

Michael Lewis Turner

List of Publications by Year in descending order

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papers

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71102

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157
docs citations

157
times ranked

8864
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Nanoparticle-polymer photovoltaic cells. <i>Advances in Colloid and Interface Science</i> , 2008, 138, 1-23.	14.7	425
4	Influence of Missing Values Substitutes on Multivariate Analysis of Metabolomics Data. <i>Metabolites</i> , 2014, 4, 433-452.	2.9	158
5	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
6	An investigation of the conductivity of peptide nanotube networks prepared by enzyme-triggered self-assembly. <i>Nanoscale</i> , 2010, 2, 960.	5.6	139
7	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
8	(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
9	Cyclopentadithiophene based electroactive materials. <i>Journal of Materials Chemistry</i> , 2005, 15, 1123.	6.7	124
10	Synthetic Routes to Solution-Processable Polycyclopentadithiophenes. <i>Macromolecules</i> , 2003, 36, 2705-2711.	4.8	100
11	Heterogeneous catalysis of C-C bond formation: black art or organometallic science?. <i>Chemical Communications</i> , 1996, , 1-8.	4.1	99
12	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
13	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
14	Soluble Poly(p-phenylenevinylene)s through Ring-Opening Metathesis Polymerization. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7797-7800.	13.8	92
15	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
16	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
17	Towards a chemical understanding of the Fischer-Tropsch reaction: alkene formation. <i>Applied Catalysis A: General</i> , 1999, 186, 363-374.	4.3	73
18	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

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19	Solution-processed nanocomposite dielectrics for low voltage operated OFETs. <i>Organic Electronics</i> , 2015, 17, 178-183.	2.6	68
20	High capacitance organic field-effect transistors with modified gate insulator surface. <i>Journal of Applied Physics</i> , 2004, 96, 5781-5787.	2.5	65
21	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
22	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
23	The influence of scaling metabolomics data on model classification accuracy. <i>Metabolomics</i> , 2015, 11, 684-695.	3.0	62
24	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
25	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
26	Properties of a Thermotropic Nematic Liquid Crystal Doped with Graphene Oxide. <i>Advanced Optical Materials</i> , 2016, 4, 1541-1548.	7.3	56
27	Oxygen-induced methyl carbon-hydrogen activation in pentamethylcyclopentadienylruthenium complexes. <i>Journal of the American Chemical Society</i> , 1994, 116, 385-386.	13.7	54
28	MEH-PPV by microwave assisted ring-opening metathesis polymerisation. <i>Chemical Communications</i> , 2009, , 2676.	4.1	53
29	Post-polymerization C-H Borylation of Donor-Acceptor Materials Gives Highly Efficient Solid State Near-Infrared Emitters for Near-IR-OLEDs and Effective Biological Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28243-28249.	8.0	53
30	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
31	Cyanoethyl cellulose-based nanocomposite dielectric for low-voltage, solution-processed organic field-effect transistors (OFETs). <i>Journal Physics D: Applied Physics</i> , 2016, 49, 185102.	2.8	52
32	Vinyl initiation of Fischer-Tropsch polymerization over rhodium. <i>Journal of the American Chemical Society</i> , 1993, 115, 4417-4418.	13.7	48
33	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
34	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
35	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
36	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

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37	Dielectric spectroscopy of isotropic liquids and liquid crystal phases with dispersed graphene oxide. <i>Scientific Reports</i> , 2016, 6, 31885.	3.3	46
38	Vinyl Initiation of the Fischer-Tropsch Reaction over Ruthenium on Silica Catalysts. <i>Journal of Catalysis</i> , 1997, 167, 172-179.	6.2	45
39	Melt-Processing of Conjugated Liquid Crystals: A Simple Route to Fabricate OFETs. <i>Advanced Materials</i> , 2007, 19, 805-809.	21.0	43
40	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
41	A Novel "Double-Coupling" Strategy for Iterative Oligothiophene Synthesis Using Orthogonal Si/Ge Protection. <i>Organic Letters</i> , 2002, 4, 1899-1902.	4.6	42
42	Mechanistic Studies of Methylene Chain Propagation in the Fischer-Tropsch Synthesis. <i>Journal of Catalysis</i> , 1998, 173, 355-365.	6.2	41
43	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
44	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
45	Synthesis and characterisation of a conjugated reactive mesogen. <i>Journal of Materials Chemistry</i> , 1999, 9, 2985-2989.	6.7	38
46	Thienyl MIDA Boronate Esters as Highly Effective Monomers for Suzuki-Miyaura Polymerization Reactions. <i>Macromolecules</i> , 2015, 48, 979-986.	4.8	38
47	Ring-Methyl Activation in Pentamethylcyclopentadienyl Complexes. 4. Syntheses, Structures, and Reactions of [(C5Me4CH2Cl)RuCl(CO)2] and Related Compounds: X-ray Structures of [(C5Me4CH2Cl)RuCl(CO)2] and [(C5Me4CH2OEt)Ru(PPh3)(CO)2](OTf). <i>Organometallics</i> , 1995, 14, 676-684.	2.3	36
48	New routes to poly(4,4-dialkylcyclopentadithiophene-2,6-diyl)s 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
49	Phenylenevinylene Block Copolymers via Ring-Opening Metathesis Polymerization. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1889-1892.	3.9	36
50	Highly Emissive Far Red/Near-IR Fluorophores Based on Borylated Fluorene-Benzothiadiazole Donor-Acceptor Materials. <i>Chemistry - A European Journal</i> , 2016, 22, 12439-12448.	3.3	36
51	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
52	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
53	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
54	Alkyl substituted [2.2]paracyclophane-1,9-dienes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6079-6087.	2.8	30

