

Uwe H F Bunz

List of Publications by Year in descending order

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429
papers

26,081
citations

6606

79
h-index

8618

146
g-index

455
all docs

455
docs citations

455
times ranked

18969
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly(aryleneethynylene)s: Syntheses, Properties, Structures, and Applications. <i>Chemical Reviews</i> , 2000, 100, 1605-1644.	23.0	1,649
2	DNA modification mechanisms and gene activity during development. <i>Science</i> , 1975, 187, 226-232.	6.0	1,575
3	Detection and identification of proteins using nanoparticle-fluorescent polymer chemical nose sensors. <i>Nature Nanotechnology</i> , 2007, 2, 318-323.	15.6	724
4	Preferential End-to-End Assembly of Gold Nanorods by Biotin-Streptavidin Connectors. <i>Journal of the American Chemical Society</i> , 2003, 125, 13914-13915.	6.6	643
5	Sensing of proteins in human serum using conjugates of nanoparticles and green fluorescent protein. <i>Nature Chemistry</i> , 2009, 1, 461-465.	6.6	447
6	Large N-Heteroacenes: New Tricks for Very Old Dogs?. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3810-3821.	7.2	437
7	The Larger Linear N-Heteroacenes. <i>Accounts of Chemical Research</i> , 2015, 48, 1676-1686.	7.6	431
8	Polyethynylated cyclic π -systems: scaffoldings for novel two and three-dimensional carbon networks. <i>Chemical Society Reviews</i> , 1999, 28, 107-119.	18.7	394
9	Rapid and Efficient Identification of Bacteria Using Gold-Nanoparticle-Poly(phenyleneethynylene) Constructs. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2590-2594.	7.2	368
10	Steps To Demarcate the Effects of Chromophore Aggregation and Planarization in Poly(phenyleneethynylene)s. 1. Rotationally Interrupted Conjugation in the Excited States of 1,4-Bis(phenylethynyl)benzene. <i>Journal of the American Chemical Society</i> , 2001, 123, 4259-4265.	6.6	335
11	Modulating the Sensory Response of a Conjugated Polymer by Proteins: An Agglutination Assay for Mercury Ions in Water. <i>Journal of the American Chemical Society</i> , 2006, 128, 2818-2819.	6.6	330
12	Gold Nanoparticle-Fluorophore Complexes: Sensitive and Discerning "Noses" for Biosystems Sensing. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3268-3279.	7.2	318
13	Colorimetric Bacteria Sensing Using a Supramolecular Enzyme-Nanoparticle Biosensor. <i>Journal of the American Chemical Society</i> , 2011, 133, 9650-9653.	6.6	317
14	Detection and differentiation of normal, cancerous, and metastatic cells using nanoparticle-polymer sensor arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10912-10916.	3.3	285
15	Evidence of Aggregate Formation for 2,5-Dialkylpoly(p-phenyleneethynylenes) in Solution and Thin Films. <i>Macromolecules</i> , 1998, 31, 8655-8659.	2.2	283
16	Poly(p-phenyleneethynylene)s by Alkyne Metathesis. <i>Accounts of Chemical Research</i> , 2001, 34, 998-1010.	7.6	281
17	Cross-Conjugated Cruciform Fluorophores. <i>Accounts of Chemical Research</i> , 2010, 43, 397-408.	7.6	277
18	Array-Based Sensing of Proteins Using Conjugated Polymers. <i>Journal of the American Chemical Society</i> , 2007, 129, 9856-9857.	6.6	258

