Ayyappanpillai Ajayaghosh

List of Publications by Year in Descending Order

180 papers	15,658 citations	66 h-index	122 g-index
203 ext. papers	16,552 ext. citations	10.1 avg, IF	7.07 L-index

#	Paper	IF	Citations
180	Tweaking a BODIPY Spherical Self-Assembly to 2D Supramolecular Polymers Facilitates Excited-State Cascade Energy Transfer. *Angewandte Chemie - International Edition*, **2021**, 60, 7851-7859	16.4	16
179	Thermochromic Color Switching to Temperature Controlled Volatile Memory and Counter Operations with Metal□Organic Complexes and Hybrid Gels. *Angewandte Chemie*, **2021**, 133, 459-469	3.6	0
178	Thermochromic Color Switching to Temperature Controlled Volatile Memory and Counter Operations with Metal-Organic Complexes and Hybrid Gels. *Angewandte Chemie - International Edition*, **2021**, 60, 455-465	16.4	10
177	Ligand-Controlled Electrochromic Diversification with Multilayer Coated Metallosupramolecular Polymer Assemblies. *ACS Applied Materials & Interfaces*, **2021**, 13, 5245-5255	9.5	5
176	Structural Integration of Carbazole and Tetraphenylethylene: Ultrafast Excited-State Relaxation Dynamics and Efficient Electroluminescence. *Advanced Photonics Research*, **2021**, 2, 2000144	1.9	2
175	Tweaking a BODIPY Spherical Self-Assembly to 2D Supramolecular Polymers Facilitates Excited-State Cascade Energy Transfer. *Angewandte Chemie*, **2021**, 133, 7930-7938	3.6	2
174	Diketopyrrolopyrrole-based functional supramolecular polymers: next-generation materials for optoelectronic applications. *Materials Today Chemistry*, **2020**, 16, 100242	6.2	23
173	Self-Assembled Extended □Systems for Sensing and Security Applications. *Accounts of Chemical Research*, **2020**, 53, 496-507	24.3	52
172	Enhanced Emission in Self-Assembled Phenyleneethynylene Derived □Gelators. *Advanced Optical Materials*, **2020**, 8, 2000173	8.1	13
171	Supramolecular Surface Charge Regulation in Ionic Covalent Organic Nanosheets: Reversible Exfoliation and Controlled Bacterial Growth. *Angewandte Chemie*, **2020**, 132, 8791-8797	3.6	5
170	Supramolecular Surface Charge Regulation in Ionic Covalent Organic Nanosheets: Reversible Exfoliation and Controlled Bacterial Growth. *Angewandte Chemie - International Edition*, **2020**, 59, 8713-8719	16.4	33
169	A new pentacyclic pyrylium fluorescent probe that responds to pH imbalance during apoptosis. *Chemical Science*, **2020**, 11, 12695-12700	9.4	13
168	Silicon Shadow Mask Technology for Aligning and Sorting of Semiconducting SWNTs for Sensitivity Enhancement: A Case Study of NO Gas Sensor. *ACS Applied Materials & Interfaces*, **2020**, 12, 40901-40909	9.5	4
167	Regulating Back Electron Transfer through Donor and □Spacer Alterations in Benzothieno[3,2-b]indole-based Dye-sensitized Solar Cells. *Chemistry - an Asian Journal*, **2020**, 15, 3503-3512	4.5	8
166	Metal ion-induced capacitance modulation in near-isostructural complexes-derived electrochromic coordination polymers. *Materials Today Chemistry*, **2020**, 16, 100260	6.2	3
165	A self-recovering mechanochromic chiral □gelator. *Journal of Materials Chemistry C*, **2019**, 7, 1292-1297	7.1	22
164	Controlling the Supramolecular Polymerization of Donor-Acceptor □Systems through Hydrogen Bond Intervention. *ChemPlusChem*, **2019**, 84, 1405-1412	2.8	3

163	Solution Processable Deep-Red Phosphorescent Pt(II) Complex: Direct Conversion from Its Pt(IV) Species via a Base-Promoted Reduction. *ACS Applied Electronic Materials*, **2019**, 1, 1304-1313	4	8
