

# Uwe H F Bunz

## 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.

428  
papers

23,020  
citations

76  
h-index

139  
g-index

455  
ext. papers

24,472  
ext. citations

7.7  
avg, IF

7.4  
L-index

#	Paper	IF	Citations
428	Structure Set in Stone: Designing Rigid Linkers to Control the Efficiency of Intramolecular Singlet Fission. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 13235-13245	3.4	0
427	Cyclodimers and Cyclotrimers of 2,3 -Bisalkynylated Anthracenes, Phenazines and Diazatetracenes. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 16320-16324	4.8	0
426	Influence of Core Halogenation on the Electronic Structure of Naphthothiadiazole Derivatives. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 6359-6366	3.8	1
425	Singlet exciton fission in a modified acene with improved stability and high photoluminescence yield. <i>Nature Communications</i> , <b>2021</b> , 12, 1527	17.4	10
424	Innentitelbild: (Aza)Pentacenes Clipped into a Ring: Stabilization of Large (Aza)Acenes (Angew. Chem. 17/2021). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 9230-9230	3.6	
423	Dimeric Phenazinothiadiazole Acceptors in Bulk Heterojunction Solar Cells. <i>Organic Materials</i> , <b>2021</b> , 03, 168-173	1.9	1
422	TIPS-Ethynylated Naphthodiquinoline and Naphthodiacridine: Novel Diazabisacenes. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 10569-10573	4.8	2
421	SMAC/Diablo controls proliferation of cancer cells by regulating phosphatidylethanolamine synthesis. <i>Molecular Oncology</i> , <b>2021</b> , 15, 3037-3061	7.9	0
420	Chromatic Conductive Polymer Nanocomposites of Poly (p-Phenylene Ethynylene)s and Single-Walled Carbon Nanotubes. <i>Journal of Composites Science</i> , <b>2021</b> , 5, 158	3	2
419	Diindenopyrazines: Electron-Deficient Arenes. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 10001-10005	4.8	4
418	Supramolecular Assembly of Conjugated Polymers under Vibrational Strong Coupling. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 19817-19822	3.6	0
417	Functionalized Tetrapodal Diazatriptycenes for Electrostatic Dipole Engineering in n-Type Organic Thin Film Transistors. <i>Advanced Materials Technologies</i> , <b>2021</b> , 6, 2000300	6.8	3
416	Beyond p-Hexaphenylenes: Synthesis of Unsubstituted p-Nonaphenylene by a Precursor Protocol. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 281-288	4.8	1
415	High-Resolution Electronic Excitation and Emission Spectra of Pentacene and 6,13-Diazapentacene Monomers and Weakly Bound Dimers by Matrix-Isolation Spectroscopy. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 2072-2081	4.8	5
414	(Aza)Pentacenes Clipped into a Ring: Stabilization of Large (Aza)Acenes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 9270-9273	16.4	10
413	(Aza)Pentacenes Clipped into a Ring: Stabilization of Large (Aza)Acenes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 9356-9359	3.6	1
412	Fast Response Organic Supramolecular Transistors Utilizing In-Situ Ion Gels. <i>Advanced Materials</i> , <b>2021</b> , 33, e2006061	24	3

411	Stable N,N'-Diarylated Dihydrodiazacene Radical Cations. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 1974-1980;	4.8	3
410	Diazapentacenes from Quinacridones. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 4553-4556	4.8	6
409	Synthesis and Optoelectronic Properties of a Quinoxalino-Phenanthrophenazine (QPP) Extended Tribenzotriquinacene (TBTQ). <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 2043-2049	4.8	6
408	Periodic Fluorescence Variations of CdSe Quantum Dots Coupled to Aryleneethynylenes with Aggregation-Induced Emission. <i>ACS Nano</i> , <b>2021</b> , 15, 480-488	16.7	2
407	Interplay of structural dynamics and electronic effects in an engineered assembly of pentacene in a metal-organic framework. <i>Chemical Science</i> , <b>2021</b> , 12, 4477-4483	9.4	6
406	Supramolecular Assembly of Conjugated Polymers under Vibrational Strong Coupling. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 19665-19670	16.4	7
405	Cata-Annulated Azaacene Bisimides. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 12284-12288	4.8	2
404	Benzo-fused Tri[8]annulenes as Molecular Models of Cubic Graphite. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 20220-20224	16.4	5
403	Benzo-fused Tri[8]annulenes as Molecular Models of Cubic Graphite. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 20382-20386	3.6	0
402	Kinetic Stabilization of Blue-Emissive Anthracenes: Phenylene Bridging Works Best. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 16606-16610	4.8	0
401	Electronic Properties of 6,13-Diazapentacene Adsorbed on Au(111): A Quantitative Determination of Transport, Singlet and Triplet States, and Electronic Spectra. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 13196-13205	3.8	5
400	Electron-Beam Irradiation of Cinnamate Films Affords Nanoscale Patterned Substrates for Use in Devices and as Scaffolds in Tissue Engineering. <i>ACS Applied Nano Materials</i> , <b>2020</b> , 3, 7365-7370	5.6	0
399	Chrysene-Based Blue Emitters. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 15089-15093	4.8	3
398	Sensor Array Based Determination of Edman Degradated Amino Acids Using Poly(p-phenyleneethynylene)s. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 7779-7782	4.8	4
397	Quinoidal Azaacenes: 99 % Diradical Character. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12396-12401	16.4	0
396	Lightening up a Dark State of a Pentacene Derivative via N-Introduction. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 7196-7204	3.8	4
395	Linear and Star-Shaped Extended Di- and Tristyrylbenzenes: Synthesis, Characterization and Optical Response to Acid and Metal Ions. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 8137-8143	4.8	2
394	Räktitelbild: Quinoidal Azaacenes: 99 % Diradical Character (Angew. Chem. 30/2020). <i>Angewandte Chemie</i> , <b>2020</b> , 132, 12644-12644	3.6	

393	AFM-IR and IR-SNOM for the Characterization of Small Molecule Organic Semiconductors. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 5331-5344	3.8	16
392	Utilizing Diels-Alder Click Chemistry to functionalize the organic-organic interface of semiconducting polymers. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 3302-3307	7.1	2
391	Quinoidal Azaacenes: 99 % Diradical Character. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 12496-12501	3.6	4
390	Twisting and bending photo-excited phenylethynylbenzenes - a theoretical analysis. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 9974-9981	3.6	2
389	Ultrafast Singlet Fission in Rigid Azaarene Dimers with Negligible Orbital Overlap. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 9163-9174	3.4	5
388	Tetrabenzononacene: "Butterfly Wings" Stabilize the Core. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 1966-1969	16.4	12
387	Azaacenodibenzosuberones. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 296-300	4.2	5
386	Stable Radical Cations of N,N'-Diarylated Dihydrodiazapentacenes. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 160-164	4.8	10
385	Azaacene Dimers: Acceptor Materials with a Twist. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 412-418	4.8	9
384	Peralkynylated Tetraazaacene Derivatives. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1013-1016	4.8	3
383	Tetrabenzononacene: Butterfly Wings Stabilize the Core. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 1982-1985	3.6	7
382	Tetrapodal Diazatriptycene Enforces Orthogonal Orientation in Self-Assembled Monolayers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 6565-6572	9.5	6
381	Enhancing the Open-Circuit Voltage of Perovskite Solar Cells by Embedding Molecular Dipoles within Their Hole-Blocking Layer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 3572-3579	9.5	15
380	A Doubly Bridged Bis(phenylethynyl)benzene: Different from a Twisted Tolan. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 16990-16993	4.8	1
379	5,7,12,14-Tetraphenyl-Substituted 6,13-Diazapentacenes as Versatile Organic Semiconductors: Characterization in Field Effect Transistors. <i>Organic Materials</i> , <b>2020</b> , 02, 204-213	1.9	1
378	Compensation of Oxygen Doping in p-Type Organic Field-Effect Transistors Utilizing Immobilized n-Dopants. <i>Advanced Materials Technologies</i> , <b>2020</b> , 2000556	6.8	4
377	Deoxyribonucleic Acid as a Universal Electrolyte for Bio-Friendly Light-Emitting Electrochemical Cells. <i>Advanced Sustainable Systems</i> , <b>2020</b> , 2000203	5.9	3
376	Light-Emitting Electrochemical Cells Based on Conjugated Ion Gels. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 38483-38489	9.5	5

