 2000604.	7.3	4
11	Robust High-Capacitance Polymer Gate Dielectrics for Stable Low-Voltage Organic Field-Effect Transistor Sensors. <i>Advanced Electronic Materials</i> , 2020, 6, 1901127.	5.1	29
12	Gas Blow Coating: A Deposition Technique To Control the Crystal Morphology in Thin Films of Organic Semiconductors. <i>ACS Omega</i> , 2019, 4, 11657-11662.	3.5	8
13	One-Volt, Solution-Processed Organic Transistors with Self-Assembled Monolayer-Ta ₂ O ₅ Gate Dielectrics. <i>Materials</i> , 2019, 12, 2563.	2.9	18
14	Synthesis and ROMP of Benzothiadiazole Paracyclophane-1,9-Dienes to Donor-Acceptor Alternating Arylenevinylene Copolymers. <i>Macromolecules</i> , 2019, 52, 7137-7144.	4.8	10
15	Benzoselenadiazole and benzotriazole directed electrophilic C-H borylation of conjugated donor-acceptor materials. <i>Journal of Materials Chemistry C</i> , 2019, 7, 718-724.	5.5	22
16	Bidirectional ROMP of paracyclophane-1,9-dienes to tri- and penta-block p-phenylenevinylene copolymers. <i>Polymer Chemistry</i> , 2019, 10, 3497-3502.	3.9	10
17	In Vivo Optical Performance of a New Class of Near-Infrared-Emitting Conjugated Polymers: Borylated PF8-BT. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 46525-46535.	8.0	15
18	Macrocyclic poly(<i>p</i> -phenylenevinylene)s by ring expansion metathesis polymerisation and their characterisation by single-molecule spectroscopy. <i>Chemical Science</i> , 2018, 9, 2934-2941.	7.4	19

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19	Câˆ“H Borylation/Crossâ€Coupling Forms Twisted Donorâ€Acceptor Compounds Exhibiting Donorâ€Dependent Delayed Emission. Chemistry - A European Journal, 2018, 24, 10521-10530.	3.3	4
20	Understanding the Microstructure of Poly(<i>p</i> -phenylenevinylene)s Prepared by Ring-Opening Metathesis Polymerization Using ¹³ C-Labeled Paracyclophanediene Monomers. Macromolecules, 2018, 51, 4572-4577.	4.8	10
21	Mechanistic investigation of the ring opening metathesis polymerisation of alkoxy and alkyl substituted paracyclophanedienes. Polymer Chemistry, 2017, 8, 3186-3194.	3.9	13
22	Borylated Arylamineâ€Benzothiadiazole Donorâ€Acceptor Materials as Low-LUMO, Low-Band-Gap Chromophores. Organometallics, 2017, 36, 2597-2604.	2.3	25
23	Targeted Î²-Phase Formation in Poly(fluorene)â€Ureasil Grafted Organicâ€Inorganic Hybrids. Macromolecules, 2017, 50, 4235-4243.	4.8	13
24	Use of <i>N</i> -methyliminodiacetic acid boronate esters in suzukiâ€miyaura crossâ€coupling polymerizations of triarylamine and fluorene monomers. Journal of Polymer Science Part A, 2017, 55, 2798-2806.	2.3	6
25	Post-polymerization Câˆ“H Borylation of Donorâ€Acceptor Materials Gives Highly Efficient Solid State Near-Infrared Emitters for Near-IR-OLEDs and Effective Biological Imaging. ACS Applied Materials & Interfaces, 2017, 9, 28243-28249.	8.0	53
26	Fully solution processed low voltage OFET platform for vapour sensing applications. , 2017, , .		4
27	A printed electronic platform for the specific detection of biomolecules. , 2017, , .		2
28	Confinement effects on lyotropic nematic liquid crystal phases of graphene oxide dispersions. 2D Materials, 2017, 4, .	4.4	2
29	Cyanoethyl cellulose-based nanocomposite dielectric for low-voltage, solution-processed organic field-effect transistors (OFETs). Journal Physics D: Applied Physics, 2016, 49, 185102.	2.8	52
30	Alkyl substituted [2.2]paracyclophane-1,9-dienes. Organic and Biomolecular Chemistry, 2016, 14, 6079-6087.	2.8	30
31	Properties of a Thermotropic Nematic Liquid Crystal Doped with Graphene Oxide. Advanced Optical Materials, 2016, 4, 1541-1548.	7.3	56