162	Bimodal detection of carbon dioxide using fluorescent molecular aggregates. *Chemical Communications*, **2019**, 55, 6046-6049	5.8	11
161	Supramolecular Gel Phase Controlled [4 + 2] Diels-Alder Photocycloaddition for Electroplex Mediated White Electroluminescence. *Journal of the American Chemical Society*, **2019**, 141, 5635-5639	16.4	26
160	Hybrid Materials from Poly(vinyl chloride) and Organogels. *ACS Applied Polymer Materials*, **2019**, 1, 1203-1208	4.3	6
159	Charge Carrier Polarity Modulation in Diketopyrrolopyrrole-Based Low Band Gap Semiconductors by Terminal Functionalization. *ACS Applied Materials & Interfaces*, **2019**, 11, 1088-1095	9.5	13
158	pH-Controlled Nanoparticles Formation and Tracking of Lysosomal Zinc Ions in Cancer Cells by Fluorescent Carbazole□Bipyridine Conjugates. *ChemistrySelect*, **2018**, 3, 2416-2422	1.8	5
157	Transforming a -Symmetrical Liquid Crystal to a □Gelator by Alkoxy Chain Variation. *ACS Omega*, **2018**, 3, 4392-4399	3.9	9
156	Hybrid materials of 1D and 2D carbon allotropes and synthetic □systems. *NPG Asia Materials*, **2018**, 10, 107-126	10.3	32
155	A Hybrid Organogel of a Low Band Gap Diketopyrrolopyrrole with PC71BM: Phase Separated Morphology and Enhanced Photoconductivity. *ChemNanoMat*, **2018**, 4, 831-836	3.5	10
154	Supramolecular Reassembly of Self-Exfoliated Ionic Covalent Organic Nanosheets for Label-Free Detection of Double-Stranded DNA. *Angewandte Chemie - International Edition*, **2018**, 57, 8443-8447	16.4	85
153	Self-Assembly of Bodipy-Derived Extended □Systems. *Bulletin of the Chemical Society of Japan*, **2018**, 91, 100-120	5.1	74
152	Supramolecular Reassembly of Self-Exfoliated Ionic Covalent Organic Nanosheets for Label-Free Detection of Double-Stranded DNA. *Angewandte Chemie*, **2018**, 130, 8579-8583	3.6	23
151	Real Time Imaging and Dynamics of Hippocampal Zn under Epileptic Condition Using a Ratiometric Fluorescent Probe. *Scientific Reports*, **2018**, 8, 9069	4.9	15
150	Chapter 7:Stimuli-responsive Supramolecular Gels. *Monographs in Supramolecular Chemistry*, **2018**, 190-226	2.1	7
149	Enzyme-Driven Switchable Fluorescence-SERS Diagnostic Nanococktail for the Multiplex Detection of Lung Cancer Biomarkers. *ACS Applied Materials & Interfaces*, **2018**, 10, 38807-38818	9.5	32
148	Intramolecular Exciton-Coupled Squaraine Dyes for Dye-Sensitized Solar Cells. *Journal of Physical Chemistry C*, **2018**, 122, 21745-21754	3.8	29
147	A Cyclometalated Ir Complex as a Lysosome-Targeted Photodynamic Therapeutic Agent for Integrated Imaging and Therapy in Cancer Cells. *Chemistry - A European Journal*, **2018**, 24, 10999-11007	4.8	39
146	Stepwise control of host-guest interaction using a coordination polymer gel. *Nature Communications*, **2018**, 9, 1987	17.4	37

145	An unprecedented amplification of near-infrared emission in a Bodipy derived system by stress or gelation. *Chemical Science*, **2017**, 8, 5644-5649	9.4	44
144	A Ratiometric Near-Infrared Fluorogen for the Real Time Visualization of Intracellular Redox Status during Apoptosis. *Chemistry - A European Journal*, **2017**, 23, 7191-7195	4.8	21
143	Nanosheets of an Organic Molecular Assembly from Aqueous Medium Exhibit High Solid-State Emission and Anisotropic Charge-Carrier Mobility. *Advanced Materials*, **2017**, 29, 1605408	24	66