375	Diffusion-Controlled Singlet Fission in a Chlorinated Phenazinothiadiazole by Broadband Femtosecond Transient Absorption. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 10186-10194	3.4	2
374	5,7,12,14-Tetrafunctionalized 6,13-Diazapentacenes. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 799-803	4.8	4
373	Diketopyrrolopyrrole-Polymer Meets Thiolene Click Chemistry: A Cross-Linked Acceptor for Thermally Stable Near-Infrared Photodetectors. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 7657-7665	9.6	12
372	Simple and robust polymer-based sensor for rapid cancer detection using serum. <i>Chemical Communications</i> , <b>2019</b> , 55, 11458-11461	5.8	6
371	N-Heteroacenes and N-Heteroarenes as N-Nanocarbon Segments. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 1575-1587	24.3	91
370	Mono- and Dianion of a Bis(benzobuta)tetraazapentacene Derivative. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 9840-9845	4.8	5
369	Aggregation-Induced Emission of Triphenyl-Substituted Tristyrylbenzenes. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 11218-11222	4.8	5
368	Optical Spectra and Fluorescence Quenching in Azaacenes Bearing Five-Membered Rings. <i>ChemPhotoChem</i> , <b>2019</b> , 3, 755-762	3.3	5
367	Small Change, Big Impact: The Shape of Precursor Polymers Governs Poly-p-phenylene Synthesis. <i>Macromolecules</i> , <b>2019</b> , 52, 4458-4463	5.5	6
366	Tailoring Ultrafast Singlet Fission by the Chemical Modification of Phenazinothiadiazoles. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 8834-8845	16.4	26
365	n-Type Doping of Organic Semiconductors: Immobilization via Covalent Anchoring. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 4213-4221	9.6	17
364	Pristine Poly( para-phenylene): Relating Semiconducting Behavior to Kinetics of Precursor Conversion. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 19481-19488	9.5	6
363	Discrimination of Flavonoids by a Hypothesis Free Sensor Array. <i>ACS Applied Polymer Materials</i> , <b>2019</b> , 1, 1301-1307	4.3	13
362	Azaarene Dimers. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 7285-7291	4.8	7
361	Microporous Triptycene-Based Affinity Materials on Quartz Crystal Microbalances for Tracing of Illicit Compounds. <i>ChemPlusChem</i> , <b>2019</b> , 84, 1239-1244	2.8	9
360	True Blue Through Oxidation-A Thiazulenenic Heterophenoquinone as Electrochrome. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 5412-5415	4.8	7
359	Thiadiazolo-Azaacenes. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 6082-6086	4.8	5
358	2,3-Dihalo- and 2,3,6,7-Tetrahaloanthracenes by Vollhardt Trimerization. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 9826-9834	4.2	4

357	N-Acenoacenes. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 14522-14526	4.8	8
356	Low-Energy Electronic Excitations of N-Substituted Heteroacene Molecules: Matrix Isolation Spectroscopy in Concert with Quantum-Chemical Calculations. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 15147-15154	4.8	5
355	Oxygen-catalysed sequential singlet fission. <i>Nature Communications</i> , <b>2019</b> , 10, 5202	17.4	10
354	Rapid multiple-quantum three-dimensional fluorescence spectroscopy disentangles quantum pathways. <i>Nature Communications</i> , <b>2019</b> , 10, 4735	17.4	15
353	Starphenes and Phenenes: Structures and Properties. <i>Organic Materials</i> , <b>2019</b> , 01, 001-018	1.9	8
352	Singlet Fission in Tetraaza-TIPS-Pentacene Oligomers: From fs Excitation to $\mu$ Triplet Decay via the Biexcitonic State. <i>Journal of Physical Chemistry B</i> , <b>2019</b> , 123, 10780-10793	3.4	13
351	Unusual stabilization of larger acenes and heteroacenes. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 14011-14034	1.4	10
350	Helical Ullazine-Quinoxaline-Based Polycyclic Aromatic Hydrocarbons. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 1345-1352	4.8	16
349	A Diketopyrrolopyrrole-Based Dimer as a Blue Pigment. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 2723-2738	4.8	6
348	Printing Poly(p-phenyleneethynylene) PLEDs. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 3317-3325	3.5	3
347	Novel Functional TPE Polymers: Aggregation-Induced Emission, pH Response, and Solvatochromic Behavior. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1800774	4.8	12
346	"Butterfly Wings" Stabilize Heptacene. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 8087-8091	4.8	23
345	Yamamoto Coupling for the Synthesis of Benzophenes and Acene-Based Cyclooctatetraenes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 9919-9927	4.8	11
344	A fluorescent microporous crystalline dendrimer discriminates vapour molecules. <i>Chemical Communications</i> , <b>2018</b> , 54, 2534-2537	5.8	17
343	Phenylene Bridged Cyclic Azaacenes: Dimers and Trimers. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6968-6974	4.9	20
342	A novel fluorescence assay for measuring phosphatidylserine decarboxylase catalysis. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 1493-1503	5.4	6
341	A Tetraphenylethene-Based Polymer Array Discriminates Nitroarenes. <i>Macromolecules</i> , <b>2018</b> , 51, 1345-1350	3.5	26
340	An Optical Sensor Array Discriminates Syrups and Honeys. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 4255-4258	4.2	15

339	A Golden Access to Acenopentalenes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 2735-2740	4.8	19
338	Molecular Wire Effects in Phenyleneethynylene Oligomers: Surprising Insights. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 3132-3135	4.8	12
337	Poly(para-phenyleneethynylene)-Sensor Arrays Discriminate 22 Different Teas. <i>ACS Sensors</i> , <b>2018</b> , 3, 504-511	9.2	21
336	Tetrahedral Tetrakis(p-ethynylphenyl) Group IV Compounds in Microporous Polymers: Effect of Tetrel on Porosity. <i>ChemPlusChem</i> , <b>2018</b> , 83, 448-454	2.8	2
335	Dibenzoohexacene: Stabilization Through Additional Clar Sextets. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1036-1040	4.8	13
334	Correlated, Dual-Beam Optical Gating in Coupled Organic-Inorganic Nanostructures. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 11559-11563	16.4	3
333	A Tethered Tolane: Twisting the Excited State. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 15219-15222	4.8	4
332	Solubility Modulation of Polyfluorene Emitters by Thermally Induced (Retro)-Diels-Alder Cross-Linking of Cyclopentadienyl Substituents. <i>Chemistry of Materials</i> , <b>2018</b> , 30, 4157-4167	9.6	5
331	An Optimized Sensor Array Identifies All Natural Amino Acids. <i>ACS Sensors</i> , <b>2018</b> , 3, 1562-1568	9.2	36
330	Palladium-Catalyzed Dimerization of Bis(2-biphenyl)acetylene toward Sterically Hindered Acephenanthrylene. <i>Organic Letters</i> , <b>2018</b> , 20, 3758-3761	6.2	4
329	Structure-Property Relationship of Phenylene-Based Self-Assembled Monolayers for Record Low Work Function of Indium Tin Oxide. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 3731-3737	6.4	18
328	Optical Properties and Sequence Information of Tin-Centered Conjugated Microporous Polymers. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1674-1680	4.8	5
327	Tetraazapentacene constructs: controlling bulk-morphology through molecular dimensionality. <i>Chemical Communications</i> , <b>2018</b> , 54, 1045-1048	5.8	10
326	Correlated, Dual-Beam Optical Gating in Coupled Organic-Inorganic Nanostructures. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 11733-11737	3.6	2
325	Dipole-Switchable Poly(para-phenyleneethynylene)s: Ferroelectric Conjugated Polymers. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17265-17268	3.6	2
324	Dipole-Switchable Poly(para-phenyleneethynylene)s: Ferroelectric Conjugated Polymers. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 17019-17022	16.4	8
323	Detecting Counterfeit Brandies. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 17361-17366	4.8	9
322	Poly(para-phenyleneethynylene)s as emitters in polymer LEDs. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 11002-11006	7.1	4

