

Frank Wrthner

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632
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h-index

186
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677
ext. papers

49,969
ext. citations

9.2
avg, IF

8.17
L-index

#	Paper	IF	Citations
632	Perylene bisimide dyes as versatile building blocks for functional supramolecular architectures. <i>Chemical Communications</i> , 2004 , 1564-79	5.8	1891
631	J-aggregates: from serendipitous discovery to supramolecular engineering of functional dye materials. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 3376-410	16.4	1692
630	Perylene Bisimide Dye Assemblies as Archetype Functional Supramolecular Materials. <i>Chemical Reviews</i> , 2016 , 116, 962-1052	68.1	1004
629	Self-assembled pi-stacks of functional dyes in solution: structural and thermodynamic features. <i>Chemical Society Reviews</i> , 2009 , 38, 564-84	58.5	804
628	Self-sorting phenomena in complex supramolecular systems. <i>Chemical Reviews</i> , 2011 , 111, 5784-814	68.1	617
627	High-performance air-stable n-channel organic thin film transistors based on halogenated perylene bisimide semiconductors. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6215-28	16.4	553
626	Fluorescent J-type aggregates and thermotropic columnar mesophases of perylene bisimide dyes. <i>Chemistry - A European Journal</i> , 2001 , 7, 2245-53	4.8	551
625	Photoluminescence and conductivity of self-assembled pi-pi stacks of perylene bisimide dyes. <i>Chemistry - A European Journal</i> , 2007 , 13, 436-49	4.8	517
624	Vesicular perylene dye nanocapsules as supramolecular fluorescent pH sensor systems. <i>Nature Chemistry</i> , 2009 , 1, 623-9	17.6	515
623	Powering the future of molecular artificial photosynthesis with light-harvesting metallosupramolecular dye assemblies. <i>Chemical Society Reviews</i> , 2013 , 42, 1847-70	58.5	459
622	Naphthalene and perylene diimides for organic transistors. <i>Chemical Communications</i> , 2011 , 47, 5109-15	5.8	455
621	Metallosupramolecular squares: from structure to function. <i>Chemical Society Reviews</i> , 2004 , 33, 133-46	58.5	420
620	Supramolecular construction of fluorescent J-aggregates based on hydrogen-bonded perylene dyes. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5541-4	16.4	403
619	Molecular assemblies of perylene bisimide dyes in water. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6328-48	16.4	383
618	Supramolecular p-n-heterojunctions by co-self-organization of oligo(p-phenylene vinylene) and perylene bisimide dyes. <i>Journal of the American Chemical Society</i> , 2004 , 126, 10611-8	16.4	383
617	Morphology control of fluorescent nanoaggregates by co-self-assembly of wedge- and dumbbell-shaped amphiphilic perylene bisimides. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4886-7	16.4	371
616	Control of H- and J-type pi stacking by peripheral alkyl chains and self-sorting phenomena in perylene bisimide homo- and heteroaggregates. <i>Chemistry - A European Journal</i> , 2008 , 14, 11343-57	4.8	370