142	Creation of Rose Petal and Lotus Leaf Effects on Alumina by Surface Functionalization and Metal-Ion Coordination. *Angewandte Chemie*, **2017**, 129, 16234-16238	3.6	9
141	Creation of "Rose Petal" and "Lotus Leaf" Effects on Alumina by Surface Functionalization and Metal-Ion Coordination. *Angewandte Chemie - International Edition*, **2017**, 56, 16018-16022	16.4	22
140	A Supramolecular Nanocomposite as a Near-Infrared-Transmitting Optical Filter for Security and Forensic Applications. *Advanced Materials*, **2017**, 29, 1703783	24	34
139	Self-Assembly in Sensor Nanotechnology **2017**, 297-320		4
138	An Unsymmetrical Squaraine-Dye-Based Chemical Platform for Multiple Analyte Recognition. *Chemistry - A European Journal*, **2017**, 23, 17973-17980	4.8	20
137	The Helix to Super-Helix Transition in the Self-Assembly of Systems: Superseding of Molecular Chirality at Hierarchical Level. *Angewandte Chemie*, **2017**, 129, 12808-12812	3.6	40
136	The Helix to Super-Helix Transition in the Self-Assembly of Systems: Superseding of Molecular Chirality at Hierarchical Level. *Angewandte Chemie - International Edition*, **2017**, 56, 12634-12638	16.4	85
135	Exfoliation of Reduced Graphene Oxide with Self-Assembled Gelators for Improved Electrochemical Performance. *ACS Applied Materials & Interfaces*, **2017**, 9, 19417-19426	9.5	19
134	Photokinetic study on remarkable excimer phosphorescence from heteroleptic cyclometalated platinum(ii) complexes bearing a benzoylated 2-phenylpyridinate ligand. *Physical Chemistry Chemical Physics*, **2017**, 20, 542-552	3.6	12
133	Conjugated Random Donor Acceptor Copolymers of [1]Benzothieno[3,2-b]benzothiophene and Diketopyrrolopyrrole Units for High Performance Polymeric Semiconductor Applications. *Macromolecules*, **2016**, 49, 6334-6342	5.5	29
132	Formation of Coaxial Nanocables with Amplified Supramolecular Chirality through an Interaction between Carbon Nanotubes and a Chiral Gelator. *Angewandte Chemie*, **2016**, 128, 10501-10505	3.6	9
131	Formation of Coaxial Nanocables with Amplified Supramolecular Chirality through an Interaction between Carbon Nanotubes and a Chiral Gelator. *Angewandte Chemie - International Edition*, **2016**, 55, 10345-9	16.4	19
130	A protein-dye hybrid system as a narrow range tunable intracellular pH sensor. *Chemical Science*, **2016**, 7, 6808-6814	9.4	20
129	A gel scaffold for assembling fullerene to photoconducting supramolecular rods. *Science Advances*, **2016**, 2, e1600142	14.3	42
128	The Chemistry and Applications of Gels. *Annual Review of Materials Research*, **2016**, 46, 235-262	12.8	128

127	Color-Tunable Cyano-Substituted Divinylene Arene Luminogens as Fluorescent Gelators. *Langmuir*, **2016**, 32, 284-9	4	37
126	A Three-Photon Active Organic Fluorophore for Deep Tissue Ratiometric Imaging of Intracellular Divalent Zinc. *Chemistry - an Asian Journal*, **2016**, 11, 1523-7	4.5	9
125	Real time monitoring of aminothiol level in blood using a near-infrared dye assisted deep tissue fluorescence and photoacoustic bimodal imaging. *Chemical Science*, **2016**, 7, 4110-4116	9.4	53
124	Supercoiled fibres of self-sorted donor-acceptor stacks: a turn-off/turn-on platform for sensing volatile aromatic compounds. *Chemical Science*, **2016**, 7, 4460-4467	9.4	71
123	Supramolecular chemistry. Living supramolecular polymerization. *Science*, **2015**, 349, 241-2	33.3	132