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19	Nâ€Heteroacenes. Chemistry - A European Journal, 2009, 15, 6780-6789.	1.7	239
20	Two Luminescent Coordination Polymers with a Triple-Helix Structure:â€% HgX ₂ (C ₃ H ₂ N ₂) ₂ CH ₂ Cl ₂ (X = Cl) Tj FTQq0 0 0,rgBT /Ove	5.2	254
21	Aggregation and Interaction of Cationic Nanoparticles on Bacterial Surfaces. Journal of the American Chemical Society, 2012, 134, 6920-6923.	6.6	221
22	Noninterpenetrating Square-Grid Coordination Polymers With Dimensions of 25Å—25 Å...2 Prepared by UsingN,Nâ€ ² -Type Ligands: The First Chiral Square-Grid Coordination Polymer. Angewandte Chemie - International Edition, 2002, 41, 583-585.	7.2	208
23	Sensing of Lead Ions by a Carboxylate-Substituted PPE:Â Multivalency Effects. Macromolecules, 2005, 38, 4560-4562.	2.2	204
24	Sugar-Poly(para-phenylene ethynylene) Conjugates as Sensory Materials: Efficient Quenching by Hg ²⁺ and Pb ²⁺ Ions. Chemistry - A European Journal, 2004, 10, 6247-6254.	1.7	198
25	Switching of Intramolecular Charge Transfer in Cruciforms:Â Metal Ion Sensing. Journal of the American Chemical Society, 2005, 127, 4124-4125.	6.6	198
26	Poly(aryleneethynylene)s. Macromolecular Rapid Communications, 2009, 30, 772-805.	2.0	198
27	Enzyme-Amplified Array Sensing of Proteins in Solution and in Biofluids. Journal of the American Chemical Society, 2010, 132, 5285-5289.	6.6	198
28	Interplay of Thermochromicity and Liquid Crystalline Behavior in Poly(p-phenyleneethynylene)s:Â ï€â~ï€ Interactions or Planarization of the Conjugated Backbone?. Macromolecules, 2000, 33, 652-654.	2.2	195
29	Î±â€Oligofurans: Molecules without a Twist. Angewandte Chemie - International Edition, 2010, 49, 5037-5040.	7.2	195
30	6,13â€Diethynylâ€5,7,12,14â€tetraazapentacene. Chemistry - A European Journal, 2009, 15, 4990-4993.	1.7	191
31	Effects of electronegative substitution on the optical and electronic properties of acenes and diazaacenes. Nature Communications, 2010, 1, 91.	5.8	187
32	Organometallicâ€Carbon Chainsâ€: They Just Keep Getting Longer!. Angewandte Chemie International Edition in English, 1996, 35, 969-971.	4.4	178
33	Polymers with Complexed Cyclobutadiene Units in the Main Chain: The First Example of a Thermotropic, Liquid Crystalline Organometallic Polymer. Angewandte Chemie International Edition in English, 1995, 34, 569-571.	4.4	174
34	Cruciforms as Functional Fluorophores:Â Response to Protons and Selected Metal Ions. Journal of the American Chemical Society, 2006, 128, 11872-11881.	6.6	170
35	Excited-State Dynamics of Oligo(p-phenyleneethynylene):Â Quadratic Coupling and Torsional Motions. Journal of the American Chemical Society, 2001, 123, 6447-6448.	6.6	167
36	Are <i>N</i>,<i>N</i>-Dihydrodiazatetracene Derivatives Antiaromatic?. Journal of the American Chemical Society, 2008, 130, 7339-7344.	6.6	158