615	Photoproduction of proton gradients with pi-stacked fluorophore scaffolds in lipid bilayers. <i>Science</i> , 2006 , 313, 84-6	33.3	361
614	Mechanism of self-assembly process and seeded supramolecular polymerization of perylene bisimide organogelator. <i>Journal of the American Chemical Society</i> , 2015 , 137, 3300-7	16.4	326
613	Effect of core twisting on self-assembly and optical properties of perylene bisimide dyes in solution and columnar liquid crystalline phases. <i>Chemistry - A European Journal</i> , 2007 , 13, 450-65	4.8	325
612	A crystal-engineered hydrogen-bonded octachloroperylene diimide with a twisted core: an n-channel organic semiconductor. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 740-3	16.4	311
611	Fluorescent H-aggregates of merocyanine dyes. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 7026-30	16.4	310
610	Organic Semiconductors based on Dyes and Color Pigments. <i>Advanced Materials</i> , 2016 , 28, 3615-45	24	298
609	Fluorescent J-aggregates of core-substituted perylene bisimides: studies on structure-property relationship, nucleation-elongation mechanism, and sergeants-and-soldiers principle. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6719-32	16.4	292
608	Preparation and characterization of regioisomerically pure 1,7-disubstituted perylene bisimide dyes. <i>Journal of Organic Chemistry</i> , 2004 , 69, 7933-9	4.2	291
607	Dimerization of merocyanine dyes. Structural and energetic characterization of dipolar dye aggregates and implications for nonlinear optical materials. <i>Journal of the American Chemical Society</i> , 2002 , 124, 9431-47	16.4	276
606	Strategies for the synthesis of functional naphthalene diimides. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7428-48	16.4	274
605	Photoinduced electron transfer in hydrogen-bonded oligo(p-phenylene vinylene)-perylene bisimide chiral assemblies. <i>Journal of the American Chemical Society</i> , 2002 , 124, 10252-3	16.4	267
604	Exciton trapping in pi-conjugated materials: a quantum-chemistry-based protocol applied to perylene bisimide dye aggregates. <i>Journal of the American Chemical Society</i> , 2008 , 130, 12858-9	16.4	258
603	Transformation from H- to J-aggregated perylene bisimide dyes by complexation with cyanurates. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 3367-71	16.4	255
602	Metallosupramolecular approach toward functional coordination polymers. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 4981-4995	2.5	251
601	Fluorescent Supramolecular Polymers: Metal Directed Self-Assembly of Perylene Bisimide Building Blocks. <i>Macromolecules</i> , 2005 , 38, 1315-1325	5.5	244
600	Tetrachloro-substituted perylene bisimide dyes as promising n-type organic semiconductors: studies on structural, electrochemical and charge transport properties. <i>ChemPhysChem</i> , 2004 , 5, 137-40	3.2	242
599	J-Aggregate: von ihrer zufälligen Entdeckung bis zum gezielten supramolekularen Aufbau funktioneller Farbstoffmaterialien. <i>Angewandte Chemie</i> , 2011 , 123, 3436-3473	3.6	241
598	Core-substituted naphthalene bisimides: new fluorophors with tunable emission wavelength for FRET studies. <i>Chemistry - A European Journal</i> , 2002 , 8, 4742-50	4.8	236

597	All-in-one visible-light-driven water splitting by combining nanoparticulate and molecular co-catalysts on CdS nanorods. <i>Nature Energy</i> , 2018 , 3, 862-869	62.3	225
596	Core-Fluorinated Perylene Bisimide Dyes: Air Stable n-Channel Organic Semiconductors for Thin Film Transistors with Exceptionally High On-to-Off Current Ratios. <i>Advanced Materials</i> , 2007 , 19, 3692-3695	24.5	223
595	Plastic Transistors Reach Maturity for Mass Applications in Microelectronics. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 1037-1039	16.4	219
594	Photoconductive Cathode Interlayer for Highly Efficient Inverted Polymer Solar Cells. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6995-8	16.4	216
593	Outstanding short-circuit currents in BHJ solar cells based on NIR-absorbing acceptor-substituted squaraines. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8776-9	16.4	214
592	Efficient solution-processed bulk heterojunction solar cells by antiparallel supramolecular arrangement of dipolar donor-acceptor dyes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11628-32	16.4	210
591	High-Performance Air-Stable n-Type Organic Transistors Based on Core-Chlorinated Naphthalene Tetracarboxylic Diimides. <i>Advanced Functional Materials</i> , 2010 , 20, 2148-2156	15.6	210
590	Systems chemistry approach in organic photovoltaics. <i>Chemistry - A European Journal</i> , 2010 , 16, 9366-73	4.8	205
589	Dye-Based Organogels: Stimuli-Responsive Soft Materials Based on One-Dimensional Self-Assembling Aromatic Dyes	119-160	203
588	Synthesis and optical and redox properties of core-substituted naphthalene diimide dyes. <i>Journal of Organic Chemistry</i> , 2006 , 71, 8098-105	4.2	199
587	Intercalation of Organic Dye Molecules into Double-Stranded DNA -- General Principles and Recent Developments	161-200	198
586	Chromophore design for photorefractive organic materials. <i>ChemPhysChem</i> , 2002 , 3, 17-31	3.2	195
585	One-dimensional luminescent nanoaggregates of perylene bisimides. <i>Chemical Communications</i> , 2006 , 1188-90	5.8	193
584	Hierarchical Organization of Functional Perylene Chromophores to Mesoscopic Superstructures by Hydrogen Bonding and π -Interactions. <i>Advanced Materials</i> , 1999 , 11, 754-758	24	192
583	Highly fluorescent and electroactive molecular squares containing perylene bisimide ligands. <i>Chemical Communications</i> , 2000 , 445-446	5.8	177
582	Exciton Transport in Molecular Aggregates -- From Natural Antennas to Synthetic Chromophore Systems. <i>Advanced Energy Materials</i> , 2017 , 7, 1700236	21.8	173
581	Bay-substituted perylene bisimides: Twisted fluorophores for supramolecular chemistry. <i>Pure and Applied Chemistry</i> , 2006 , 78, 2341-2349	2.1	171
580	Ultrafast energy-electron transfer cascade in a multichromophoric light-harvesting molecular square. <i>Journal of the American Chemical Society</i> , 2005 , 127, 6719-29	16.4	171