122	Fluorescence Imaging Assisted Photodynamic Therapy Using Photosensitizer-Linked Gold Quantum Clusters. *ACS Nano*, **2015**, 9, 5825-32	16.7	109
121	Light driven mesoscale assembly of a coordination polymeric gelator into flowers and stars with distinct properties. *Chemical Science*, **2015**, 6, 6583-6591	9.4	52
120	Organic donor-acceptor assemblies form coaxial p-n heterojunctions with high photoconductivity. *Angewandte Chemie - International Edition*, **2015**, 54, 946-50	16.4	122
119	Detection of nitroaromatic explosives with fluorescent molecular assemblies and gels. *Chemical Record*, **2015**, 15, 252-65	6.6	99
118	Pyridyl-Amides as a Multimode Self-Assembly Driver for the Design of a Stimuli-Responsive Gelator. *Chemistry - an Asian Journal*, **2015**, 10, 2250-6	4.5	28
117	Organic Donor Acceptor Assemblies form Coaxial p Heterojunctions with High Photoconductivity. *Angewandte Chemie*, **2015**, 127, 960-964	3.6	45
116	A slippery molecular assembly allows water as a self-erasable security marker. *Scientific Reports*, **2015**, 5, 9842	4.9	61
115	Near-IR squaraine dye-loaded gated periodic mesoporous organosilica for photo-oxidation of phenol in a continuous-flow device. *Science Advances*, **2015**, 1, e1500390	14.3	22
114	CHAPTER 11:Metallosupramolecular Materials for Energy Applications: Light Harvesting. *RSC Smart Materials*, **2015**, 318-344	0.6	6
113	Functional gelators and their applications. *Chemical Reviews*, **2014**, 114, 1973-2129	68.1	1375
112	A carbazole-fluorene molecular hybrid for quantitative detection of TNT using a combined fluorescence and quartz crystal microbalance method. *Physical Chemistry Chemical Physics*, **2014**, 16, 18896-901	3.6	38
111	Photoresponsive metal organic materials: exploiting the azobenzene switch. *Materials Horizons*, **2014**, 1, 572-576	14.4	62
110	A fluorescent molecular probe for the identification of zinc and cadmium salts by excited state charge transfer modulation. *Chemical Communications*, **2014**, 50, 6020-2	5.8	23

109	Electrochemical synthesis of a gold atomic cluster-chitosan nanocomposite film modified gold electrode for ultra-trace determination of mercury. *Physical Chemistry Chemical Physics*, **2014**, 16, 8529-35	3.6	21
108	A ratiometric fluorescent molecular probe with enhanced two-photon response upon Zn2+ binding for in vitro and in vivo bioimaging. *Chemical Science*, **2014**, 5, 3469-3474	9.4	63
107	Self-assembled near-infrared dye nanoparticles as a selective protein sensor by activation of a dormant fluorophore. *Journal of the American Chemical Society*, **2014**, 136, 13233-9	16.4	138
106	Oligo(phenylenevinylene) hybrids and self-assemblies: versatile materials for excitation energy transfer. *Chemical Society Reviews*, **2014**, 43, 4222-42	58.5	163
105	Cyclotriphosphazene appended porphyrins and fulleropyrrolidine complexes as supramolecular multiple photosynthetic reaction centers: steady and excited states photophysical investigation. *Physical Chemistry Chemical Physics*, **2014**, 16, 10149-56	3.6	14
104	Aligned 1-D nanorods of a gelator exhibit molecular orientation and excitation energy transport different from entangled fiber networks. *Journal of the American Chemical Society*, **2014**, 136, 8548-51	16.4	77
103	Effect of the bulkiness of the end functional amide groups on the optical, gelation, and morphological properties of oligo(p-phenylenevinylene) gelators. *Chemistry - an Asian Journal*, **2014**, 9, 1830-40	4.5	26