- 321 Synthesis and characterization of two different azarubrenes. *Chemical Communications*, **2018**, 54, 7593-7596 11
- 320 Immobilization Strategies for Organic Semiconducting Conjugated Polymers. *Chemical Reviews*, **2018**, 118, 5598-5689 68.1 77
- 319 Tetrabromtetraazapentacen: erhöhte Elektronenbeweglichkeit. *Angewandte Chemie*, **2018**, 130, 9688-9692 13
- 318 Bromination Improves the Electron Mobility of Tetraazapentacene. *Angewandte Chemie - International Edition*, **2018**, 57, 9543-9547 16.4 32
- 317 Azaacenes Bearing Five-Membered Rings. *Chemistry - A European Journal*, **2018**, 24, 13667-13675 4.8 12
- 316 Stabilization by Benzannulation: Butterfly Azaacenes. *Chemistry - A European Journal*, **2018**, 24, 12801-12805 4.8 13
- 315 Immobilized Poly(aryleneethynylene) pH Strips Discriminate Different Brands of Cola. *Chemistry - A European Journal*, **2018**, 24, 13102-13105 4.8 9
- 314 Poly(p-phenyleneethynylene)-based tongues discriminate fruit juices. *Analyst, The*, **2017**, 142, 537-543 5 23
- 313 Truxene-Based Hyperbranched Conjugated Polymers: Fluorescent Micelles Detect Explosives in Water. *ACS Applied Materials & Interfaces*, **2017**, 9, 3068-3074 9.5 53
- 312 Dibenzobarrelene-Based Azaacenes: Emitters in Organic Light-Emitting Diodes. *Chemistry - A European Journal*, **2017**, 23, 4415-4421 4.8 29
- 311 Comprehensive Look at the Photochemistry of Tolane. *Journal of Physical Chemistry A*, **2017**, 121, 946-953 25
- 310 Discrimination of Saccharides by a Simple Array. *Chemistry - A European Journal*, **2017**, 23, 12253-12258 4.8 18
- 309 Fingerprinting antibiotics with PAE-based fluorescent sensor arrays. *Polymer Chemistry*, **2017**, 8, 2723-2730 13
- 308 Solution-Processed Bio-OLEDs with a Vitamin-Derived Riboflavin Tetrabutryrate Emission Layer. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 5368-5372 8.3 19
- 307 Synthesis and Properties of Functional Twisted Tolanes. *Chemistry - A European Journal*, **2017**, 23, 9908-9918 6
- 306 Synthesis and Characterization of Heterobenzenacyclo-octaphanes Derived from Cyclotetrazinone. *Chemistry - A European Journal*, **2017**, 23, 10543-10550 4.8 13
- 305 Alkyne-Substituted N-Heterophenes. *Chemistry - A European Journal*, **2017**, 23, 8148-8151 4.8 17
- 304 Array-Based Sensing of Explosives by Water-Soluble Poly(p-phenyleneethynylene)s. *Macromolecules*, **2017**, 50, 4126-4131 5.5 15



303	Synthesis and Characterization of Heterobenzenacyclo-octaphanes Derived from Cyclotetrabenzoin. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 10484-10484	4.8	1
302	N-Heteroacenes as a New Class of Non-Fullerene Electron Acceptors for Organic Bulk-Heterojunction Photovoltaic Devices. <i>Solar Rrl</i> , <b>2017</b> , 1, 1700053	7.1	26
301	Cell Fixation by Light-Triggered Release of Glutaraldehyde. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 4802-4806	3.6	1
300	Dicyano-Substituted Diazaacenes. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 7066-7073	4.8	6
299	Cell Fixation by Light-Triggered Release of Glutaraldehyde. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 4724-4728	16.4	7
298	Poly(aryleneethynylene) Tongue That Identifies Nonsteroidal Anti-Inflammatory Drugs in Water: A Test Case for Combating Counterfeit Drugs. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 790-797	9.5	27
297	Solid-State Gels of Poly(p-phenyleneethynylene)s by Solvent Exchange. <i>Macromolecules</i> , <b>2017</b> , 50, 7880-7886	3.9	5
296	A Polymer/Peptide Complex-Based Sensor Array That Discriminates Bacteria in Urine. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 15246-15251	16.4	84
295	A Polymer/Peptide Complex-Based Sensor Array That Discriminates Bacteria in Urine. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 15448-15453	3.6	12
294	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> , <b>2017</b> , 29, 9154-9161	9.6	57
293	A Simple Optoelectronic Tongue Discriminates Amino Acids. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 12471-12474	4.8	14
292	Preparation, Properties, and Structures of the Radical Anions and Dianions of Azapentacenes. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 15968-15976	16.4	46
291	Chemical Tongues and Noses Based upon Conjugated Polymers. <i>Topics in Current Chemistry</i> , <b>2017</b> , 375, 67	7.2	20
290	Bent N-Heteroarenes. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 8485-94	4.2	24
289	A Stable Bis(benzocyclobutadiene)-Annelated Tetraazapentacene Derivative. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 15896-15901	4.8	25
288	Das Radikalanion und Dianion von Tetraazapentacen. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 10654-10657	3.6	9
287	The Radical Anion and Dianion of Tetraazapentacene. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 10498-501	16.4	27
286	Water-Soluble Poly(p-aryleneethynylene)s: A Sensor Array Discriminates Aromatic Carboxylic Acids. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 20415-21	9.5	37

285	One-step additive crosslinking of conjugated polyelectrolyte interlayers: improved lifetime and performance of solution-processed OLEDs. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 11150-11156	7.1	19
284	Synthesis of Alkynylated Benzo[a]naphtho[2,3-i]phenazine Derivatives. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 869-73	4.8	15
283	Polyelectrolyte Complexes Formed from Conjugated Polymers: Array-Based Sensing of Organic Acids. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3230-3233	4.8	28
282	Coronene-Containing N-Heteroarenes: 13 Rings in a Row. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 1792-5	16.4	101
281	Halogenated Symmetrical Tetraazapentacenes: Synthesis, Structures, and Properties. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 1198-205	4.2	23
280	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> , <b>2016</b> , 4, 1194-1200	7.1	39
279	Synthesis of Substituted Trinaphthylenes. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 193-6	4.2	10
278	Photo-Cross-Linkable Polymeric Optoelectronics Based on the [2 + 2] Cycloaddition Reaction of Cinnamic Acid. <i>Macromolecules</i> , <b>2016</b> , 49, 1518-1522	5.5	12
277	Ratiometric Array of Conjugated Polymers-Fluorescent Protein Provides a Robust Mammalian Cell Sensor. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 4522-9	16.4	98
276	Fluorescence Quenching of Benzaldehyde in Water by Hydrogen Atom Abstraction. <i>ChemPhysChem</i> , <b>2016</b> , 17, 2650-3	3.2	5
275	Identifikation von Weißweinen durch ionische Poly(para-phenylen- ethynylene) und ihre Komplexe. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 7820-7823	3.6	11
274	Suppression of Photocyclization: Stabilization of an Aggregation-Induced Tetraaryldistyrylbenzene Emitter. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 8740-4	4.8	6
273	Identification of White Wines by using Two Oppositely Charged Poly(p-phenyleneethynylene)s Individually and in Complex. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 7689-92	16.4	63
272	A Stable $\pi$ Conjugated Singlet Biradical. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 9830-2	16.4	13
271	The Palladium Way to N-Heteroacenes. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 4680-9	4.8	65
270	Emissive Polyelectrolytes As Interlayer for Color Tuning and Electron Injection in Solution-Processed Light-Emitting Devices. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 7320-5	9.5	12
269	Photo-Cross-Linkable Polyfluorene-Triarylamine (PF-TAA) Copolymer Based on the [2 + 2] Cycloaddition Reaction and Its Use as Hole-Transport Layer in OLEDs. <i>Macromolecules</i> , <b>2016</b> , 49, 2957-2961	5.5	23
268	High-Performance Electron Injection Layers with a Wide Processing Window from an Amidoamine-Functionalized Polyfluorene. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 12959-67	9.5	15