579	Supramolecular polymerization through kinetic pathway control and living chain growth. <i>Nature Reviews Chemistry</i> , 2020 , 4, 38-53	34.6	169
578	Wavelength-dependent electron and energy transfer pathways in a side-to-face ruthenium porphyrin/perylene bisimide assembly. <i>Journal of the American Chemical Society</i> , 2005 , 127, 1454-62	16.4	167
577	Chlorophyll J-aggregates: from bioinspired dye stacks to nanotubes, liquid crystals, and biosupramolecular electronics. <i>Accounts of Chemical Research</i> , 2013 , 46, 2498-512	24.3	166
576	Toward fluorescent memories with nondestructive readout: photoswitching of fluorescence by intramolecular electron transfer in a diaryl ethene-perylene bisimide photochromic system. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 6616-9	16.4	166
575	Impact of Alkyl Spacer Length on Aggregation Pathways in Kinetically Controlled Supramolecular Polymerization. <i>Journal of the American Chemical Society</i> , 2016 , 138, 670-8	16.4	165
574	Bulk heterojunction organic solar cells based on merocyanine colorants. <i>Chemical Communications</i> , 2008 , 6489-91	5.8	165
573	Hierarchical self-organization of perylene bisimide--melamine assemblies to fluorescent mesoscopic superstructures. <i>Chemistry - A European Journal</i> , 2000 , 6, 3871-86	4.8	165
572	Supramolecular stereomutation in kinetic and thermodynamic self-assembly of helical merocyanine dye nanorods. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5071-4	16.4	164
571	Core-tetrasubstituted naphthalene diimides: synthesis, optical properties, and redox characteristics. <i>Journal of Organic Chemistry</i> , 2007 , 72, 8070-5	4.2	163
570	A Black Perylene Bisimide Super Gelator with an Unexpected J-Type Absorption Band. <i>Advanced Materials</i> , 2008 , 20, 1695-1698	24	161
569	Synthesis and characterization of optical and redox properties of bithiophene-functionalized diketopyrrolopyrrole chromophores. <i>Journal of Organic Chemistry</i> , 2011 , 76, 2426-32	4.2	159
568	Highly fluorescent lyotropic mesophases and organogels based on J-aggregates of core-twisted perylene bisimide dyes. <i>Chemistry - A European Journal</i> , 2008 , 14, 8074-8	4.8	158
567	On the geometry dependence of molecular dimer spectra with an application to aggregates of perylene bisimide. <i>Chemical Physics</i> , 2006 , 328, 354-362	2.3	157
566	Influence of intermolecular orientation on the photoinduced charge transfer kinetics in self-assembled aggregates of donor-acceptor arrays. <i>Journal of the American Chemical Society</i> , 2006 , 128, 649-57	16.4	156
565	Impact of mesoscale order on open-circuit voltage in organic solar cells. <i>Nature Materials</i> , 2015 , 14, 434-97		154
564	Supramolecular polymerization and gel formation of bis(merocyanine) dyes driven by dipolar aggregation. <i>Journal of the American Chemical Society</i> , 2004 , 126, 8336-48	16.4	153
563	A supramolecular ruthenium macrocycle with high catalytic activity for water oxidation that mechanistically mimics photosystem II. <i>Nature Chemistry</i> , 2016 , 8, 576-83	17.6	153
562	Dipole-Dipole Interaction Driven Self-Assembly of Merocyanine Dyes: From Dimers to Nanoscale Objects and Supramolecular Materials. <i>Accounts of Chemical Research</i> , 2016 , 49, 868-76	24.3	150