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37	Stable Hexacenes through Nitrogen Substitution. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8588-8591.	7.2	157
38	The larger N-heteroacenes. <i>Pure and Applied Chemistry</i> , 2010, 82, 953-968.	0.9	154
39	<i>N</i>-Heteroacenes and <i>N</i>-Heteroarenes as <i>N</i>-Nanocarbon Segments. <i>Accounts of Chemical Research</i> , 2019, 52, 1575-1587.	7.6	149
40	Chiroptical Properties of Poly(p-phenyleneethynylene) Copolymers in Thin Films: Large Values. <i>Journal of the American Chemical Society</i> , 2002, 124, 6830-6831.	6.6	148
41	Array-Based Sensing of Normal, Cancerous, and Metastatic Cells Using Conjugated Fluorescent Polymers. <i>Journal of the American Chemical Society</i> , 2010, 132, 1018-1022.	6.6	145
42	Nonspecific Interactions of a Carboxylate-Substituted PPE with Proteins. A Cautionary Tale for Biosensor Applications. <i>Langmuir</i> , 2005, 21, 7985-7989.	1.6	140
43	Alkyne Metathesis with Simple Catalyst Systems: Poly(p-phenyleneethynylene)s. <i>Journal of the American Chemical Society</i> , 1998, 120, 7973-7974.	6.6	137
44	Permanent Bubble Arrays from a Cross-Linked Poly(para-phenyleneethynylene): Picoliter Holes without Microfabrication. <i>Journal of the American Chemical Society</i> , 2004, 126, 3678-3679.	6.6	132
45	A Polymer/Peptide Complex-Based Sensor Array That Discriminates Bacteria in Urine. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15246-15251.	7.2	130
46	An Efficient Synthesis of Tetraazapentacenes. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3557-3560.	7.2	128
47	Alkyne Metathesis with Simple Catalyst Systems: Efficient Synthesis of Conjugated Polymers Containing Vinyl Groups in Main or Side Chain. <i>Journal of the American Chemical Society</i> , 2000, 122, 12435-12440.	6.6	127
48	Surfactochromic Conjugated Polymers: Surfactant Effects on Sugar-Substituted PPEs. <i>Macromolecules</i> , 2003, 36, 7409-7412.	2.2	127
49	para-Connected Cyclophenylenes and Hemispherical Polyarenes: Building Blocks for Single-Walled Carbon Nanotubes?. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7094-7101.	7.2	127
50	Syntheses and Characterizations of One-Dimensional Coordination Polymers Generated from Cadmium Nitrate and Bipyridine Ligands. <i>Inorganic Chemistry</i> , 1999, 38, 3056-3060.	1.9	126
51	Molecular Recognition Based on Low-Affinity Polyvalent Interactions: Selective Binding of a Carboxylated Polymer to Fibronectin Fibrils of Live Fibroblast Cells. <i>Journal of the American Chemical Society</i> , 2008, 130, 7851-7853.	6.6	126
52	Coronene-Containing N-Heteroarenes: 13 Rings in a Row. <i>Journal of the American Chemical Society</i> , 2016, 138, 1792-1795.	6.6	123
53	Ratiometric Array of Conjugated Polymers: Fluorescent Protein Provides a Robust Mammalian Cell Sensor. <i>Journal of the American Chemical Society</i> , 2016, 138, 4522-4529.	6.6	122
54	Immobilization Strategies for Organic Semiconducting Conjugated Polymers. <i>Chemical Reviews</i> , 2018, 118, 5598-5689.	23.0	119