102	Electrochemically synthesized partially reduced graphene oxide modified glassy carbon electrode for individual and simultaneous voltammetric determination of ascorbic acid, dopamine and uric acid. *Analytical Methods*, **2014**, 6, 5322-5330	3.2	33
101	Ultrasound stimulated nucleation and growth of a dye assembly into extended gel nanostructures. *Chemistry - A European Journal*, **2013**, 19, 12991-3001	4.8	74
100	Luminescent and conductive supramolecular polymers obtained from an N-annulated perylenedicarboxamide. *Chemical Communications*, **2013**, 49, 9278-80	5.8	37
99	Chain folding controlled by an isomeric repeat unit: helix formation versus random aggregation in acetylene-bridged carbazole-bipyridine co-oligomers. *Chemistry - an Asian Journal*, **2013**, 8, 1579-86	4.5	4
98	Guided supramolecular polymerization of oligo(p-phenylenevinylene) functionalized bismelamines. *Chemical Communications*, **2013**, 49, 4941-3	5.8	14
97	A near-infrared fluorescent nanosensor (AuC@Urease) for the selective detection of blood urea. *Small*, **2013**, 9, 2673-7	11	60
96	Supramolecular gels and functional materials research in India. *Chimia*, **2013**, 67, 51-63	1.3	50
95	Self-assembled gelators for organic electronics. *Angewandte Chemie - International Edition*, **2012**, 51, 1766-76	16.4	464
94	Attogram sensing of trinitrotoluene with a self-assembled molecular gelator. *Journal of the American Chemical Society*, **2012**, 134, 4834-41	16.4	431
93	Heteroaromatic donors in donor-acceptor-donor based fluorophores facilitate zinc ion sensing and cell imaging. *Photochemical and Photobiological Sciences*, **2012**, 11, 1715-23	4.2	19
92	Thermally Assisted Photonic Inversion of Supramolecular Handedness. *Angewandte Chemie*, **2012**, 124, 10657-10661	3.6	63

91	Thermally assisted photonic inversion of supramolecular handedness. *Angewandte Chemie - International Edition*, **2012**, 51, 10505-9	16.4	167
90	Synthesis and properties of amphiphilic photoresponsive gelators for aromatic solvents. *Organic Letters*, **2012**, 14, 748-51	6.2	94
89	Light-induced Ostwald ripening of organic nanodots to rods. *Journal of the American Chemical Society*, **2012**, 134, 7227-30	16.4	67
88	Selbstorganisierte Gelbildner f□ die organische Elektronik. *Angewandte Chemie*, **2012**, 124, 1800-1810	3.6	121
87	Solvent-Free Luminescent Organic Liquids. *Angewandte Chemie*, **2012**, 124, 3447-3451	3.6	34
86	Solvent-free luminescent organic liquids. *Angewandte Chemie - International Edition*, **2012**, 51, 3391-5	16.4	152
85	Oligo(p-phenylene-ethynylene)-derived super-□gelators with tunable emission and self-assembled polymorphic structures. *Chemistry - an Asian Journal*, **2012**, 7, 2061-7	4.5	40
84	Excitation energy migration in oligo(p-phenylenevinylene) based organogels: structure-property relationship and FRET efficiency. *Physical Chemistry Chemical Physics*, **2011**, 13, 4942-9	3.6	73
83	Interaction of Carbon Nanotubes and Small Molecules **2011**, 381-406		5
82	Multiple analyte response and molecular logic operations by excited-state charge-transfer modulation in a bipyridine integrated fluorophore. *Chemistry - an Asian Journal*, **2011**, 6, 430-7	4.5	24
81	Solvent-mediated fiber growth in organogels. *Soft Matter*, **2011**, 7, 9311	3.6	35
80	A complementary guest induced morphology transition in a two-component multiple H-bonding self-assembly. *Chemical Communications*, **2010**, 46, 1076-8	5.8	50