561	Supramolecular block copolymers by kinetically controlled co-self-assembly of planar and core-twisted perylene bisimides. <i>Nature Communications</i> , 2015 , 6, 7009	17.4	149
560	Aggregation-Induced Emission (AIE): A Historical Perspective. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14192-14196	16.4	149
559	Control of ambipolar thin film architectures by co-self-assembling oligo(p-phenylenevinylene)s and perylene bisimides. <i>Journal of the American Chemical Society</i> , 2006 , 128, 9535-40	16.4	148
558	Self-assembly of ferrocene-functionalized perylene bisimide bridging ligands with Pt(II) corner to electrochemically active molecular squares. <i>Journal of the American Chemical Society</i> , 2003 , 125, 9716-25	16.4	147
557	A triangle-square equilibrium of metallosupramolecular assemblies based on pd(II) and pt(II) corners and diazadibenzoperylene bridging ligands. <i>Journal of the American Chemical Society</i> , 2001 , 123, 5424-30	16.4	145
556	Functional organogels from highly efficient organogelator based on perylene bisimide semiconductor. <i>Chemical Communications</i> , 2006 , 3871-3	5.8	144
555	Chlorins Programmed for Self-Assembly		143
554	Highly ordered merocyanine dye assemblies by supramolecular polymerization and hierarchical self-organization. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 3247-50	16.4	143
553	Effects of bay substituents on the racemization barriers of perylene bisimides: resolution of atropo-enantiomers. <i>Journal of the American Chemical Society</i> , 2007 , 129, 14319-26	16.4	142
552	Highly fluorescent water-soluble polyglycerol-dendronized perylene bisimide dyes. <i>Chemical Communications</i> , 2010 , 46, 1884-6	5.8	141
551	Solvent and substituent effects on aggregation constants of perylene bisimide π -stacks—a linear free energy relationship analysis. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 5845-55	3.9	140
550	Air-stable n-channel organic single crystal field-effect transistors based on microribbons of core-chlorinated naphthalene diimide. <i>Advanced Materials</i> , 2013 , 25, 6951-5	24	139
549	Giant electroactive M4L6 tetrahedral host self-assembled with Fe(II) vertices and perylene bisimide dye edges. <i>Journal of the American Chemical Society</i> , 2013 , 135, 15656-61	16.4	139
548	Exciton delocalization and dynamics in helical π -stacks of self-assembled perylene bisimides. <i>Chemical Science</i> , 2013 , 4, 388-397	9.4	138
547	Simple, Highly Efficient Vacuum-Processed Bulk Heterojunction Solar Cells Based on Merocyanine Dyes. <i>Advanced Energy Materials</i> , 2011 , 1, 888-893	21.8	137
546	Air-stable n-channel organic thin-film transistors with high field-effect mobility based on N,N'-bis(heptafluorobutyl)-3,4:9,10-perylene diimide. <i>Applied Physics Letters</i> , 2007 , 91, 212107	3.4	137
545	Fluorescent and electroactive cyclic assemblies from perylene tetracarboxylic acid bisimide ligands and metal phosphane triflates. <i>Chemistry - A European Journal</i> , 2001 , 7, 894-902	4.8	137
544	Helical growth of semiconducting columnar dye assemblies based on chiral perylene bisimides. <i>Organic Letters</i> , 2007 , 9, 1085-8	6.2	136