267	Synthesis of Triptycene-Substituted Azapentacene and Azahexacene Derivatives. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 16315-16322	4.8	12
266	Bisalkynylated 3,6-diiminocyclohexa-1,4-diene-1,4-diamine. <i>Chemical Communications</i> , <b>2015</b> , 51, 14844-758		15
265	Unveiling Singlet Fission Mediating States in TIPS-pentacene and its Aza Derivatives. <i>Journal of Physical Chemistry A</i> , <b>2015</b> , 119, 6602-10	2.8	56
264	Interpenetrated Frameworks with Anisotropic Pore Structures from a Tetrahedral Pyridine Ligand. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 3539-3544	3.5	10
263	Synthesis and characterization of biphenylene-containing diazaacenes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 7048-52	4.8	23
262	Amine detection with distyrylbenzenedialdehyde-based Knoevenagel adducts. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 5159-66	4.2	18
261	Distyrylbenzene-aldehydes: identification of proteins in water. <i>Analyst, The</i> , <b>2015</b> , 140, 3136-42	5	9
260	The Larger Linear N-Heteroacenes. <i>Accounts of Chemical Research</i> , <b>2015</b> , 48, 1676-86	24.3	365
259	Development of Thermally Activated Delayed Fluorescence Materials with Shortened Emissive Lifetimes. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 9126-31	4.2	56
258	Dipolar SAMs Reduce Charge Carrier Injection Barriers in n-Channel Organic Field Effect Transistors. <i>Langmuir</i> , <b>2015</b> , 31, 10303-9	4	14
257	2-Bromotetraazapentacene and Its Functionalization by Pd(0)-Chemistry. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 12166-76	4.2	14
256	Poly(aryleneethynylene)s (PAE) as paradigmatic sensor cores. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 4322-368.5	38.5	86
255	Pyridine-based poly(aryleneethynylene)s: a study on anionic side chain density and their influence on optical properties and metallochromicity. <i>RSC Advances</i> , <b>2015</b> , 5, 96189-96193	3.7	7
254	Sequenzanalysekonjugierter, mikroporöser Polymere (CMPs): Defektstrukturen eines Tetrakis(4-ethinylphenyl)stannan-Netzwerks. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 14885-14888	3.6	3
253	Substituted Tetraaza- and Hexaazahexacenes and their N,N'-Dihydro Derivatives: Syntheses, Properties, and Structures. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 8121-9	4.8	22
252	A biphasic mercury-ion sensor: exploiting microfluidics to make simple anilines competitive ligands. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 14297-300	4.8	9
251	New Aggregation-Induced Emitters: Tetraphenyldistyrylbenzenes. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 16749-53	4.8	16
250	Light-Induced Solubility Modulation of Polyfluorene To Enhance the Performance of OLEDs. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 14545-8	16.4	31

249	Reverse Engineering of Conjugated Microporous Polymers: Defect Structures of Tetrakis(4-ethynylphenyl)stannane Networks. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 14673-6	16.4	16
248	N,N'-Dihydrotetraazapentacenes (DHTA) in thin film transistors. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 1604-1609	7.1	20
247	Photoscapy: spectroscopic information from camera snapshots?. <i>Chemical Science</i> , <b>2014</b> , 5, 1422	9.4	16
246	Aggregation, Acidochromicity, and Metallochromicity of a Pyridine-Based Poly(aryleneethynylene). <i>Macromolecules</i> , <b>2014</b> , 47, 922-927	5.5	19
245	Fourfold alkoxy-substituted [2.2.2]paracyclophane-1,9,17-trienes-ROMP into PPVs with unusual topologies. <i>Macromolecular Rapid Communications</i> , <b>2014</b> , 35, 2096-100	4.8	7
244	Improved Thin-Film Transistor Performance Through a Melt of Poly(para-phenyleneethynylene). <i>Macromolecular Rapid Communications</i> , <b>2014</b> , 35, 1770	4.8	12
243	Tetraazaacenes containing four-membered rings in different oxidation states. Are they aromatic? A computational study. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 11644-50	4.2	12
242	Fourfold Diels-Alder reaction of tetraethynylsilane. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 16448-53	4.8	2
241	Electron-transporting phenazinothiadiazoles with engineered microstructure. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 9609-9612	7.1	41
240	Syntheses and Characteristics of Water-Soluble, Pyridine-Based Poly(aryleneethynylene)s. <i>Macromolecules</i> , <b>2014</b> , 47, 7014-7020	5.5	14
239	Porous polymers based on aryeneethynylene building blocks. <i>Macromolecular Rapid Communications</i> , <b>2014</b> , 35, 1466-96	4.8	53
238	A persistent diazaheptacene derivative. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 15166-9	16.4	84
237	Halogen Bonding in Diaza-Triisopropylsilyl-Tetracene Crystals?. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 5963-5965	3.5	5
236	Synthesis of soluble, alkyne-substituted trideca- and hexadeca-starphenes. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 12725-8	4.8	31
235	Printing PPEs: Fundamental Structure-Property Relationships.. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 788-790	6.6	4
234	Acceleration of Singlet Fission in an Aza-Derivative of TIPS-Pentacene. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 2425-30	6.4	63
233	Detection of amines with extended distyrylbenzenes by strip assays. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 6634-45	4.2	27
232	Amine Sensing with Distyrylbenzenes and Their Hexamethylene-Linked Polymers: Spraying Them On. <i>Macromolecules</i> , <b>2014</b> , 47, 2569-2573	5.5	27

231	[2.2.2]Paracyclophane-Trienes-Attractive Monomers for ROMP.. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 415-418	6.6	22
230	Bridged tolanes: a twisted tale. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 6571-8	4.2	29
229	Antimicrobial activity of water-soluble triazole phenazine clickamers against E. coli. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 719-23	4.8	5
228	Photolability of per-arylated butadienes: en route to dihydronaphthalenes. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 11787-91	4.2	14
227	Synthesis and structure of tetraethynylsilane and its silylated derivatives. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 3600-5	4.8	7
226	Growth of rylene diimide crystalline layers on aminoalkyl triethoxysilane-monolayers for organic field effect transistor applications. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 6661	7.1	4
225	N-Fused quinoxalines and benzoquinoxalines as attractive emitters for organic light emitting diodes. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 5718	7.1	59
224	Imine formation as a simple reaction to construct copper-reactive cruciform fluorophores. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 960-5	4.2	10
223	TIPS-tetracene- and TIPS-pentacene-annulated poly(norbornadiene)s: synthesis and properties. <i>Macromolecular Rapid Communications</i> , <b>2013</b> , 34, 1611-7	4.8	15
222	Twisted tethered tolanes: unanticipated long-lived phosphorescence at 77 K. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 2160-3	16.4	66
221	Partially fluorinated tetraazaacenes by nucleophilic aromatic substitution. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 10832-9	4.2	19
220	Recognition of glycosaminoglycan chemical patterns using an unbiased sensor array. <i>Chemical Science</i> , <b>2013</b> , 4, 2076	9.4	42
219	Digital photography for the analysis of fluorescence responses. <i>Chemical Science</i> , <b>2013</b> , 4, 273-281	9.4	28
218	Water-soluble bis-triazolyl benzochalcogendiazole cycloadducts as tunable metal ion sensors. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 1038-44	4.2	32
217	Large N-heteroacenes: new tricks for very old dogs?. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 3810-21	16.4	388
216	From thia- to selenadiazoles: changing interaction priority. <i>Organic Letters</i> , <b>2013</b> , 15, 666-9	6.2	34
215	Water-soluble cruciforms and distyrylbenzenes: synthesis, characterization, and pH-dependent amine-sensing properties. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 4949-59	4.2	28
214	Reactions of large tetraaza-N,N'-dihydroacenes: formation of unexpected adducts and an unstable tetraazahexacene. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 1249-53	4.2	6