79	A Zn2+-specific fluorescent molecular probe for the selective detection of endogenous cyanide in biorelevant samples. *Chemical Communications*, **2010**, 46, 6069-71	5.8	121
78	Self-assembly of thienylenevinylene molecular wires to semiconducting gels with doped metallic conductivity. *Journal of the American Chemical Society*, **2010**, 132, 13206-7	16.4	125
77	Solution phase epitaxial self-assembly and high charge-carrier mobility nanofibers of semiconducting molecular gelators. *Journal of the American Chemical Society*, **2010**, 132, 8866-7	16.4	158
76	Conformational control in a bipyridine linked □conjugated oligomer: cation mediated helix unfolding and refolding. *Chemical Communications*, **2010**, 46, 8392-4	5.8	10
75	Excited State Processes in Linear □System-Based Organogels. *Journal of Physical Chemistry Letters*, **2010**, 1, 3413-3424	6.4	158
74	Rational design of nanofibers and nanorings through complementary hydrogen-bonding interactions of functional pi systems. *Chemistry - A European Journal*, **2010**, 16, 8652-61	4.8	66

73	RGB Emission through Controlled Donor Self-Assembly and Modulation of Excitation Energy Transfer: A Novel Strategy to White-Light-Emitting Organogels. *Advanced Materials*, **2009**, 21, 2059-2063	24	252
72	Anisotropic Self-Assembly of Photoluminescent Oligo(p-Phenylenevinylene) Derivatives in Liquid Crystals: An Effective Strategy for the Macroscopic Alignment of Gels. *Advanced Materials*, **2009**, 21, 4029-4033	24	53
71	Probing the initial stages of molecular organization of oligo(p-phenylenevinylene) assemblies with monolayer protected gold nanoparticles. *Chemistry - an Asian Journal*, **2009**, 4, 840-8	4.5	33
70	Solvent-directed self-assembly of pi gelators to hierarchical macroporous structures and aligned fiber bundles. *Chemistry - an Asian Journal*, **2009**, 4, 824-9	4.5	56
69	Reversible self-assembly of entrapped fluorescent gelators in polymerized styrene gel matrix: erasable thermal imaging via recreation of supramolecular architectures. *Journal of the American Chemical Society*, **2009**, 131, 15122-3	16.4	133
68	Reversible transformation between rings and coils in a dynamic hydrogen-bonded self-assembly. *Journal of the American Chemical Society*, **2009**, 131, 5408-10	16.4	84
67	Role of complementary H-bonding interaction of a cyanurate in the self-assembly and gelation of melamine linked tri(p-phenyleneethynylene)s. *Chemical Communications*, **2009**, 5984-6	5.8	65
66	Squaraine dyes: a mine of molecular materials. *Journal of Materials Chemistry*, **2008**, 18, 264-274		333
65	Detection of zinc ions under aqueous conditions using chirality assisted solid-state fluorescence of a bipyridyl based fluorophore. *Chemical Communications*, **2008**, 2903-5	5.8	85
64	Controlled self-assembly of squaraines to 1D supramolecular architectures with high molar absorptivity. *Chemical Communications*, **2008**, 969-71	5.8	63
63	Noncovalent Macromolecular Architectures of Oligo(p-phenylenevinylene)s (OPVs): Role of End Functional Groups on the Gelation of Organic Solvents. *Macromolecular Symposia*, **2008**, 273, 25-32	0.8	11
62	Helical Supramolecular Architectures of Self-Assembled Linear Systems. *Bulletin of the Chemical Society of Japan*, **2008**, 81, 1196-1211	5.1	96