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55	Synthesis and Structure of PAEs. <i>Advances in Polymer Science</i> , 0, , 1-52.	0.4	118
56	Phenothiazine Cruciforms: Synthesis and Metallochromic Properties. <i>Journal of Organic Chemistry</i> , 2007, 72, 6714-6725.	1.7	117
57	Solid-State Structures of Phenyleneethynyls: Comparison of Monomers and Polymers. <i>Chemistry of Materials</i> , 1999, 11, 1416-1424.	3.2	113
58	New Crystalline Frameworks Formed from 1,2-Bis(4-pyridyl)ethyne and Co(NO ₃) ₂ : Interpenetrating Molecular Ladders and an Unexpected Molecular Parquet Pattern from T-Shaped Building Blocks. <i>Chemistry of Materials</i> , 1999, 11, 1413-1415.	3.2	105
59	High Molecular Weight Poly(<i>p</i> -phenyleneethynylene)s by Alkyne Metathesis Utilizing Instant Catalysts: A Synthetic Study. <i>Macromolecules</i> , 1999, 32, 4194-4203.	2.2	103
60	Poly(fluorenyleneethynylene)s by Alkyne Metathesis: Optical Properties and Aggregation Behavior. <i>Macromolecules</i> , 2000, 33, 3961-3963.	2.2	103
61	Use of a Folate~PPE Conjugate To Image Cancer Cells in Vitro. <i>Bioconjugate Chemistry</i> , 2007, 18, 815-820.	1.8	103
62	Cell surface-based differentiation of cell types and cancer states using a gold nanoparticle-GFP based sensing array. <i>Chemical Science</i> , 2010, 1, 134.	3.7	103
63	Click Chemistry as a Powerful Tool for the Construction of Functional Poly(<i>p</i> -phenyleneethynylene)s: A Comparison of Pre- and Postfunctionalization Schemes. <i>Macromolecules</i> , 2005, 38, 5868-5877.	2.2	102
64	Fluorescence Self-Quenching of a Mannosylated Poly(<i>p</i> -phenyleneethynylene) Induced by Concanavalin A. <i>Journal of the American Chemical Society</i> , 2008, 130, 6952-6954.	6.6	101
65	Star-Shaped Tricarbonyl(cyclobutadiene)iron and Cymantrene Complexes: Building Blocks for Carbon Nets and Organometallic Construction Sets?. <i>Organometallics</i> , 1994, 13, 3823-3833.	1.1	100
66	1,3-Dipolar Cycloaddition for the Generation of Nanostructured Semiconductors by Heated Probe Tips. <i>Macromolecules</i> , 2006, 39, 6793-6795.	2.2	98
67	Alkyne Metathesis as a New Synthetic Tool: Ring-Closing, Ring-Opening, and Acyclic. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 478-481.	7.2	96
68	Polyynes-Fascinating Monomers for the Construction of Carbon Networks?**. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1073-1076.	4.4	94
69	Reduced Fluorescence Quenching of Cyclodextrin~Acetylene Dye Rotaxanes. <i>Journal of the American Chemical Society</i> , 2006, 128, 7714-7715.	6.6	94
70	A Persistent Diazaheptacene Derivative. <i>Journal of the American Chemical Society</i> , 2014, 136, 15166-15169.	6.6	93
71	Poly(aryleneethynylene)s (PAE) as paradigmatic sensor cores. <i>Chemical Society Reviews</i> , 2015, 44, 4322-4336.	18.7	93
72	Synthesis and optical properties of some novel arylene-alkynylene polymers. <i>Macromolecular Rapid Communications</i> , 1995, 16, 571-580.	2.0	92