32	Scalable synthesis of multicolour conjugated polymer nanoparticles via Suzuki-Miyaura polymerisation in a miniemulsion and application in bioimaging. Reactive and Functional Polymers, 2016, 107, 69-77.	4.1	16
33	Alkyl substituted poly(<i>p</i> -phenylene vinylene)s by ring opening metathesis polymerisation. Polymer Chemistry, 2016, 7, 5544-5551.	3.9	23
34	A General Protocol for the Polycondensation of Thienyl <i>N</i> -Methyliminodiacetic Acid Boronate Esters To Form High Molecular Weight Copolymers. Journal of the American Chemical Society, 2016, 138, 13361-13368.	13.7	25
35	Highly Emissive Far Red/Nearâ€IR Fluorophores Based on Borylated Fluoreneâ€Benzothiadiazole Donorâ€Acceptor Materials. Chemistry - A European Journal, 2016, 22, 12439-12448.	3.3	36
36	Dielectric spectroscopy of isotropic liquids and liquid crystal phases with dispersed graphene oxide. Scientific Reports, 2016, 6, 31885.	3.3	46

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37	Sulfoxide-directed metal-free cross-couplings in the expedient synthesis of benzothiophene-based components of materials. <i>Chemical Science</i> , 2016, 7, 1281-1285.	7.4	71
38	Facile Arylation of Four-Coordinate Boron Halides by Boremium Cation Mediated Boro-desilylation and -destannylation. <i>Organometallics</i> , 2015, 34, 5767-5774.	2.3	46
39	Thienyl MIDA Boronate Esters as Highly Effective Monomers for Suzuki-Miyaura Polymerization Reactions. <i>Macromolecules</i> , 2015, 48, 979-986.	4.8	38
40	A tutorial review: Metabolomics and partial least squares-discriminant analysis – a marriage of convenience or a shotgun wedding. <i>Analytica Chimica Acta</i> , 2015, 879, 10-23.	5.4	618
41	Room temperature, solventless telomerization of isoprene with alcohols using (N-heterocyclic) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.1	20
42	Solution-processed nanocomposite dielectrics for low voltage operated OFETs. <i>Organic Electronics</i> , 2015, 17, 178-183.	2.6	68
43	1 Volt organic transistors with mixed self-assembled monolayer/Al ₂ O ₃ gate dielectrics. <i>Organic Electronics</i> , 2015, 26, 20-24.	2.6	27
44	Enhancing electron affinity and tuning band gap in donor-acceptor organic semiconductors by benzothiadiazole directed C-H borylation. <i>Chemical Science</i> , 2015, 6, 5144-5151.	7.4	134
45	Liquid crystalline textures and polymer morphologies resulting from electropolymerisation in liquid crystal phases. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8018-8023.	5.5	12
46	The influence of scaling metabolomics data on model classification accuracy. <i>Metabolomics</i> , 2015, 11, 684-695.	3.0	62
47	A Sm(II)-Mediated Cascade Approach to Dibenzoindolo[3,2-b]carbazoles: Synthesis and Evaluation. <i>Organic Letters</i> , 2014, 16, 2292-2295.	4.6	40
48	A simple method for controllable solution doping of complete polymer field-effect transistors. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	21
49	A comparative investigation of modern feature selection and classification approaches for the analysis of mass spectrometry data. <i>Analytica Chimica Acta</i> , 2014, 829, 1-8.	5.4	93
50	A comparison of different chemometrics approaches for the robust classification of electronic nose data. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7581-7590.	3.7	63
51	Extended conjugation in poly(triarylamine)s: synthesis, structure and impact on field-effect mobility. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6520-6528.	5.5	13
52	Monotelechelic poly(<i>p</i> -phenylenevinylene)s by ring opening metathesis polymerisation. <i>Chemical Communications</i> , 2014, 50, 11867-11870.	4.1	28