213	Adventures of an Occasional Click Chemist. <i>Synlett</i> , <b>2013</b> , 24, 1899-1909	2.2	10
212	The photophysics of pyridine-derivatized ortho-, meta-, and para-dibutylamino cruciforms. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 8490-6	4.8	11
211	Poly(para-phenylene vinylene) and polynorbornadiene containing rod-coil block copolymers via combination of acyclic diene metathesis and ring-opening metathesis polymerization. <i>Macromolecular Rapid Communications</i> , <b>2013</b> , 34, 873-8	4.8	5
210	Pd-catalyzed coupling of non-activated dibromoarenes to 2,3-diaminoarenes: formation of N,N'-dihydropyrazines. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 15089-92	4.8	40
209	Groß N-Heteroacene: ein alter Hut mit neuen Federn?. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 3898-3910	3.6	138
208	Fluorescence quenching of a poly(para-phenylene ethynyls) by C60 fullerenes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2012</b> , 249, 41-46	4.7	39
207	Photophysical property trends for a homologous series of bis-ethynyl-substituted benzochalcogendiazoles. <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 550-553	3.6	25
206	Large azaacenes: pyridine rings reacting like carbonyl groups. <i>Organic Letters</i> , <b>2012</b> , 14, 1008-11	6.2	26
205	Cruciforms' polarized emission confirms disjoint molecular orbitals and excited states. <i>Organic Letters</i> , <b>2012</b> , 14, 1000-3	6.2	15
204	Aggregation and interaction of cationic nanoparticles on bacterial surfaces. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 6920-3	16.4	180
203	Pyridine-Substituted BODIPY as Fluorescent Probe for Hg <sup>2+</sup> . <i>European Journal of Organic Chemistry</i> , <b>2012</b> , 2012, 2237-2242	3.2	8
202	Alkene metathesis - a tool for the synthesis of conjugated polymers. <i>Macromolecular Rapid Communications</i> , <b>2012</b> , 33, 886-910	4.8	37
201	para-Verknüpfte Cyclophenylene und halbkugelförmige Polyarene: Bausteine für einwandige Kohlenstoffnanoröhren?. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 7202-7209	3.6	39
200	Synthesis and optical properties of diaza- and tetraazatetracenes. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 4627-33	4.8	57
199	Aldehyde-appended distyrylbenzenes: amine recognition in water. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 8921-4	4.8	41
198	para-Connected cyclophenylenes and hemispherical polyarenes: building blocks for single-walled carbon nanotubes?. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 7094-101	16.4	109
197	Colorimetric bacteria sensing using a supramolecular enzyme-nanoparticle biosensor. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 9650-3	16.4	273
196	Eine effiziente Synthese substituierter Tetraazapentacene. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 3619-3622	3.6	37

195	Stabile Hexacene durch Stickstoffsubstitution. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 8747-8750	3.6	57
194	An efficient synthesis of tetraazapentacenes. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 3557-604	16.4	114
193	Stable hexacenes through nitrogen substitution. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 8588-91	16.4	148
192	Inside Cover: Stable Hexacenes through Nitrogen Substitution (Angew. Chem. Int. Ed. 37/2011). <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 8440-8440	16.4	
191	Hydroxydialkylamino cruciforms: amphoteric materials with unique photophysical properties. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3112-9	4.8	21
190	Aldehyde cruciforms: dosimeters for primary and secondary amines. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 13720-5	4.8	37
189	Water-soluble distyrylbenzenes: one core with two sensory responses--turn-on and ratiometric. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 13726-31	4.8	8
188	Gold nanoparticle-polymer/biopolymer complexes for protein sensing. <i>Faraday Discussions</i> , <b>2011</b> , 152, 33-42; discussion 99-120	3.6	37
187	Discrimination of organic acids using a three molecule array based upon cruciform fluorophores. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 7716-8	16.4	66
186	Hyperbranched Conjugated Polymers: Postfunctionalization. <i>Macromolecules</i> , <b>2010</b> , 43, 2124-2129	5.5	12
185	Unsymmetrical cruciforms. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 523-34	4.2	54
184	Array-based sensing of normal, cancerous, and metastatic cells using conjugated fluorescent polymers. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 1018-22	16.4	136
183	The larger N-heteroacenes. <i>Pure and Applied Chemistry</i> , <b>2010</b> , 82, 953-968	2.1	140
182	Cell surface-based differentiation of cell types and cancer states using a gold nanoparticle-GFP based sensing array. <i>Chemical Science</i> , <b>2010</b> , 1, 134	9.4	95
181	Enzyme-amplified array sensing of proteins in solution and in biofluids. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 5285-9	16.4	180
180	Effects of electronegative substitution on the optical and electronic properties of acenes and diazaacenes. <i>Nature Communications</i> , <b>2010</b> , 1, 91	17.4	166
179	Cross-conjugated cruciform fluorophores. <i>Accounts of Chemical Research</i> , <b>2010</b> , 43, 397-408	24.3	243
178	Gold nanoparticle-fluorophore complexes: sensitive and discerning "noses" for biosystems sensing. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 3268-79	16.4	307

177	Alpha-oligofurans: molecules without a twist. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5037-404	4.4	174
176	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> , <b>2009</b> , 106, 10912-6	11.5	259
175	Nano-conjugate fluorescence probe for the discrimination of phosphate and pyrophosphate. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 449-56	4.8	46
174	6,13-Diethynyl-5,7,12,14-tetraazapentacene. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 4990-3	4.8	167
173	Bis(4'-dibutylaminostyryl)benzene: spectroscopic behavior upon protonation or methylation. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 13075-81	4.8	29
172	N-heteroacenes. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 6780-9	4.8	222
171	Poly(aryleneethynylene)s. <i>Macromolecular Rapid Communications</i> , <b>2009</b> , 30, 772-805	4.8	191
170	Sensing of proteins in human serum using conjugates of nanoparticles and green fluorescent protein. <i>Nature Chemistry</i> , <b>2009</b> , 1, 461-5	17.6	397
169	4n pi electrons but stable: N,N-dihydrodiazapentacenes. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 4343-9	4.2	71
168	Gold nanoparticle-PPE constructs as biomolecular material mimics: understanding the electrostatic and hydrophobic interactions. <i>Soft Matter</i> , <b>2009</b> , 5, 607-612	3.6	42
167	Alkynylated aceno[2,1,3]thiadiazoles. <i>Organic Letters</i> , <b>2009</b> , 11, 5222-5	6.2	70
166	Acidochromicity of bisarylethynylbenzenes: hydroxy versus dialkylamino substituents. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 8909-13	4.2	10
165	Anomalous photophysics of bis(hydroxystyryl)benzenes: a twist on the para/meta dichotomy. <i>Organic Letters</i> , <b>2008</b> , 10, 2429-32	6.2	24
164	Optical Spectroscopy of Grafted Poly(p-phenyleneethynylene)s in Water and Water/DMF Mixtures. <i>Macromolecules</i> , <b>2008</b> , 41, 1112-1117	5.5	19
163	Sugar-Substituted Poly(p-phenyleneethynylene)s: Sensitivity Enhancement toward Lectins and Bacteria. <i>Macromolecules</i> , <b>2008</b> , 41, 7316-7320	5.5	60
162	Water-soluble cruciforms: response to protons and selected metal ions. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 6498-506	16.4	58
161	Fluorescence self-quenching of a mannosylated poly(p-phenyleneethynylene) induced by concanavalin A. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 6952-4	16.4	98
160	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> , <b>2008</b> , 130, 7851-3	16.4	121



159	Hydroxycruciforms: amine-responsive fluorophores. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 4503-10	4.8	75
158	Rapid and efficient identification of bacteria using gold-nanoparticle-poly(para-phenyleneethynylene) constructs. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 2590-4	16.4	334
157	Are N,N-dihydrodiazatetracene derivatives antiaromatic?. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 7339-44	16.4	146
156	A thiadiazole-fused N,N-dihydroquinoxaline: antiaromatic but isolable. <i>Organic Letters</i> , <b>2007</b> , 9, 1073-6	6.2	24
155	Poly(aryleneethynylene)s with Orange, Yellow, Green, and Blue Solid-State Fluorescence. <i>Macromolecules</i> , <b>2007</b> , 40, 1843-1850	5.5	30
154	Use of a folate-PPE conjugate to image cancer cells in vitro. <i>Bioconjugate Chemistry</i> , <b>2007</b> , 18, 815-20	6.3	95
153	Forced Agglutination as a Tool to Improve the Sensory Response of a Carboxylated Poly(p-phenyleneethynylene). <i>Macromolecules</i> , <b>2007</b> , 40, 814-817	5.5	38
152	Carboxylate Group Side-Chain Density Modulates the pH-Dependent Optical Properties of PPEs. <i>Macromolecules</i> , <b>2007</b> , 40, 5290-5293	5.5	50
151	Phenothiazine cruciforms: synthesis and metallochromic properties. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 6714-25	4.2	113
150	Terpyridine-based cruciform-Zn <sup>2+</sup> complexes as anion-responsive fluorophores. <i>Organic Letters</i> , <b>2007</b> , 9, 4519-22	6.2	69
149	Controlling polymer properties through dynamic metal-ligand interactions: supramolecular cruciforms made easy. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 4467-74	4.8	37
148	Detection and identification of proteins using nanoparticle-fluorescent polymer 'chemical nose' sensors. <i>Nature Nanotechnology</i> , <b>2007</b> , 2, 318-23	28.7	666
147	Array-based sensing of proteins using conjugated polymers. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 9856-7	16.4	238
146	Derivatives of octaethynylphenazine and hexaethynylquinoxaline. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 661-5	16.4	21
145	Derivatives of Octaethynylphenazine and Hexaethynylquinoxaline. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 677-681	9.8	9
144	Side Chain vs Main Chain. Who Dominates? A Polyester-Grafted Poly(p-phenyleneethynylene) with Two Different Morphologies. <i>Macromolecules</i> , <b>2006</b> , 39, 4941-4944	5.5	18
143	Reduced fluorescence quenching of cyclodextrin-acetylene dye rotaxanes. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 7714-5	16.4	90
142	Synthesis of a peralkynylated pyrazino[2,3-g]quinoxaline. <i>Organic Letters</i> , <b>2006</b> , 8, 757-60	6.2	23