61	Self-assembly of oligo(para-phenylenevinylene)s through arene-perfluoroarene interactions: pi gels with longitudinally controlled fiber growth and supramolecular exciplex-mediated enhanced emission. *Chemistry - A European Journal*, **2008**, 14, 9577-84	4.8	113
60	Toroidal nanoobjects from Rosette assemblies of melamine-linked oligo(p-phenyleneethynylene)s and cyanurates. *Angewandte Chemie - International Edition*, **2008**, 47, 4691-4	16.4	118
59	Carbon nanotube triggered self-assembly of oligo(p-phenylene vinylene)s to stable hybrid pi-gels. *Angewandte Chemie - International Edition*, **2008**, 47, 5746-9	16.4	112
58	Bioinspired superhydrophobic coatings of carbon nanotubes and linear pi systems based on the "bottom-up" self-assembly approach. *Angewandte Chemie - International Edition*, **2008**, 47, 5750-4	16.4	145
57	A near-infrared squaraine dye as a latent ratiometric fluorophore for the detection of aminothiol content in blood plasma. *Angewandte Chemie - International Edition*, **2008**, 47, 7883-7	16.4	249
56	Cover Picture: Bioinspired Superhydrophobic Coatings of Carbon Nanotubes and Linear Systems Based on the Bottom-up Self-Assembly Approach (Angew. Chem. Int. Ed. 31/2008). *Angewandte Chemie - International Edition*, **2008**, 47, 5675-5675	16.4	16

55	Toroidal Nanoobjects from Rosette Assemblies of Melamine-Linked Oligo(p-phenyleneethynylene)s and Cyanurates. *Angewandte Chemie*, **2008**, 120, 4769-4772	3.6	49
54	Carbon Nanotube Triggered Self-Assembly of Oligo(p-phenylene vinylene)s to Stable Hybrid Gels. *Angewandte Chemie*, **2008**, 120, 5830-5833	3.6	32
53	Bioinspired Superhydrophobic Coatings of Carbon Nanotubes and Linear Systems Based on the Bottom-up Self-Assembly Approach. *Angewandte Chemie*, **2008**, 120, 5834-5838	3.6	38
52	A Near-Infrared Squaraine Dye as a Latent Ratiometric Fluorophore for the Detection of Aminothiol Content in Blood Plasma. *Angewandte Chemie*, **2008**, 120, 8001-8005	3.6	59
51	Titelbild: Bioinspired Superhydrophobic Coatings of Carbon Nanotubes and Linear Systems Based on the Bottom-up Self-Assembly Approach (Angew. Chem. 31/2008). *Angewandte Chemie*, **2008**, 120, 5759-5759	3.6	3
50	Organogels as scaffolds for excitation energy transfer and light harvesting. *Chemical Society Reviews*, **2008**, 37, 109-22	58.5	658
49	Solvent-induced aggregation and cation-controlled self-assembly of tripodal squaraine dyes: optical, chiroptical and morphological properties. *Chemistry - an Asian Journal*, **2008**, 3, 1365-73	4.5	42
48	Metallo supramolecular assemblies of bis-squaraines by allosteric Ca2+ ion binding. *Organic Letters*, **2007**, 9, 1999-2002	6.2	32
47	Pi-organogels of self-assembled p-phenylenevinylenes: soft materials with distinct size, shape, and functions. *Accounts of Chemical Research*, **2007**, 40, 644-56	24.3	802
46	Self-assembly of tripodal squaraines: Cation-assisted expression of molecular chirality and change from spherical to helical morphology. *Angewandte Chemie - International Edition*, **2007**, 46, 230-3	16.4	168
45	Self-assembled hybrid oligo(p-phenylenevinylene)-gold nanoparticle tapes. *Angewandte Chemie - International Edition*, **2007**, 46, 1825-8	16.4	114
44	Molecular wire encapsulated into pi organogels: efficient supramolecular light-harvesting antennae with color-tunable emission. *Angewandte Chemie - International Edition*, **2007**, 46, 6260-5	16.4	276