53	[(1,3-Bis{2,6-bis(diphenylmethyl)-4-methylphenyl}imidazole-2-ylidene)PdCl ₂ (NEt ₃)]: –Throwing Away– a Different Ancillary Ligand to Enhance the Catalytic Activity at Room Temperature. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 2200-2203.	2.0	23
54	Conjugated Polymer Nanoparticles by Suzuki-Miyaura Cross-Coupling Reactions in an Emulsion at Room Temperature. <i>Macromolecules</i> , 2014, 47, 6531-6539.	4.8	39

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55	Trichlorosilanes as Anchoring Groups for Phenylene-Thiophene Molecular Monolayer Field Effect Transistors. <i>Advanced Functional Materials</i> , 2014, 24, 6677-6683.	14.9	19
56	Photopatterning of self assembled monolayers on oxide surfaces for the selective attachment of biomolecules. <i>Biosensors and Bioelectronics</i> , 2014, 53, 82-89.	10.1	3
57	Influence of Missing Values Substitutes on Multivariate Analysis of Metabolomics Data. <i>Metabolites</i> , 2014, 4, 433-452.	2.9	158
58	Fluorescent nanoparticles from PEGylated polyfluorenes. <i>Polymer Chemistry</i> , 2013, 4, 1333.	3.9	10
59	Stabilization of the liquid crystalline blue phase by the addition of short-chain polystyrene. <i>Soft Matter</i> , 2013, 9, 4789.	2.7	27
60	Triarylamine polymers of bridged phenylenes by (N-heterocyclic carbene)-palladium catalysed C-N coupling. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3327.	5.5	17
61	Hybrid inorganic-organic composite nanoparticles from crosslinkable polyfluorenes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3297.	5.5	13
62	(N-Heterocyclic carbene)Pd(triethylamine)Cl ₂ as precatalyst for the synthesis of Poly(triarylamine)s. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4904-4911.	2.3	10
63	Phase Tag-Assisted Synthesis of Benzo[<i>b</i>]carbazole End-Capped Oligothiophenes. <i>Organic Letters</i> , 2012, 14, 5744-5747.	4.6	25
64	(N-Heterocyclic carbene)Pd catalyzed synthesis of poly(triarylamine)s by Buchwald-Hartwig coupling of aryl chlorides. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4155-4160.	2.3	13
65	Cyclopentadithiophene-benzothiadiazole oligomers and polymers; synthesis, characterisation, field-effect transistor and photovoltaic characteristics. <i>Journal of Materials Chemistry</i> , 2012, 22, 381-389.	6.7	61
66	Synthesis of poly(triarylamine)s by C-N coupling catalyzed by (N-heterocyclic carbene)-palladium complexes. <i>Reactive and Functional Polymers</i> , 2012, 72, 337-340.	4.1	11
67	Inhibited Catalyst Activation in (N-Heterocyclic carbene)PdCl ₂ (diethylamine) Complexes by Intramolecular Hydrogen Bonding. <i>Organometallics</i> , 2011, 30, 6770-6773.	2.3	48
68	(N-Heterocyclic Carbene)PdCl ₂ (TEA) Complexes: Studies on the Effect of the "Throw-Away" Ligand in Catalytic Activity. <i>Organometallics</i> , 2011, 30, 5052-5056.	2.3	127
69	Structural Analysis of Linear PEEK via MALDI-TOF Mass Spectrometry. <i>Macromolecules</i> , 2011, 44, 9054-9056.	4.8	5
70	Synthesis and Ring-Opening Metathesis of Tetraalkoxy-Substituted [2.2]Paracyclophane-1,9-dienes. <i>Chemistry - A European Journal</i> , 2011, 17, 6991-6997.	3.3	34
71	Recent Advances in Polythiophene Synthesis by Palladium-Catalyzed Cross-Coupling Reactions. <i>Current Organic Chemistry</i> , 2011, 15, 3263-3290.	1.6	16
72	Aggregation of zinc oxide nanoparticles: From non-aqueous dispersions to composites used as photoactive layers in hybrid solar cells. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 261-271.	9.4	32

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73	Poly(thienylenevinylene) prepared by ring-opening metathesis polymerization: Performance as a donor in bulk heterojunction organic photovoltaic devices. <i>Polymer</i> , 2010, 51, 1541-1547.	3.8	28