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73	Mannose-substituted PPEs detect lectins: A model for Ricin sensing. <i>Chemical Communications</i> , 2005, , 1273.	2.2	92
74	Synthesis and Explosive Decomposition of Organometallic Dehydro[18]annulenes: An Access to Carbon Nanostructures. <i>Journal of the American Chemical Society</i> , 2002, 124, 13814-13818.	6.6	90
75	Acyclic Diyne Metathesis (ADIMET), an Efficient Route to Poly(phenylene)ethynylenes (PPEs) and Nonconjugated Polyalkynylenes of High Molecular Weight. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 506-509.	4.4	89
76	Aggregation and chiroptical behavior of a high molecular weight chirally substituted dialkylpoly(p-phenyleneethynylene). <i>Macromolecular Rapid Communications</i> , 1999, 20, 107-111.	2.0	88
77	Acceleration of Singlet Fission in an Aza-Derivative of TIPS-Pentacene. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2425-2430.	2.1	86
78	Oligonucleotide-Directed Assembly of Materials: Defined Oligomers. <i>Journal of the American Chemical Society</i> , 2001, 123, 1828-1833.	6.6	84
79	Hydroxycruciforms: Amine-Responsive Fluorophores. <i>Chemistry - A European Journal</i> , 2008, 14, 4503-4510.	1.7	82
80	Regiochemistry of the bisosmylation of fullerene C60: ortho, meta, and para in three dimensions. <i>Journal of the American Chemical Society</i> , 1992, 114, 7954-7955.	6.6	81
81	Identification of White Wines by using Two Oppositely Charged Poly(p-phenyleneethynylene)s Individually and in Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7689-7692.	7.2	81
82	Development of Thermally Activated Delayed Fluorescence Materials with Shortened Emissive Lifetimes. <i>Journal of Organic Chemistry</i> , 2015, 80, 9126-9131.	1.7	80
83	The Palladium Way to N-Heteroacenes. <i>Chemistry - A European Journal</i> , 2016, 22, 4680-4689.	1.7	80
84	Quinoline-Containing, Conjugated Poly(aryleneethynylene)s: Novel Metal and H ⁺ -Responsive Materials. <i>Macromolecules</i> , 2002, 35, 1563-1568.	2.2	79
85	Band Gap Engineering of Poly(p-phenyleneethynylene)s: Cross-Conjugated PPE~PPV Hybrids. <i>Macromolecules</i> , 2002, 35, 8681-8683.	2.2	77
86	4n π Electrons but Stable: N,N-Dihydrodiazapentacenes. <i>Journal of Organic Chemistry</i> , 2009, 74, 4343-4349.	1.7	75
87	Twisted Tethered Tolanes: Unanticipated Long-Lived Phosphorescence at 77 K. <i>Journal of the American Chemical Society</i> , 2013, 135, 2160-2163.	6.6	75
88	Blue Solid-State Photoluminescence and Electroluminescence from Novel Poly(para-phenyleneethynylene) Copolymers. <i>Chemistry of Materials</i> , 2001, 13, 2691-2696.	3.2	73
89	Terpyridine-Based Cruciform Zn ²⁺ Complexes as Anion-Responsive Fluorophores. <i>Organic Letters</i> , 2007, 9, 4519-4522.	2.4	73
90	Alkynylated Aceno[2,1,3]thiadiazoles. <i>Organic Letters</i> , 2009, 11, 5222-5225.	2.4	73

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91	Unusual stabilization of larger acenes and heteroacenes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14011-14034.	2.7	72
92	Concerning the Synthesis of [1.1.1]Propellane. <i>Chemische Berichte</i> , 1989, 122, 397-398.	0.2	70
93	Synthesis of novel polymers containing cyclobutadiene thiophene and alkyne units: polymeric organometallic mesogens. <i>Advanced Materials</i> , 1995, 7, 726-728.	11.1	70
94	Cruciform π -systems: effect of aggregation on emission. <i>Chemical Communications</i> , 2004, , 1700-1701.	2.2	70
95	Discrimination of Organic Acids Using a Three Molecule Array Based upon Cruciform Fluorophores. <i>Journal of the American Chemical Society</i> , 2011, 133, 7716-7718.	6.6	70
96	Structure Elucidation, Packing, and Solid-State Behavior of the Eglinton-Galbraith Dimer. <i>Chemistry - A European Journal</i> , 1999, 5, 263-266.	1.7	69
97	Truxene-Based Hyperbranched Conjugated Polymers: Fluorescent Micelles Detect Explosives in Water. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3068-3074.	4.0	69
98	Sulfone-Based Deep Blue Thermally Activated Delayed Fluorescence Emitters: Solution-Processed Organic Light-Emitting Diodes with High Efficiency and Brightness. <i>Chemistry of Materials</i> , 2017, 29, 9154-9161.	3.2	69
99	N-Fused quinoxalines and benzoquinoxalines as attractive emitters for organic light emitting diodes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5718.	2.7	68
100	Synthesis and Characterization of a 2,1,3-Benzothiadiazole-b-alkyne-b-1,4- bis(2-ethylhexyloxy)benzene Terpolymer, a Stable Low-Band-Gap Poly(heteroaryleneethynylene). <i>Macromolecules</i> , 2001, 34, 7592-7594.	2.2	65
101	Unveiling Singlet Fission Mediating States in TIPS-pentacene and its Aza Derivatives. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6602-6610.	1.1	65
102	Sugar-Substituted Poly(<i>p</i> -phenyleneethynylene)s: Sensitivity Enhancement toward Lectins and Bacteria. <i>Macromolecules</i> , 2008, 41, 7316-7320.	2.2	64
103	Water-Soluble Cruciforms: Response to Protons and Selected Metal Ions. <i>Journal of the American Chemical Society</i> , 2008, 130, 6498-6506.	6.6	61
104	Photoresponsivity of polymer thin-film transistors based on polyphenyleneethynylene derivative with improved hole injection. <i>Applied Physics Letters</i> , 2004, 85, 4219-4221.	1.5	60
105	Synthesis and Structural Characterization of Novel Organometallic Dehydroannulenes with Fused CpCo-Cyclobutadiene and Ferrocene Units Including a Cyclic Fullerene Segment. <i>Journal of the American Chemical Society</i> , 1999, 121, 10719-10726.	6.6	59
106	Photophysics of Poly[p-(2,5-didodecylphenylene)ethynylene] in Thin Films. <i>Macromolecules</i> , 2005, 38, 5892-5896.	2.2	59
107	Tricarbonyl[η^5 -(1-5)-pentakis(propyn-1-yl)cyclopentadienyl]manganese. <i>Organometallics</i> , 1993, 12, 4745-4747.	1.1	58
108	Synthesis and Optical Properties of Diaza- and Tetraazatetracenes. <i>Chemistry - A European Journal</i> , 2012, 18, 4627-4633.	1.7	58