543	Selective Synthesis of β -Substituted Oligothiophenes. <i>Synthesis</i> , 1993 , 1993, 1099-1103	2.9	136
542	One-dimensional exciton diffusion in perylene bisimide aggregates. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 648-54	2.8	135
541	Synthesis and Solvatochromic Properties of Donor-Acceptor-Substituted Oligothiophenes. <i>Journal of Organic Chemistry</i> , 1995 , 60, 2082-2091	4.2	132
540	Progress in the synthesis of perylene bisimide dyes. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 1272-1318	5.2	131
539	Efficient energy transfer from peripheral chromophores to the self-assembled zinc chlorin rod antenna: a bioinspired light-harvesting system to bridge the "green gap". <i>Journal of the American Chemical Society</i> , 2006 , 128, 6542-3	16.4	127
538	Single-crystal field-effect transistors of new ClENDI polymorph processed by sublimation in air. <i>Nature Communications</i> , 2015 , 6, 5954	17.4	125
537	Supramolecular adducts of squaraine and protein for noninvasive tumor imaging and photothermal therapy in vivo. <i>Biomaterials</i> , 2014 , 35, 1004-14	15.6	125
536	Self-assembly of semiconductor organogelator nanowires for photoinduced charge separation. <i>ACS Nano</i> , 2009 , 3, 1107-14	16.7	123
535	Supramolecular Construction of Fluorescent J-Aggregates Based on Hydrogen-Bonded Perylene Dyes. <i>Angewandte Chemie</i> , 2007 , 119, 5637-5640	3.6	123
534	Direct observation of ultrafast coherent exciton dynamics in helical β -stacks of self-assembled perylene bisimides. <i>Nature Communications</i> , 2015 , 6, 8646	17.4	122
533	Collective fluorescence blinking in linear J-aggregates assisted by long-distance exciton migration. <i>Nano Letters</i> , 2010 , 10, 620-6	11.5	122
532	Chiral Perylene Bisimide/Melamine Assemblies: Hydrogen Bond-Directed Growth of Helically Stacked Dyes with Chiroptical Properties. <i>Advanced Functional Materials</i> , 2002 , 12, 209	15.6	121
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529	Light-Switchable Catalysis in Synthetic Receptors. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 446-448		118
528	Spectroscopic Demonstration of Exciton Dynamics and Excimer Formation in a Sterically Controlled Perylene Bisimide Dimer Aggregate. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 3601-7	6.4	117
527	Tailored merocyanine dyes for solution-processed BHJ solar cells. <i>Journal of Materials Chemistry</i> , 2010 , 20, 240-243		117
526	Electronic and crystal engineering of acenes for solution-processible self-assembling organic semiconductors. <i>ChemPhysChem</i> , 2006 , 7, 793-7	3.2	117

- 525 Anthrylologothiienylporphyrins: Energy Transfer and Light-Harvesting Systems. *Chemistry - A European Journal*, **1998**, 4, 260-269 4.8 116
- 524 Photoluminescent supramolecular polymers: metal-ion directed polymerization of terpyridine-functionalized perylene bisimide dyes. *Chemical Communications*, **2002**, 1878-9 5.8 116
- 523 Microtubular Self-Assembly of Covalent Organic Frameworks. *Angewandte Chemie - International Edition*, **2018**, 57, 846-850 16.4 114
- 522 5-Dimethylamino-5'-nitro-2,2'-bithiophene—New Dye with Pronounced Positive Solvatochromism. *Angewandte Chemie International Edition in English*, **1993**, 32, 719-721 114
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- 520 Two-dimensional self-assembly into multicomponent hydrogen-bonded nanostructures. *Nano Letters*, **2005**, 5, 77-81 11.5 112
- 519 Reversible self-organization of semisynthetic zinc chlorins into well-defined rod antennae. *Angewandte Chemie - International Edition*, **2005**, 44, 3147-51 16.4 112
- 518 Ultrafast bidirectional photoswitching of a spiropyran. *Journal of the American Chemical Society*, **2010**, 132, 16510-9 16.4 111
- 517 Ultrafast Exciton Self-Trapping upon Geometry Deformation in Perylene-Based Molecular Aggregates. *Journal of Physical Chemistry Letters*, **2013**, 4, 792-6 6.4 110
- 516 Self-assembled zinc chlorin rod antennae powered by peripheral light-harvesting chromophores. *Journal of the American Chemical Society*, **2008**, 130, 5929-39 16.4 110
- 515 Living Supramolecular Polymerization of a Perylene Bisimide Dye into Fluorescent J-Aggregates. *Angewandte Chemie - International Edition*, **2017**, 56, 16008-16012 16.4 109
- 514 Dipolar Dye Aggregates: A Problem for Nonlinear Optics, but a Chance for Supramolecular Chemistry. *Angewandte Chemie - International Edition*, **2000**, 39, 1978-1981 16.4 109
- 513 Evolution of homochiral helical dye assemblies: involvement of autocatalysis in the "majority-rules" effect. *Angewandte Chemie - International Edition*, **2008**, 47, 1232-6 16.4 108
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- 508 Computational and spectroscopic studies of organic mixed-valence compounds: where is the charge?. *Physical Chemistry Chemical Physics*, **2011**, 13, 16973-86 3.6 102