74	Effect of poly(triarylamine) molar mass distribution on organic field effect transistor behaviour. <i>Organic Electronics</i> , 2010, 11, 686-691.	2.6	16
75	Homopolymers and Block Copolymers of <i>p</i> -Phenylenevinylene-2,5-diethylhexyloxy- <i>p</i> -phenylenevinylene and <i>m</i> -Phenylenevinylene-2,5-diethylhexyloxy- <i>p</i> -phenylenevinylene by Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2010, 43, 222-232.	4.8	52
76	Synthesis, Monolayer Formation, Characterization, and Nanometer-Scale Photolithographic Patterning of Conjugated Oligomers Bearing Terminal Thioacetates. <i>Langmuir</i> , 2010, 26, 4449-4458.	3.5	8
77	An investigation of the conductivity of peptide nanotube networks prepared by enzyme-triggered self-assembly. <i>Nanoscale</i> , 2010, 2, 960.	5.6	139
78	Microwave accelerated synthesis and evaluation of conjugated oligomers based on 2,5-di-thiophene-[1,3,4]thiadiazole. <i>Journal of Materials Chemistry</i> , 2010, 20, 1999.	6.7	23
79	Cyclopentadithiophene based polymers—a comparison of optical, electrochemical and organic field-effect transistor characteristics. <i>Journal of Materials Chemistry</i> , 2010, 20, 4347.	6.7	65
80	Phenylenevinylene Block Copolymers via Ring-Opening Metathesis Polymerization. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1889-1892.	3.9	36
81	Low cost, portable, fast multiparameter data acquisition system for organic transistor odour sensors. <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 586-591.	7.8	27
82	Real-time vapour sensing using an OFET-based electronic nose and genetic programming. <i>Sensors and Actuators B: Chemical</i> , 2009, 143, 365-372.	7.8	43
83	Hybrid polymer solar cells: From the role colloid science could play in bringing deployment closer to a study of factors affecting the stability of non-aqueous ZnO dispersions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 343, 50-56.	4.7	20
84	Organic field effect transistors from ambient solution processed poly(triarylamine) insulator blends. <i>Journal of Materials Chemistry</i> , 2009, 19, 6750.	6.7	21
85	MEH-PPV by microwave assisted ring-opening metathesis polymerisation. <i>Chemical Communications</i> , 2009, , 2676.	4.1	53
86	Fmoc-Diphenylalanine Self Assembles to a Hydrogel via a Novel Architecture Based on Interlocked Sheets. <i>Advanced Materials</i> , 2008, 20, 37-41.	21.0	855
87	Development and validation of functional imprint material for the step and flash imprint lithography process. <i>Microelectronic Engineering</i> , 2008, 85, 850-852.	2.4	18
88	Microwave synthesis and fluororous purification of 4-(tetrathienyl)butyric acid for self-assembled monolayer semiconductor applications. <i>Tetrahedron Letters</i> , 2008, 49, 1328-1330.	1.4	1
89	Nanoparticle-polymer photovoltaic cells. <i>Advances in Colloid and Interface Science</i> , 2008, 138, 1-23.	14.7	425
90	Triarylamine polymers by microwave-assisted polycondensation for use in organic field-effect transistors. <i>Journal of Materials Chemistry</i> , 2008, 18, 5230.	6.7	46

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91	Towards a general solid phase approach for the iterative synthesis of conjugated oligomers using a germanium based linker - first solid phase synthesis of an oligo-(triarylamine). <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 1752-1763.	2.8	31
92	Melt-Processing of Conjugated Liquid Crystals: A Simple Route to Fabricate OFETs. <i>Advanced Materials</i> , 2007, 19, 805-809.	21.0	43
