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One-dimensional self-assembly of planar pi-conjugated molecules: adaptable building blocks for organic nanodevices

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1094	Analyte-triggered gelation: initiating self-assembly via oxidation-induced planarization. <i>Journal of the American Chemical Society</i> , 2008 , 130, 16496-7	16.4	87
1093	Solution-processed, high-performance n-channel organic microwire transistors. 2009 , 106, 6065-70		209
1092	Formation of Highly Luminescent Supramolecular Architectures Possessing Columnar Order from Octupolar Oxadiazole Derivatives: Hierarchical Self-Assembly from Nanospheres to Fibrous Gels. 2009 , 19, 2064-2073		67
1091	Supramolecular Assembly of Perylene Bisimide with Ecyclodextrin Grafts as a Solid-State Fluorescence Sensor for Vapor Detection. 2009 , 19, 2230-2235		176
1090	Octadehydrodibenzo[12]annulene-Based Organogels: Two Methyl Ester Groups Prevent Crystallization and Promote Gelation. <i>Angewandte Chemie</i> , 2009 , 121, 5573-5577	3.6	19
1089	ChemInform Abstract: One-Dimensional Self-Assembly of Planar EConjugated Molecules: Adaptable Building Blocks for Organic Nanodevices. 2009 , 40, no		
1088	Dendrimeric oligo(phenylenevinylene)-extended dithieno[3,2-b:2',3'-d]phospholes-synthesis, self-organization, and optical properties. 2009 , 15, 4135-45		59
1087	Interconvertible oligothiophene nanorods and nanotapes with high charge-carrier mobilities. 2009 , 15, 9320-4		56
1086	Nonperipherally octa(butyloxy)-substituted phthalocyanine derivatives with good crystallinity: effects of metal-ligand coordination on the molecular structure, internal structure, and dimensions of self-assembled nanostructures. 2009 , 15, 13241-52		63
1085	Synthesis and Characterization of Pentafluorophenyl-Substituted Perylenebis(dicarboximides). 2009 , 92, 2525-2531		2
1084	Hierarchical self-assembled nanostructures from the organic n-type semiconductor hexaazatrinaphthylene. 2009 , 10, 3197-200		7
1083	Octadehydrodibenzo[12]annulene-based organogels: two methyl ester groups prevent crystallization and promote gelation. 2009 , 48, 5465-9		56
1082	Benzimidazole-based ratiometric fluorescent receptor exhibiting molecular logic gate for Cu2+ and Fe3+. 2009 , 50, 5555-5558		35
1081	Supramolecular gel based on a perylene diimide dye: multiple stimuli responsiveness, robustness, and photofunction. <i>Journal of the American Chemical Society</i> , 2009 , 131, 14365-73	16.4	191
1080	Zinc chloride-promoted aryl bromide-alkyne cross-coupling reactions at room temperature. 2009 , 74, 8897-900		72

1079	Self-assembly of 1-D n-type nanostructures based on naphthalene diimide-appended dipeptides. Journal of the American Chemical Society, 2009 , 131, 16374-6	16.4	203
1078	Highly Polarized and Self-Waveguided Emission from Single-Crystalline Organic Nanobelts. 2009 , 21, 2930-2934		96
1077	Alkyl chain length dependent morphology and emission properties of the organic micromaterials based on fluorinated quinacridone derivatives. <i>Langmuir</i> , 2009 , 25, 3264-70	4	38
1076	Self-Assembled Organic Functional Nanotubes and Nanorods and Their Sensory Properties. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 3929-3933	3.8	59
1075	Preparation and Photophysical and Photoelectrochemical Properties of Supramolecular Porphyrin Nanorods Structurally Controlled by Encapsulated Fullerene Derivatives. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 18369-18378	3.8	43
1074	Positive Constructs: Charges Localized on Surface-Confined Organometallic Oligomers. 2009 , 21, 4676-	4684	25
1073	PhIO as a powerful cyclizing reagent: regiospecific [3+2]-tandem oxidative cyclization of imine toward cofacially self-aggregated low molecular mass organic materials. 2009 , 74, 2581-4		30
1072	Metal Octaethylporphyrin Nanowire Array and Network toward Electric/Photoelectric Devices. Journal of Physical Chemistry C, 2009 , 113, 16259-16265	3.8	25
1071	Conjugated dimeric and trimeric perylenediimide oligomers. 2009 , 11, 3426-9		62
1070	Two-dimensional self-organization of rectangular OPE amphiphiles into microcrystalline lamellae. 2009 , 7155-7		40
1069	Reversible self-assembly of entrapped fluorescent gelators in polymerized styrene gel matrix: erasable thermal imaging via recreation of supramolecular architectures. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15122-3	16.4	133
1068	Nanoscale optoelectronic switches and logic devices. <i>Nanoscale</i> , 2009 , 1, 299-316	7.7	61
1067	One-dimensional organometallic molecular wires via assembly of Rh(CO)2Cl(amine): chemical control of interchain distances and optical properties. <i>Journal of the American Chemical Society</i> , 2009 , 131, 12046-7	16.4	36
1066	Vertical organic nanowire arrays: controlled synthesis and chemical sensors. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3158-9	16.4	144
1065	Columnar packing motifs of functionalized perylene derivatives: local molecular order despite long-range disorder. <i>Journal of the American Chemical Society</i> , 2009 , 131, 5251-6	16.4	69
1064	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
1063	Solution-processed microwires of phthalocyanine copper(II) derivative with excellent conductivity. <i>Langmuir</i> , 2009 , 25, 6045-8	4	16
1062	Direct meta-selective alkylation of perylene bisimides via palladium-catalyzed C-H functionalization. 2009 , 11, 5430-3		40