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506	Energy transfer in calixarene-based cofacial-positioned perylene bisimide arrays. <i>Journal of the American Chemical Society</i> , 2006 , 128, 3870-1	16.4	101
505	ATOP dyes. optimization of a multifunctional merocyanine chromophore for high refractive index modulation in photorefractive materials. <i>Journal of the American Chemical Society</i> , 2001 , 123, 2810-24	16.4	101
504	High-performance organic thin-film transistors of J-stacked squaraine dyes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2351-62	16.4	97
503	Gelation of a highly fluorescent urea-functionalized perylene bisimide dye. <i>Organic Letters</i> , 2005 , 7, 967-70		97
502	Direct Observation of Excimer-Mediated Intramolecular Electron Transfer in a Cofacially-Stacked Perylene Bisimide Pair. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9029-32	16.4	94
501	Understanding ground- and excited-state properties of perylene tetracarboxylic acid bisimide crystals by means of quantum chemical computations. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15660-8	16.4	94
500	Solvent effect on color, band shape, and charge-density distribution for merocyanine dyes close to the cyanine limit. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4529-32	16.4	94
499	Facile Synthesis of 3-(Haloalkyl)thiophenes as Key Building Blocks for Functionalized Thiophenes and Polythiophenes. <i>Angewandte Chemie International Edition in English</i> , 1990 , 29, 419-420		94
498	Biphasic self-assembly pathways and size-dependent photophysical properties of perylene bisimide dye aggregates. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18722-5	16.4	93
497	Merocyanine/C60 Planar Heterojunction Solar Cells: Effect of Dye Orientation on Exciton Dissociation and Solar Cell Performance. <i>Advanced Functional Materials</i> , 2012 , 22, 86-96	15.6	92
496	Electrooptical Chromophores for Nonlinear Optical and Photorefractive Applications. <i>Advanced Materials</i> , 1999 , 11, 536-541	24	91
495	Bright Fluorescence and Host-Guest Sensing with a Nanoscale M ₄ L ₂ Tetrahedron Accessed by Self-Assembly of Zinc-Imine Chelate Vertices and Perylene Bisimide Edges. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7285-9	16.4	90
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492	Perylene bisimide dimer aggregates: fundamental insights into self-assembly by NMR and UV/Vis spectroscopy. <i>Chemistry - A European Journal</i> , 2012 , 18, 13665-77	4.8	90
491	A core-extended naphthalene diimide as a p-channel semiconductor. <i>Chemical Communications</i> , 2011 , 47, 11504-6	5.8	90
490	A Perylene Bisimide Cyclophane as a "Turn-On" and "Turn-Off" Fluorescence Probe. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10165-8	16.4	87

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- 486 Diketopyrrolopyrrole as a p-channel organic semiconductor for high performance OTFTs. *Chemical Communications*, **2011**, 47, 1767-9 5.8 85
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