93	A Nitrogen Dioxide Sensor Based on an Organic Transistor Constructed from Amorphous Semiconducting Polymers. <i>Advanced Materials</i> , 2007, 19, 4018-4023.	21.0	149
94	Synthesis of Polytriarylamine via Microwave-Assisted Palladium-Catalysed Amination. <i>Macromolecular Rapid Communications</i> , 2007, 28, 449-455.	3.9	25
95	Rapid synthesis and fluorous-phase purification of $\hat{I}\pm$ -perfluorohexyloligothiophenes. <i>Tetrahedron Letters</i> , 2007, 48, 1045-1047.	1.4	8
96	Solution and solid state properties of 3,3'-bis(didodecylquaterthiophene and benzodithiophene copolymers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 4092-4098.	0.8	5
97	Synthesis and properties of conjugated oligomers containing fluorene, fluorenone, thiophene and cyclopentadithiophenone units. <i>Journal of Materials Chemistry</i> , 2006, 16, 83-89.	6.7	83
98	EFM phase investigation of the metal-organic film interface. <i>Applied Surface Science</i> , 2006, 252, 5477-5480.	6.1	3
99	Non-lithographic fabrication of PEDOT nano-wires between fixed Au electrodes. <i>Organic Electronics</i> , 2006, 7, 181-187.	2.6	28
100	Effect of interfacial properties and film thickness on device performance of bilayer TiO ₂ -poly(1,4-phenylenevinylene) solar cells prepared by spin coating. <i>Reactive and Functional Polymers</i> , 2006, 66, 13-20.	4.1	17
101	Soluble Poly(p-phenylenevinylene)s through Ring-Opening Metathesis Polymerization. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7797-7800.	13.8	92
102	Photochemically Cross-linked Poly(aryl ether ketone) Rings. <i>Macromolecular Rapid Communications</i> , 2006, 27, 2032-2037.	3.9	4
103	Efficient Synthesis of 1,4-Dialkoxy and 1,4-Dialkyl Substituted 2,5-Divinylbenzenes via the Stille Reaction. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 367-369.	3.2	10
104	Cyclopentadithiophene based electroactive materials. <i>Journal of Materials Chemistry</i> , 2005, 15, 1123.	6.7	124
105	Efficient Synthesis of 1,4-Dialkoxy and 1,4-Dialkyl Substituted 2,5-Divinylbenzenes via the Stille Reaction.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
106	A Tuneable Ge-based Linker that Enables Application-led Solid Phase Synthesis Optimisation - Towards a Robust Iterative Synthesis of Oligothiophenes. <i>Synlett</i> , 2004, 2004, 111-115.	1.8	28
107	High capacitance organic field-effect transistors with modified gate insulator surface. <i>Journal of Applied Physics</i> , 2004, 96, 5781-5787.	2.5	65
108	Investigation of solution processed poly(4,4-dioctylcyclopentadithiophene) thin films as transparent conductors. <i>Synthetic Metals</i> , 2004, 143, 203-206.	3.9	14

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109	Au-poly(3-hexylthiophene) contact behaviour at high resolution. <i>Synthetic Metals</i> , 2004, 145, 217-220.	3.9	19
110	Porous Siloxane-Silica Hybrid Materials by Sol-Gel Processing. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 26, 419-423.	2.4	13
111	Synthesis, solid state structure and polymerisation of a fully planar cyclopentadithiophene. Electronic supplementary information (ESI) available: Supplementary characterisation data for compounds 3a/b, 4a/b; tables of bond lengths and angles for compound 3a. See http://www.rsc.org/suppdata/cc/b3/b306171j/ . <i>Chemical Communications</i> , 2003, 2548.	4.1	16
112	Synthesis and solid-state structure of $[(\eta^2\text{-}1,5\text{-C}_5\text{Me}_4\text{CH}_2\text{CH}_2\text{CH}^{\sim}\dots\text{CH}_2)\text{Ru}(\eta^3\text{-C}_3\text{H}_5)]$. <i>Journal of Organometallic Chemistry</i> , 2003, 674, 45-49.	1.8	15