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109	Porous Polymers Based on Aryleneethynylene Building Blocks. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1466-1496.	2.0	58
110	Increased Activity of in Situ Catalysts for Alkyne Metathesis. <i>Organic Letters</i> , 2002, 4, 2829-2831.	2.4	57
111	Templated Ceramic Microstructures by Using the Breath-Figure Method. <i>Chemistry - A European Journal</i> , 2005, 11, 995-1000.	1.7	57
112	Preparation, Properties, and Structures of the Radical Anions and Dianions of Azapentacenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 15968-15976.	6.6	57
113	ortho- and meta-(Diethynylcyclopentadienyl)tricarbonylmanganese: Building Blocks toward the Construction of Metal Fragment Supported Fullerenynes?. <i>Organometallics</i> , 1995, 14, 2490-2495.	1.1	54
114	Alkyne-Bridged Carbazole Polymers by Alkyne Metathesis. <i>Macromolecules</i> , 2002, 35, 5317-5319.	2.2	54
115	Unsymmetrical Cruciforms. <i>Journal of Organic Chemistry</i> , 2010, 75, 523-534.	1.7	54
116	Brückenkopf-gekoppelte Bicyclo[1.1.1]pentane: Synthese und Struktur. <i>Chemische Berichte</i> , 1988, 121, 1785-1790.	0.2	53
117	Poly(p-phenyleneethynylene)s Are Thermotropic Liquid Crystalline. <i>Macromolecules</i> , 1999, 32, 4460-4463.	2.2	53
118	Conformational and Electronic Engineering of Twisted Diphenylacetylenes. <i>Organic Letters</i> , 2003, 5, 3951-3954.	2.4	53
119	Carboxylate Group Side-Chain Density Modulates the pH-Dependent Optical Properties of PPEs. <i>Macromolecules</i> , 2007, 40, 5290-5293.	2.2	53
120	Fluorescence quenching of a poly(para-phenylene ethynylene)s by C60 fullerenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 249, 41-46.	2.0	53
121	An Optimized Sensor Array Identifies All Natural Amino Acids. <i>ACS Sensors</i> , 2018, 3, 1562-1568.	4.0	51
122	Nanoconjugate Fluorescence Probe for the Discrimination of Phosphate and Pyrophosphate. <i>Chemistry - A European Journal</i> , 2009, 15, 449-456.	1.7	48
123	Recognition of glycosaminoglycan chemical patterns using an unbiased sensor array. <i>Chemical Science</i> , 2013, 4, 2076.	3.7	48
124	Electron-transporting phenazinothiadiazoles with engineered microstructure. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9609-9612.	2.7	47
125	The First Complex with a Tetraethynylcyclobutadiene Ligand. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 1653-1655.	4.4	46
126	Ring-closing alkyne metathesis with simple catalyst systems: an access to molecular triangles and rhomboids. <i>Chemical Communications</i> , 2000, , 87-88.	2.2	46