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55	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
56	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
57	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
58	Non-lithographic fabrication of PEDOT nano-wires between fixed Au electrodes. <i>Organic Electronics</i> , 2006, 7, 181-187.	2.6	28
59	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
60	Monotelechelic poly(<i>p</i> -phenylenevinylene)s by ring opening metathesis polymerisation. <i>Chemical Communications</i> , 2014, 50, 11867-11870.	4.1	28
61	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
62	Stabilization of the liquid crystalline blue phase by the addition of short-chain polystyrene. <i>Soft Matter</i> , 2013, 9, 4789.	2.7	27
63	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
64	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
65	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
66	Synthesis of Polytriarylamine via Microwave-Assisted Palladium-Catalysed Amination. <i>Macromolecular Rapid Communications</i> , 2007, 28, 449-455.	3.9	25
67	Phase Tag-Assisted Synthesis of Benzo[<i>b</i>]carbazole End-Capped Oligothiophenes. <i>Organic Letters</i> , 2012, 14, 5744-5747.	4.6	25
68	A General Protocol for the Polycondensation of Thienyl <i>N</i> -Methyliminodiacetic Acid Boronate Esters To Form High Molecular Weight Copolymers. <i>Journal of the American Chemical Society</i> , 2016, 138, 13361-13368.	13.7	25
69	Borylated Arylamine—Benzothiadiazole Donor—Acceptor Materials as Low-LUMO, Low-Band-Gap Chromophores. <i>Organometallics</i> , 2017, 36, 2597-2604.	2.3	25
70	Stepwise synthesis of tropone from ethyne and carbon monoxide at a di-iron centre: crystal structure of [Fe ₂ (CO) ₄ (μ -C ₆ H ₆ CO)(μ -Ph ₂ PCH ₂ PPh ₂)]. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 358-359.	2.0	24
71	Reactions of [Fe ₂ (CO) ₆ ($\frac{1}{4}$ -CO)($\frac{1}{4}$ -dppm)] with alkynes: Stepwise synthesis of tropone at a dinuclear metal centre. <i>Polyhedron</i> , 1995, 14, 2723-2743.	2.2	24
72	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

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73	[(1,3-Bis{2,6-bis(diphenylmethyl)-4-methylphenyl}imidazole-2-ylidene)PdCl ₂ (NEt ₃)]-â€œThrowing Awayâ€œ 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
74	Alkyl substituted poly(<i>p</i> -phenylene vinylene)s by ring opening metathesis polymerisation. <i>Polymer Chemistry</i> , 2016, 7, 5544-5551.	3.9	23
75	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
76	Synthesis of trimethylenemethane by combination of methylene with allene at a diruthenium centre: X-ray structure of [Ru ₂ (CO)(μ -CO){ μ -1,1,3-CH ₂ C(CH ₂) ₂ }(i-C ₅ H ₅) ₂]. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 1680-1682.	2.0	21
77	Oxidatively induced M-C bond cleavage reactions of Cp*Ir(Me ₂ SO)Me ₂ and Cp*Rh(Me ₂ SO)Me ₂ (Cp*) <i>J. ETQq1_1.0.784314 rgBT / Overlock 1</i>	2.3	21
78	Organic field effect transistors from ambient solution processed poly(triarylamine)-insulator blends. <i>Journal of Materials Chemistry</i> , 2009, 19, 6750.	6.7	21
79	A simple method for controllable solution doping of complete polymer field-effect transistors. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	21
80	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
81	Room temperature, solventless telomerization of isoprene with alcohols using (N-heterocyclic) <i>J. ETQq1_1.0.784314 rgBT / Overlock 1</i>	4.1	20
82	Au-poly(3-hexylthiophene) contact behaviour at high resolution. <i>Synthetic Metals</i> , 2004, 145, 217-220.	3.9	19
83	Trichlorosilanes as Anchoring Groups for Phenylene-Thiophene Molecular Monolayer Field Effect Transistors. <i>Advanced Functional Materials</i> , 2014, 24, 6677-6683.	14.9	19
84	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
85	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
86	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
87	Reactivity of allene at phosphine-bridged di-iron centres: X-ray crystal structures of [Fe ₂ (CO) ₅ { μ -1,3-C(O)C(CH ₂) ₂ }(i ^{1/4} -dppm)] and [Fe ₂ (CO) ₄ { μ -1,3-3a ² -(CH ₂) ₂ C ₂ (CH ₂) ₂ }(i ^{1/4} -dppm)] \cdot Et ₂ O <i>J. Inorganic Chimica Acta</i> , 1994, 220, 201-214.	2.4	17
88	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
89	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
90	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