113	Mid-IR spectroscopy for rapid on-line analysis in heterogeneous catalyst testing. <i>Catalysis Today</i> , 2003, 81, 309-317.	4.4	12
114	Synthetic Routes to Solution-Processable Polycyclopentadithiophenes. <i>Macromolecules</i> , 2003, 36, 2705-2711.	4.8	100
115	Investigation of the electronic properties of cyclopentadithiophene polymers and copolymers. <i>Materials Research Society Symposia Proceedings</i> , 2003, 771, 491.	0.1	3
116	Investigations by ^{13}C NMR Spectroscopy of Ethene-Initiated Catalytic CO Hydrogenation. <i>Journal of the American Chemical Society</i> , 2002, 124, 10456-10472.	13.7	95
117	A Novel σ -Double-Coupling Strategy for Iterative Oligothiophene Synthesis Using Orthogonal Si/Ge Protection. <i>Organic Letters</i> , 2002, 4, 1899-1902.	4.6	42
118	New routes to poly(4,4-dialkylcyclopentadithiophene-2,6-diyls). Electronic supplementary information (ESI) available: partial MALDI-TOF mass spectrum of polymer 5. See http://www.rsc.org/suppdata/jm/b2/b206477d/ . <i>Journal of Materials Chemistry</i> , 2002, 12, 2597-2599.	6.7	36
119	Oxidatively induced $\text{M}=\text{C}$ bond cleavage reactions of $\text{Cp}^*\text{Ir}(\text{Me}_2\text{SO})\text{Me}_2$ and $\text{Cp}^*\text{Rh}(\text{Me}_2\text{SO})\text{Me}_2$ (Cp^*) $\text{Tj ETQq1}_{2,3}$ $1.0.784314$ rgBT / 21	1.1	14
120	Study of thin Langmuir films of symmetrically and unsymmetrically substituted derivatives of soluble poly(p-phenylenevinylene). <i>Materials Science and Engineering C</i> , 2002, 22, 289-294.	7.3	3
121	Proton induced coupling reactions in dinuclear η^5 -alkynyl- η^4 -methylene-rhodium complexes. <i>Journal of Organometallic Chemistry</i> , 2002, 663, 145-150.	1.8	4
122	23 Inorganic and organometallic polymers. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2001, 97, 443-459.	0.8	9
123	Discussion on ^{13}C -tracer study of the Fischer-Tropsch synthesis: another interpretation [B. Shi, B.H. Davis, <i>Catal. Today</i> 58 (2000) 255-261]. <i>Catalysis Today</i> , 2001, 65, 91-93.	4.4	3
124	Polysiloxane-Modified Mesoporous Materials. <i>Journal of Sol-Gel Science and Technology</i> , 2000, 19, 807-810.	2.4	7
125	High density, non-porous anatase titania thin films for device applications. <i>Journal Physics D: Applied Physics</i> , 2000, 33, 2683-2686.	2.8	57
126	23 Inorganic and organometallic polymers. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2000, 96, 491-503.	0.8	7

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127	Towards a chemical understanding of the Fischer-Tropsch reaction: alkene formation. <i>Applied Catalysis A: General</i> , 1999, 186, 363-374.	4.3	73
128	Synthesis and characterisation of a conjugated reactive mesogen. <i>Journal of Materials Chemistry</i> , 1999, 9, 2985-2989.	6.7	38
129	Demonstration by ¹³ C NMR Spectroscopy of Regiospecific Carbon-Carbon Coupling during Fischer-Tropsch Probe Reactions. <i>Journal of the American Chemical Society</i> , 1999, 121, 6497-6498.	13.7	26
130	Mechanistic Studies of Methylene Chain Propagation in the Fischer-Tropsch Synthesis. <i>Journal of Catalysis</i> , 1998, 173, 355-365.	6.2	41
131	Thionylphosphazene Monomers and Polymers-The Synthesis of Alternating Copolymers of Phosphazenes and Oxothiazenes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1928-1930.	13.8	29
132	New Explorations in Metal-Catalyzed Reactions. , 1998, , 83-93.		0
133	Vinylic Initiation of the Fischer-Tropsch Reaction over Ruthenium on Silica Catalysts. <i>Journal of Catalysis</i> , 1997, 167, 172-179.	6.2	45
134	Ring-Methyl Activation in Pentamethylcyclopentadienyl Complexes. 5.1 Syntheses and Structures of Tetramethylfulvene Complexes of Ruthenium(II). <i>Organometallics</i> , 1996, 15, 98-104.	2.3	48