141	1,3-Dipolar Cycloaddition for the Generation of Nanostructured Semiconductors by Heated Probe Tips. <i>Macromolecules</i> , <b>2006</b> , 39, 6793-6795	5.5	92
140	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> , <b>2006</b> , 128, 2818-9	16.4	316
139	Cruciforms as functional fluorophores: response to protons and selected metal ions. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 11872-81	16.4	164
138	Sensing of Lead Ions by a Carboxylate-Substituted PPE: Multivalency Effects. <i>Macromolecules</i> , <b>2005</b> , 38, 4560-4562	5.5	197
137	Mannose-substituted PPEs detect lectins: a model for Ricin sensing. <i>Chemical Communications</i> , <b>2005</b> , 1273-5	5.8	90
136	Nonspecific interactions of a carboxylate-substituted PPE with proteins. A cautionary tale for biosensor applications. <i>Langmuir</i> , <b>2005</b> , 21, 7985-9	4	138
135	Switching of intramolecular charge transfer in cruciforms: metal ion sensing. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 4124-5	16.4	193
134	Multitopic third generation tris(pyrazolyl)methane ligands built on alkyne structural scaffolding: first preparation of mixed tris(pyrazolyl)methane/tris(pyrazolyl)borate ligands. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 1035	3.6	32
133	Photophysics of Poly[p-(2,5-didodecylphenylene)ethynylene] in Thin Films. <i>Macromolecules</i> , <b>2005</b> , 38, 5892-5896	5.5	59
132	Click Chemistry as a Powerful Tool for the Construction of Functional Poly(p-phenyleneethynylene)s: Comparison of Pre- and Postfunctionalization Schemes. <i>Macromolecules</i> , <b>2005</b> , 38, 5868-5877	5.5	97
131	A Commentary on a new series of conducting polymers with layered structure: Polypyrrole n-alkylsulfates and n-alkylsulfonates by W. Wernet, M. Monkenbusch, G. Wegner (Macromol. Chem., Rapid Commun. 1984, 5, 157-164). <i>Macromolecular Rapid Communications</i> , <b>2005</b> , 26, 429-437	4.8	1
130	Templated ceramic microstructures by using the breath-figure method. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 995-1000	4.8	56
129	Synthesis and structural characterization of five new coordination polymer chain structures using a new, Z-shaped ligand, 2,2'-bis-(4-pyridylethynyl)tolane. <i>Journal of Chemical Crystallography</i> , <b>2005</b> , 35, 125-134	0.5	6
128	Coordination dimers constructed from metal(II) halides and the organic ligand 1,2-dimethoxy-4,5-bis(2-pyridylethynyl)benzene. <i>Journal of Chemical Crystallography</i> , <b>2005</b> , 35, 903-912	0.5	5
127	Synthesis and Structure of PAEs. <i>Advances in Polymer Science</i> , <b>2005</b> , 1-52	1.3	115
126	Chemistry. How are alkynes scrambled?. <i>Science</i> , <b>2005</b> , 308, 216-7	33.3	1460
125	Photoresponsivity of polymer thin-film transistors based on polyphenyleneethynylene derivative with improved hole injection. <i>Applied Physics Letters</i> , <b>2004</b> , 85, 4219-4221	3.4	57
124	Sugar-poly(para-phenylene ethynylene) conjugates as sensory materials: efficient quenching by Hg <sup>2+</sup> and Pb <sup>2+</sup> ions. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 6247-54	4.8	196

123	Cruciform pi-systems: effect of aggregation on emission. <i>Chemical Communications</i> , <b>2004</b> , 1700-1	5.8	67
122	Permanent bubble arrays from a cross-linked poly(para-phenyleneethynylene): picoliter holes without microfabrication. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 3678-9	16.4	128
121	Pyridine-capped, oligomeric (o-phenyleneethynylene)s. <i>Organic Letters</i> , <b>2004</b> , 6, 4151-4	6.2	33
120	Jacketed Poly(p-phenyleneethynylene)s: Nonaggregating Conjugated Polymers as Blue-Emitting Rods. <i>Macromolecules</i> , <b>2004</b> , 37, 8212-8221	5.5	41
119	TEMPO-Substituted PPEs: Polystyrene-PPE Graft Copolymers and Double Graft Copolymers. <i>Macromolecules</i> , <b>2004</b> , 37, 9701-9708	5.5	17
118	Chromicity in Poly(aryleneethynylene)s. <i>ACS Symposium Series</i> , <b>2004</b> , 147-160	0.4	7
117	Synthesis and crystal structure of catena-poly[Rh <sub>2</sub> (OAc) <sub>4</sub> (C <sub>27</sub> H <sub>15</sub> N <sub>3</sub> )] <sub>2</sub> CH <sub>2</sub> CL <sub>2</sub> , a novel Rh(II) organic/inorganic coordination polymer. <i>Journal of Chemical Crystallography</i> , <b>2003</b> , 33, 885-890	0.5	4
116	Quinoxaline-Based Poly(aryleneethynylene)s. <i>Macromolecules</i> , <b>2003</b> , 36, 546-548	5.5	41
115	Preferential end-to-end assembly of gold nanorods by biotin-streptavidin connectors. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 13914-5	16.4	605
114	Nanostructuring of Poly(aryleneethynylene)s: Formation of Nanotowers, Nanowires, and Nanotubules by Templated Self-Assembly. <i>Macromolecules</i> , <b>2003</b> , 36, 1426-1428	5.5	37
113	Rod vs Coil: Molecular Weight Comparison of a Poly(dialkyl-p-phenyleneethynylene) with Its Reduced Poly(2,5-dialkyl-p-xylylene). <i>Macromolecules</i> , <b>2003</b> , 36, 1424-1425	5.5	38
112	Conformational and electronic engineering of twisted diphenylacetylenes. <i>Organic Letters</i> , <b>2003</b> , 5, 3951-4	16.4	48
111	Excitation Induced Emission Color Change in Conjugated Polymers. <i>Journal of Physical Chemistry B</i> , <b>2003</b> , 107, 11604-11607	3.4	6
110	Surfactochromic Conjugated Polymers: Surfactant Effects on Sugar-Substituted PPEs. <i>Macromolecules</i> , <b>2003</b> , 36, 7409-7412	5.5	125
109	A supramolecular organometallic metalorganic square. <i>Chemical Communications</i> , <b>2003</b> , 1628-1629	5.8	10
108	Synthesis and Structural Characterization of Organometallic Cyclines: Novel Nanoscale, Carbon-Rich Topologies. <i>Angewandte Chemie</i> , <b>2002</b> , 114, 2484-2488	3.6	11
107	Noninterpenetrating Square-Grid Coordination Polymers With Dimensions of 250 Å Prepared by Using N,N'-Type Ligands: The First Chiral Square-Grid Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 583-585	16.4	180
106	Synthesis and structural characterization of organometallic cyclines: novel nanoscale, carbon-rich topologies. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 2378-82	16.4	25