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91	Effect of poly(triarylamine) molar mass distribution on organic field effect transistor behaviour. <i>Organic Electronics</i> , 2010, 11, 686-691.	2.6	16
92	Recent Advances in Polythiophene Synthesis by Palladium-Catalyzed Cross-Coupling Reactions. <i>Current Organic Chemistry</i> , 2011, 15, 3263-3290.	1.6	16
93	Scalable synthesis of multicolour conjugated polymer nanoparticles via Suzuki-Miyaura polymerisation in a miniemulsion and application in bioimaging. <i>Reactive and Functional Polymers</i> , 2016, 107, 69-77.	4.1	16
94	Organic Semiconductors Processed from Synthesis to Device in Water. <i>Advanced Science</i> , 2020, 7, 2002010.	11.2	16
95	Synthesis and solid-state structure of $[(\eta^2\text{-}5\text{-C}_5\text{Me}_4\text{CH}_2\text{CH}_2\text{CH}(\dots)\text{CH}_2)\text{Ru}(\eta^3\text{-C}_3\text{H}_5)]$. <i>Journal of Organometallic Chemistry</i> , 2003, 674, 45-49.	1.8	15
96	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
97	Investigation of solution processed poly(4,4-dioctylcyclopentadithiophene) thin films as transparent conductors. <i>Synthetic Metals</i> , 2004, 143, 203-206.	3.9	14
98	Amine Detection Using Organic Field Effect Transistor Gas Sensors. <i>Sensors</i> , 2021, 21, 13.	3.8	14
99	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
100	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
101	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
102	$\eta^5\text{-C}_5\text{H}_5\text{-Pd}$ 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
103	Hybrid inorganic-organic composite nanoparticles from crosslinkable polyfluorenes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3297.	5.5	13
104	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
105	Mechanistic investigation of the ring opening metathesis polymerisation of alkoxy and alkyl substituted paracyclophanedienes. <i>Polymer Chemistry</i> , 2017, 8, 3186-3194.	3.9	13
106	Targeted η^2 -Phase Formation in Poly(fluorene)-Ureasil Grafted Organic-Inorganic Hybrids. <i>Macromolecules</i> , 2017, 50, 4235-4243.	4.8	13
107	Mid-IR spectroscopy for rapid on-line analysis in heterogeneous catalyst testing. <i>Catalysis Today</i> , 2003, 81, 309-317.	4.4	12
108	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

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109	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
110	Vinyl-plus-vinyl coupling in rhodium complexes: formation of [(C5Me5)RhBr(<i>l</i> -3-syn-1-methylallyl)] by reaction of [(C5Me5)RhBr2(Me2SO)] with vinylmagnesium bromide in homogeneous solution. <i>Journal of Organometallic Chemistry</i> , 1995, 488, C11-C12.	1.8	11
111	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
112	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
113	Fluorescent nanoparticles from PEGylated polyfluorenes. <i>Polymer Chemistry</i> , 2013, 4, 1333.	3.9	10
114	(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
115	Understanding the Microstructure of Poly(<i>p</i> -phenylenevinylene)s Prepared by Ring-Opening Metathesis Polymerization Using ¹³ C-Labeled Paracyclophanediene Monomers. <i>Macromolecules</i> , 2018, 51, 4572-4577.	4.8	10
116	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
117	Bidirectional ROMP of paracyclophane-1,9-dienes to tri- and penta-block <i>p</i> -phenylenevinylene copolymers. <i>Polymer Chemistry</i> , 2019, 10, 3497-3502.	3.9	10
118	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
119	23 Inorganic and organometallic polymers. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2001, 97, 443-459.	0.8	9
120	Rapid synthesis and fluoros-phase purification of <i>l</i> -perfluorohexyloligothiophenes. <i>Tetrahedron Letters</i> , 2007, 48, 1045-1047.	1.4	8
121	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
122	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
123	Polysiloxane-Modified Mesoporous Materials. <i>Journal of Sol-Gel Science and Technology</i> , 2000, 19, 807-810.	2.4	7
124	23 Inorganic and organometallic polymers. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2000, 96, 491-503.	0.8	7
125	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
126	Use of N-methyliminodiacetic acid boronate esters in suzuki-miyaura cross-coupling polymerizations of triarylamine and fluorene monomers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2798-2806.	2.3	6

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127	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
128	Solution and solid state properties of 3,3'-diiodododecylquaterthiophene and benzodithiophene copolymers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 4092-4098.	0.8	5
129	Structural Analysis of Linear PEEK via MALDI-TOF Mass Spectrometry. <i>Macromolecules</i> , 2011, 44, 9054-9056.	4.8	5
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