135	Carbon Monoxide Hydrogenation: Intermediates Derived from Methylene Probes Offering Dual Polymerization Pathways in Fischer-Tropsch Homologation. <i>Journal of the American Chemical Society</i> , 1996, 118, 10888-10889.	13.7	13
136	Heterogeneous catalysis of C-C bond formation: black art or organometallic science?. <i>Chemical Communications</i> , 1996, , 1-8.	4.1	99
137	First synthesis and X-ray crystal structure of 1,2-(1,1'-ferrocenediyl)ethene. <i>Journal of Organometallic Chemistry</i> , 1996, 524, 263-266.	1.8	25
138	The Alkenyl Mechanism for Fischer-Tropsch Surface Methylene Polymerisation; the Reactions of Vinylic Probes with CO/H ₂ over Rhodium Catalyst. <i>Chemistry - A European Journal</i> , 1995, 1, 549-556.	3.3	74
139	Reactions of [Fe ₂ (CO) ₆ (η^5 -CO)(η^5 -dppm)] with alkynes: Stepwise synthesis of tropone at a dinuclear metal centre. <i>Polyhedron</i> , 1995, 14, 2723-2743.	2.2	24
140	[(C ₅ Me ₅ Rh(η^5 -CH ₂)) ₂ (Me)(η^2 -CH ₂ =CH ₂)]PF ₆ , a rhodium(IV) ethylene complex. <i>Polyhedron</i> , 1995, 14, 2767-2769.	2.2	4
141	Vinyl-plus-vinyl coupling in rhodium complexes: formation of [(C ₅ Me ₅ RhBr(η^3 -syn-1-methylallyl))] by reaction of [(C ₅ Me ₅ RhBr ₂ (Me ₂ SO))] with vinylmagnesium bromide in homogeneous solution. <i>Journal of Organometallic Chemistry</i> , 1995, 488, C11-C12.	1.8	11
142	Ring-Methyl Activation in Pentamethylcyclopentadienyl Complexes. 4. Syntheses, Structures, and Reactions of [(C ₅ Me ₄ CH ₂ Cl)RuCl(CO) ₂] and Related Compounds: X-ray Structures of [(C ₅ Me ₄ CH ₂ Cl)RuCl(CO) ₂] and [(C ₅ Me ₄ CH ₂ OEt)Ru(PPh ₃)(CO) ₂](OTf). <i>Organometallics</i> , 1995, 14, 676-684.	2.3	36
143	The parallel between phenyl-initiated C-C coupling reactions in dirhodium complexes and those catalysed by rhodium particles. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 1089-1091.	2.0	4
144	Reactivity of allene at phosphine-bridged di-iron centres: X-ray crystal structures of [Fe ₂ (CO) ₅ (η^5 -f, η^3 -C(O)C(CH ₂) ₂)(η^5 -dppm)] and [Fe ₂ (CO) ₄ (η^5 -f, η^3 -f, η^2 -(CH ₂) ₂ C ₂ (CH ₂) ₂)(η^5 -dppm)]·Et ₂ O. <i>Journal of Organometallic Chemistry</i> , 1994, 220, 201-214.	2.1	17

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145	Cyclopropane formation during carbon monoxide hydrogenation over rhodium-ceria-silica in the presence of tetravinylsilane as probe. <i>Catalysis Letters</i> , 1994, 26, 55-60.	2.6	9
146	Oxygen-induced methyl carbon-hydrogen activation in pentamethylcyclopentadienylruthenium complexes. <i>Journal of the American Chemical Society</i> , 1994, 116, 385-386.	13.7	54
147	Vinyl initiation of Fischer-Tropsch polymerization over rhodium. <i>Journal of the American Chemical Society</i> , 1993, 115, 4417-4418.	13.7	48
148	Carbon-phosphorus bond cleavage and carbon-carbon bond formation at a di-iron centre: formation of ethyl acrylate via extrusion of methylene from bis(diphenylphosphino)methane. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 145-146.	2.0	13
149	Synthesis of trimethylenemethane by combination of methylene with allene at a diruthenium centre: X-ray structure of $[\text{Ru}_2(\text{CO})(\mu\text{-CO})\{\mu\text{-}1,1,3\text{-CH}_2\text{C}(\text{CH}_2)_2\}(\text{i-C}_5\text{H}_5)_2]$. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 1680-1682.	2.0	21
150	Stepwise synthesis of tropone from ethyne and carbon monoxide at a di-iron centre: crystal structure of $[\text{Fe}_2(\text{CO})_4(\mu\text{-C}_6\text{H}_6\text{CO})(\mu\text{-Ph}_2\text{PCH}_2\text{PPh}_2)]$. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 358-359.	2.0	24