105	From single molecules to aggregates to gels in dilute solution: Self-organization of nanoscale rodlike molecules. <i>Journal of Chemical Physics</i> , <b>2002</b> , 117, 1827-1832	3.9	36
104	Increased activity of in situ catalysts for alkyne metathesis. <i>Organic Letters</i> , <b>2002</b> , 4, 2829-31	6.2	53
103	Acetylene Gas: A Reagent in the Synthesis of High Molecular Weight Poly(p-phenyleneethynylene)s Utilizing Very Low Catalyst Loadings. <i>Macromolecules</i> , <b>2002</b> , 35, 3799-3800	5.5	21
102	Chiroptical properties of poly(p-phenyleneethynylene) copolymers in thin films: large g-values. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 6830-1	16.4	136
101	Band Gap Engineering of Poly(p-phenyleneethynylene)s: Cross-Conjugated PPEBPV Hybrids. <i>Macromolecules</i> , <b>2002</b> , 35, 8681-8683	5.5	76
100	Synthesis and Mesoscopic Order of a Sugar-Coated Poly(p-phenyleneethynylene). <i>Macromolecules</i> , <b>2002</b> , 35, 7863-7864	5.5	42
99	Quinoline-Containing, Conjugated Poly(aryleneethynylene)s: Novel Metal and H <sup>+</sup> -Responsive Materials. <i>Macromolecules</i> , <b>2002</b> , 35, 1563-1568	5.5	72
98	Alkyne-Bridged Carbazole Polymers by Alkyne Metathesis. <i>Macromolecules</i> , <b>2002</b> , 35, 5317-5319	5.5	50
97	Organometallic dendrimers based on (tetraphenylcyclobutadiene)cyclopentadienylcobalt modules. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 8661-6	16.4	36
96	Synthesis and explosive decomposition of organometallic dehydro[18]annulenes: an access to carbon nanostructures. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 13814-8	16.4	87
95	Concave Butterfly-Shaped Organometallic Hydrocarbons?. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 1508-1511	3.6	9
94	Concave Butterfly-Shaped Organometallic Hydrocarbons?. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 1460-1463	16.4	36
93	Two Luminescent Coordination Polymers with a Triple-Helix Structure: HgX <sub>2</sub> (C <sub>31</sub> H <sub>24</sub> N <sub>2</sub> )[CH <sub>2</sub> Cl <sub>2</sub> (X = Cl and Br). <i>Chemistry of Materials</i> , <b>2001</b> , 13, 2743-2745	9.6	226
92	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> , <b>2001</b> , 123, 4259-65	16.4	316
91	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> , <b>2001</b> , 34, 7592-7594	5.5	60
90	Oligonucleotide-directed assembly of materials: defined oligomers. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 1828-33	16.4	75
89	Poly(p-phenyleneethynylene)s by alkyne metathesis. <i>Accounts of Chemical Research</i> , <b>2001</b> , 34, 998-1010	24.3	255
88	Organometallic dehydro[14] annulenes containing Vollhardt's cyclobutadiene: are CpCo-complexed cyclobutadienes more aromatic than benzene?. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 5174-81	4.2	30

87	Is ferrocene more aromatic than benzene?. <i>Chemical Communications</i> , <b>2001</b> , 691-692	5.8	32
86	A solution-phase route to a tetraethynylated (cyclobutadiene)cyclopentadienylcobalt complex with a para-(1,3,2,4)-substitution pattern. <i>Chemical Communications</i> , <b>2001</b> , 2590-2591	5.8	13
85	Three unique coordination geometries involving 1,2-dimethoxy-4,5-bis(2-pyridylethynyl)benzene. <i>Chemical Communications</i> , <b>2001</b> , 2674-2675	5.8	24
84	From Molecules to Supramolecular Structure: Self Assembling of Wirelike Poly(p-phenyleneethynylene)s. <i>Macromolecules</i> , <b>2001</b> , 34, 151-155	5.5	39
83	Alkyne-Bridged Polymers as Platform for Novel Macromolecular Materials: Catalytic Hydrogenation of Poly[(p-dialkylphenylene)ethynylene]s. <i>Macromolecules</i> , <b>2001</b> , 34, 4688-4690	5.5	26
82	Excited-state dynamics of oligo(p-phenyleneethynylene): quadratic coupling and torsional motions. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 6447-8	16.4	160
81	Blue Solid-State Photoluminescence and Electroluminescence from Novel Poly(para-phenyleneethynylene) Copolymers. <i>Chemistry of Materials</i> , <b>2001</b> , 13, 2691-2696	9.6	69
80	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> , <b>2001</b> , 34, 8590-8592	5.5	36
79	Synthesis and characterization of poly[1,5-(3,7-di-tert-butyl)naphthyleneethynylene] by alkyne metathesis. <i>Macromolecular Rapid Communications</i> , <b>2000</b> , 21, 493-495	4.8	10
78	Poly(aryleneethynylene)s: Syntheses, Properties, Structures, and Applications. <i>Chemical Reviews</i> , <b>2000</b> , 100, 1605-44	68.1	1549
77	Interplay of Thermochromicity and Liquid Crystalline Behavior in Poly(p-phenyleneethynylene)s: Interactions or Planarization of the Conjugated Backbone?. <i>Macromolecules</i> , <b>2000</b> , 33, 652-654	5.5	181
76	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> , <b>2000</b> , 122, 12435-12440	16.4	106
75	Novel liquid-crystalline PPE-naphthalene copolymers displaying blue solid-state fluorescence. <i>Chemical Communications</i> , <b>2000</b> , 85-86	5.8	38
74	Ring-closing alkyne metathesis with simple catalyst systems: an access to molecular triangles and rhomboids. <i>Chemical Communications</i> , <b>2000</b> , 87-88	5.8	38
73	Synthesis and Self-Assembly of an Oligonucleotide-Modified Cyclobutadiene Complex. <i>Organometallics</i> , <b>2000</b> , 19, 368-370	3.8	14
72	Poly(fluorenyleneethynylene)s by Alkyne Metathesis: Optical Properties and Aggregation Behavior. <i>Macromolecules</i> , <b>2000</b> , 33, 3961-3963	5.5	91
71	Synthesis and Characterization of Nonfluorescent Poly(p-aryleneethynylene)s by Alkyne Metathesis. <i>Macromolecules</i> , <b>2000</b> , 33, 9518-9521	5.5	20
70	Alkinmetathese als neues Synthesewerkzeug: ringschließend, ringöffnend und acyclisch. <i>Angewandte Chemie</i> , <b>1999</b> , 111, 503-505	3.6	17

69	Structure Elucidation, Packing, and Solid-State Behavior of the Eglinton-Malbraith Dimer. <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 263-266	4.8	65
68	Alkyne Metathesis as a New Synthetic Tool: Ring-Closing, Ring-Opening, and Acyclic. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 478-481	16.4	71
67	Aggregation and chiroptical behavior of a high molecular weight chirally substituted dialkylpoly(p-phenyleneethynylene). <i>Macromolecular Rapid Communications</i> , <b>1999</b> , 20, 107-111	4.8	83
66	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> , <b>1999</b> , 121, 10719-10726	16.4	49
65	Poly(p-phenyleneethynylene)s Are Thermotropic Liquid Crystalline. <i>Macromolecules</i> , <b>1999</b> , 32, 4460-4463	3.5	46
64	Polyethynylated cyclic systems: scaffoldings for novel two and three-dimensional carbon networks. <i>Chemical Society Reviews</i> , <b>1999</b> , 28, 107-119	58.5	335
63	High Molecular Weight Poly(p-phenyleneethynylene)s by Alkyne Metathesis Utilizing Instant Catalysts: A Synthetic Study. <i>Macromolecules</i> , <b>1999</b> , 32, 4194-4203	5.5	89
62	Syntheses and Characterizations of One-Dimensional Coordination Polymers Generated from Cadmium Nitrate and Bipyridine Ligands. <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 3056-3060	5.1	108
61	(Tetravinylcyclobutadiene)cyclopentadienylcobalt: Serendipity at Work. <i>Organometallics</i> , <b>1999</b> , 18, 4-5	3.8	5
60	New Crystalline Frameworks Formed from 1,2-Bis(4-pyridyl)ethyne and Co(NO <sub>3</sub> ) <sub>2</sub> : Interpenetrating Molecular Ladders and an Unexpected Molecular Parquet Pattern from T-Shaped Building Blocks. <i>Chemistry of Materials</i> , <b>1999</b> , 11, 1413-1415	9.6	88
59	Assignment of the Optical Transitions in 1,3-Diethynylcyclobutadiene(cyclopentadienyl)cobalt Oligomers. <i>Journal of Physical Chemistry B</i> , <b>1999</b> , 103, 10335-10337	3.4	3
58	Solid-State Structures of Phenyleneethynylenes: Comparison of Monomers and Polymers. <i>Chemistry of Materials</i> , <b>1999</b> , 11, 1416-1424	9.6	102
57	Evidence of Aggregate Formation for 2,5-Dialkylpoly(p-phenyleneethynylenes) in Solution and Thin Films. <i>Macromolecules</i> , <b>1998</b> , 31, 8655-8659	5.5	265
56	Alkyne Metathesis with Simple Catalyst Systems: Poly(p-phenyleneethynylene)s. <i>Journal of the American Chemical Society</i> , <b>1998</b> , 120, 7973-7974	16.4	126
55	A Soft Spot for Alkynes. <i>Synlett</i> , <b>1997</b> , 1997, 1117-1127	2.2	22
54	Synthesis of Organometallic Dehydroannulenes Containing Ferrocene or (Cyclopentadienylcobalt)cyclobutadiene Moieties. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 1472-1473	16.4	32
53	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> , <b>1997</b> , 36, 506-509		76
52	A Restitutive Bergman Rearrangement: Synthesis of a CpCo-Complexed, Tetraethynylated Cyclobutadiene. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 1107-1109		16