43	Self-Assembly of Tripodal Squaraines: Cation-Assisted Expression of Molecular Chirality and Change from Spherical to Helical Morphology. *Angewandte Chemie*, **2007**, 119, 234-237	3.6	46
42	Self-Assembled Hybrid Oligo(p-phenylenevinylene)Gold Nanoparticle Tapes. *Angewandte Chemie*, **2007**, 119, 1857-1860	3.6	41
41	Molecular Wire Encapsulated into Organogels: Efficient Supramolecular Light-Harvesting Antennae with Color-Tunable Emission. *Angewandte Chemie*, **2007**, 119, 6376-6381	3.6	113
40	Quadrupolar Gels: Sol Gel Tunable Red Green Blue Emission in Donor Acceptor-Type Oligo(p-phenylenevinylene)s. *Advanced Materials*, **2007**, 19, 411-415	24	149
39	Ratiometric and near-infrared molecular probes for the detection and imaging of zinc ions. *Chemistry - an Asian Journal*, **2007**, 2, 338-48	4.5	200
38	Synthesis, Photophysical, and Electroluminescent Properties of Arylenevinylenes-co-pyrrolenevinylenes Derived from Divinylaryl Bridged Bispyrroles. *Macromolecules*, **2007**, 40, 2657-2665	5.5	14

37	Transcription and amplification of molecular chirality to oppositely biased supramolecular pi helices. *Angewandte Chemie - International Edition*, **2006**, 45, 1141-4	16.4	185
36	Cholesterol-aided supramolecular control over chromophore packing: twisted and coiled helices with distinct optical, chiroptical, and morphological features. *Angewandte Chemie - International Edition*, **2006**, 45, 456-60	16.4	203
35	Evolution of nano- to microsized spherical assemblies of a short oligo(p-phenyleneethynylene) into superstructured organogels. *Angewandte Chemie - International Edition*, **2006**, 45, 3261-4	16.4	173
34	From vesicles to helical nanotubes: a sergeant-and-soldiers effect in the self-assembly of oligo(p-phenyleneethynylene)s. *Angewandte Chemie - International Edition*, **2006**, 45, 7729-32	16.4	196
33	Cover Picture: Transcription and Amplification of Molecular Chirality to Oppositely Biased Supramolecular Helices (Angew. Chem. Int. Ed. 7/2006). *Angewandte Chemie - International Edition* , **2006**, 45, 1003-1003	16.4	
32	Transcription and Amplification of Molecular Chirality to Oppositely Biased Supramolecular Helices. *Angewandte Chemie - International Edition*, **2006**, 45, 1834-1834	16.4	
31	Transcription and Amplification of Molecular Chirality to Oppositely Biased Supramolecular Helices. *Angewandte Chemie*, **2006**, 118, 1159-1162	3.6	65
30	Cholesterol-Aided Supramolecular Control over Chromophore Packing: Twisted and Coiled Helices with Distinct Optical, Chiroptical, and Morphological Features. *Angewandte Chemie*, **2006**, 118, 470-474	3.6	71
29	From Vesicles to Helical Nanotubes: A Sergeant-and-Soldiers Effect in the Self-Assembly of Oligo(p-phenyleneethynylene)s. *Angewandte Chemie*, **2006**, 118, 7893-7896	3.6	62
28	Titelbild: Transcription and Amplification of Molecular Chirality to Oppositely Biased Supramolecular Helices (Angew. Chem. 7/2006). *Angewandte Chemie*, **2006**, 118, 1019-1019	3.6	1
27	Transcription and Amplification of Molecular Chirality to Oppositely Biased Supramolecular Helices. *Angewandte Chemie*, **2006**, 118, 1866-1866	3.6	
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25	Self-location of acceptors as "isolated" or "stacked" energy traps in a supramolecular donor self-assembly: a strategy to wavelength tunable FRET emission. *Journal of the American Chemical Society*, **2006**, 128, 7174-5	16.4	164
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