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127	Synthesis and Mesoscopic Order of a Sugar-Coated Poly(p-phenyleneethynylene). <i>Macromolecules</i> , 2002, 35, 7863-7864.	2.2	46
128	Pd-Catalyzed Coupling of Non-Activated Dibromoarenes to 2,3-Diaminoarenes: Formation of N,N' -Dihydropyrazines. <i>Chemistry - A European Journal</i> , 2013, 19, 15089-15092.	1.7	45
129	Quinoxaline-Based Poly(aryleneethynylene)s. <i>Macromolecules</i> , 2003, 36, 546-548.	2.2	44
130	Gold nanoparticle-PPE constructs as biomolecular material mimics: understanding the electrostatic and hydrophobic interactions. <i>Soft Matter</i> , 2009, 5, 607-612.	1.2	44
131	The effect of tuning the microstructure of TIPS-tetraazapentacene on the performance of solution processed thin film transistors. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1194-1200.	2.7	44
132	Crystal Structure and Electron-Density Distribution of Two [1.1.1] Propellane Derivatives at 81 K. <i>Helvetica Chimica Acta</i> , 1988, 71, 2100-2110.	1.0	42
133	From Molecules to Supramolecular Structure: Self Assembling of Wirelike Poly(p-phenyleneethynylene)s. <i>Macromolecules</i> , 2001, 34, 151-155.	2.2	42
134	Alkene Metathesis – A Tool for the Synthesis of Conjugated Polymers. <i>Macromolecular Rapid Communications</i> , 2012, 33, 886-910.	2.0	42
135	Aldehyde-Appended Distyrylbenzenes: Amine Recognition in Water. <i>Chemistry - A European Journal</i> , 2012, 18, 8921-8924.	1.7	42
136	Bromination Improves the Electron Mobility of Tetraazapentacene. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9543-9547.	7.2	42
137	Novel liquid-crystalline PPE-naphthalene copolymers displaying blue solid-state fluorescence. <i>Chemical Communications</i> , 2000, , 85-86.	2.2	41
138	Fluorenone-Containing Poly(p-phenyleneethynylene)s (PPE) and Poly(fluorenyleneethynylene)s (PFE): Tuning the Solid-State Emission of Alkyne-Bridged Polymers by Interchain Energy Transfer. <i>Macromolecules</i> , 2001, 34, 8590-8592.	2.2	41
139	Organometallic Dendrimers Based on (Tetraphenylcyclobutadiene)cyclopentadienylcobalt Modules. <i>Journal of the American Chemical Society</i> , 2002, 124, 8661-8666.	6.6	41
140	Rod vs Coil: A Molecular Weight Comparison of a Poly(dialkyl-p-phenyleneethynylene) with Its Reduced Poly(2,5-dialkyl-p-xylylene). <i>Macromolecules</i> , 2003, 36, 1424-1425.	2.2	41
141	Jacketed Poly(p-phenyleneethynylene)s: Nonaggregating Conjugated Polymers as Blue-Emitting Rods. <i>Macromolecules</i> , 2004, 37, 8212-8221.	2.2	41
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