51	Eine rekonstitutive Bergman-Umlagerung: Synthese eines CpCo-komplexierten, tetraethinylierten Cyclobutadiens. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 1133-1135	3.6	7
50	Synthesis of novel liquid crystalline organometallic polymers. <i>Pure and Applied Chemistry</i> , <b>1996</b> , 68, 309-312		23
49	Synthesis and Characterization of Oxygen-Substituted Pericyclines. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 1190-1191	4.2	20
48	Synthesis of Linear Oligomers of [1,3-Diethynyl-2,4-bis(trimethylsilyl)cyclobutadiene]cyclopentadienylcobalt: Dimer to Nonamer. <i>Organometallics</i> , <b>1996</b> , 15, 394-399	3.8	38
47	Synthesis of Cymantrene-Containing Organometallic Polymers Using the Suzuki Coupling. <i>Organometallics</i> , <b>1996</b> , 15, 5470-5472	3.8	20
46	Synthesis and Characterization of a Novel Cyclobutadiene-octatetrayne Polymer. <i>Chemische Berichte</i> , <b>1996</b> , 129, 269-273		23
45	Cyclobutadiene Complexes, XII. Alkynyl-Substituted Tricarbonyl(cyclobutadiene)iron Complexes: Stille Coupling of Iodocyclobutadiene Complexes with Stannylalkynes. <i>Chemische Berichte</i> , <b>1996</b> , 129, 785-797		31
44	Suzuki-Coupling of Cp*Ru(para-C <sub>6</sub> H <sub>4</sub> Br <sub>2</sub> ) with Phenyl Boronic Acid: A Model Reaction for the Synthesis of Organometallic Polymers. <i>Chemische Berichte</i> , <b>1996</b> , 129, 1323-1325		14
43	Organometallic Carbon Chains—They Just Keep Getting Longer!. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 969-971		150
42	Synthesis of Dumbbell-Shaped Organometallics: Synthesis of a Peralkynylated Dinuclear Cyclobutadiene Complex. <i>Organometallics</i> , <b>1995</b> , 14, 4449-4451	3.8	14
41	ortho- and meta-(Diethynylcyclopentadienyl)tricarbonylmanganese: Building Blocks toward the Construction of Metal Fragment Supported Fullerenynes?. <i>Organometallics</i> , <b>1995</b> , 14, 2490-2495	3.8	43
40	Synthesis of novel polymers containing cyclobutadiene thiophene and alkyne units: polymeric organometallic mesogens**. <i>Advanced Materials</i> , <b>1995</b> , 7, 726-728	24	55
39	Synthesis and optical properties of some novel arylene-alkynylene polymers. <i>Macromolecular Rapid Communications</i> , <b>1995</b> , 16, 571-580	4.8	84
38	Amino Substituted Tricarbonyl(cyclobutadiene)iron Complexes: Pd-Catalyzed Coupling of Iodocyclobutadiene Complexes with Amines. <i>Chemische Berichte</i> , <b>1995</b> , 128, 1055-1058		4
37	Wissenschaft aktuell. <i>Chemie in Unserer Zeit</i> , <b>1995</b> , 29, 94-99	0.2	
36	Polymers with Complexed Cyclobutadiene Units in the Main Chain: The First Example of a Thermotropic, Liquid Crystalline Organometallic Polymer. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 569-571		152
35	Synthesis and characterization of a poly[(para-cyclobutadienylencyclopentadienylcobalt)butadiynylene], a butadiynecyclobutadiene copolymer. <i>Macromolecular Rapid Communications</i> , <b>1994</b> , 15, 785-789	4.8	35
34	Polyynes—Fascinating Monomers for the Construction of Carbon Networks?**. <i>Angewandte Chemie International Edition in English</i> , <b>1994</b> , 33, 1073-1076		74

33	Star-Shaped Tricarbonyl(cyclobutadiene)iron and Cymantrene Complexes: Building Blocks for Carbon Nets and Organometallic Construction Sets?. <i>Organometallics</i> , <b>1994</b> , 13, 3823-3833	3.8	86
32	Reaction of 1-(Halomethyl)bicyclo[1.1.1]pentanes with Strong Bases: Evidence for a Carbene-Bridgehead Olefin-Carbene Rearrangement. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 7637-7641	16.4	13
31	Synthesis and Characterization of Diethynylated Tricarbonyl(cyclobutadiene)iron Complexes: The ortho-Lithiation Concept. <i>Organometallics</i> , <b>1994</b> , 13, 4649-4651	3.8	16
30	Direct lithiation of (cyclobutadiene)tricarbonyliron and ((trimethylsilyl)cyclobutadiene)tricarbonyliron with sec-butyllithium: selective para metalation. <i>Organometallics</i> , <b>1993</b> , 12, 3594-3597	3.8	8
29	(Alkynylcyclobutadiene)tricarbonyliron: new organometallic alkynes. <i>Organometallics</i> , <b>1993</b> , 12, 3792-3798	3.8	18
28	Tricarbonyl[eta.5-(1-5)-pentakis(propyn-1-yl)cyclopentadienyl]manganese. <i>Organometallics</i> , <b>1993</b> , 12, 4745-4747	3.8	51
27	The First Complex with a Tetraethynylcyclobutadiene Ligand. <i>Angewandte Chemie International Edition in English</i> , <b>1993</b> , 32, 1653-1655		41
26	Der erste Komplex mit einem Tetraethynylcyclobutadien-Liganden**. <i>Angewandte Chemie</i> , <b>1993</b> , 105, 1712-1714	3.6	3
25	Regiochemistry of the bisosmylation of fullerene C60: ortho, meta, and para in three dimensions. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 7954-7955	16.4	64
24	Tetraalkynylmethanes: Synthesis of Diethynyl-dipropargyl- and Tetrapropargylmethane. <i>Angewandte Chemie International Edition in English</i> , <b>1992</b> , 31, 1648-1651		15
23	Reduction of [1.1.1]propellane with lithium 4,4'-Di- <i>t</i> -butylbiphenyl: Bicyclo[1.1.1]pent-1,3-diydilithium. <i>Tetrahedron Letters</i> , <b>1990</b> , 31, 651-652	2	20
22	The Bicyclo[1.1.1]pentane Framework—An Excellent Relay for $\pi$ Conjugation. <i>Angewandte Chemie International Edition in English</i> , <b>1990</b> , 29, 413-415		25
21	Concerning the Synthesis of [1.1.1]Propellane. <i>Chemische Berichte</i> , <b>1989</b> , 122, 397-398		54
20	Synthesis of 1-alkynylbicyclo[1.1.1]pentanes. <i>Tetrahedron Letters</i> , <b>1989</b> , 30, 2087-2088	2	17
19	Brückenkopf-gekoppelte Bicyclo[1.1.1]pentane: Synthese und Struktur. <i>Chemische Berichte</i> , <b>1988</b> , 121, 1785-1790		41
18	Crystal Structure and Electron-Density Distribution of Two [1.1.1] Propellane Derivatives at 81 K. <i>Helvetica Chimica Acta</i> , <b>1988</b> , 71, 2100-2110	2	29
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