1061	Polymer reptation for molecular assembly of copper phthalocyanine. 2009 , 95, 113301		11
1060	Enhanced fluorescence sensing of amine vapor based on ultrathin nanofibers. 2009 , 5106-8		103
1059	A columnar liquid-crystalline shape-persistent macrocycle having a nanosegregated structure. 2009 , 7, 3205-7		29
1058	Kinetic vs thermodynamic self-sorting of cucurbit[6]uril, cucurbit[7]uril, and a spermine derivative. 2009 , 11, 3798-801		54
1057	Expedient fabrication of well-defined nanofibres from a macrocycle molecule: Solution-controlled self-assembly. 2009 , 223, 139-147		1
1056	Molecular Inorganic Conductors and Superconductors. 2010 , 211-280		7
1055	Laser Ablation of Micro-sized Organic Dye Particles in Solvents with Limited Solubility for the Dye: Formation of a Supersaturated Solution. <i>Chemistry Letters</i> , 2010 , 39, 215-217	1.7	
1054	Supramolecular Stacks of Asymmetric Zinc Phthalocyanines Functionalized with One Tetrathiafulvalene Unit. <i>Chemistry Letters</i> , 2010 , 39, 812-813	1.7	10
1053	Geometry and electronic coupling in perylenediimide stacks: mapping structure-charge transport relationships. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1738-9	16.4	103
1052	Ultrathin n-type organic nanoribbons with high photoconductivity and application in optoelectronic vapor sensing of explosives. <i>Journal of the American Chemical Society</i> , 2010 , 132, 5743-50	16.4	210
1051	Conducting supramolecular nanofibers and nanorods. <i>Chemical Society Reviews</i> , 2010 , 39, 2420-7	58.5	157
1050	Aggregation and assembly of crescent foldamers. 2010 , 53, 45-51		3
1049	An effective and scale-up self-assembly route to prepare the rigid and smooth oligo(o-phenylenediamine) microfibers in acidic solution by NaClO2. 2010 , 64, 2302-2305		16
1048	Delayed Fluorescent Emission from Pyrene Doped Phenanthrene Nanoparticles Based on Triplet-triplet Energy Transfer. 2010 , 28, 2103-2108		3
1047	Preparation and Memory Performance of a Nanoaggregated Dispersed Red 1-Functionalized Poly (N-vinylcarbazole) Film via Solution-Phase Self-Assembly. 2010 , 20, 2916-2922		102
1046	High-performance organic field-effect transistors from organic single-crystal microribbons formed by a solution process. 2010 , 22, 1484-7		96
1045	Polarized emission and optical waveguide in crystalline perylene diimide microwires. 2010 , 22, 3661-6		122
1044	Controllable self-assembly of n-type semiconductors to microtubes and highly conductive ultralong microwires. 2010 , 22, 4905-9		27

(2010-2010)

1043	Solution-processable flower-shaped hierarchical structures: self-assembly, formation, and state transition of biomimetic superhydrophobic surfaces. 2010 , 16, 7309-18		23
1042	Insulator base pairs for lighting-up perylenediimide in a DNA duplex. 2010 , 16, 11554-7		28
1041	Host-guest-driven copolymerization of tetraphosphonate cavitands. 2010 , 16, 14313-21		38
1040	Rylenfarbstoffe als maßeschneiderte Nanoemitter fildie Photonik. <i>Angewandte Chemie</i> , 2010 , 122, 9252-9278	3.6	124
1039	Amphiphilic Self-Assembly of an n-Type Nanotube. <i>Angewandte Chemie</i> , 2010 , 122, 7854-7857	3.6	56
1038	Formation of Nanoporous Fibers by the Self-Assembly of a Pyromellitic Diimide-Based Macrocycle. <i>Angewandte Chemie</i> , 2010 , 122, 9870-9873	3.6	4
1037	Self-Crystallization of C70 Cubes and Remarkable Enhancement of Photoluminescence. <i>Angewandte Chemie</i> , 2010 , 122, 9864-9869	3.6	9
1036	Tetrakis(arylisocyanide) Rhodium(I) Salts in Water: NIR Luminescent and Conductive Supramolecular Polymeric Nanowires with Hierarchical Organization. <i>Angewandte Chemie</i> , 2010 , 122, 10164-10167	3.6	7
1035	Supramolecularly Engineered Aggregation of a Dipolar Dye: Vesicular and Ribbonlike Architectures. <i>Angewandte Chemie</i> , 2010 , 122, 10186-10190	3.6	39
1034	The rylene colorant familytailored nanoemitters for photonics research and applications. 2010 , 49, 9068-93		509
1033	Amphiphilic self-assembly of an n-type nanotube. 2010 , 49, 7688-91		185
1032	Formation of nanoporous fibers by the self-assembly of a pyromellitic diimide-based macrocycle. 2010 , 49, 9676-9		25
1031	Self-crystallization of C(70) cubes and remarkable enhancement of photoluminescence. 2010 , 49, 9670-	-5	79
1030	Tetrakis(arylisocyanide) rhodium(I) salts in water: NIR luminescent and conductive supramolecular polymeric nanowires with hierarchical organization. 2010 , 49, 9968-71		43
1029	Supramolecularly engineered aggregation of a dipolar dye: vesicular and ribbonlike architectures. 2010 , 49, 9990-4		67
1028	An unexpected solvent effect on the self-assembly of a 1,7-bis-pyridinoyl perylene diimide amphiphile. <i>Journal of Colloid and Interface Science</i> , 2010 , 349, 142-7	9.3	15
1027	Aggregation of wedge-shaped perylenetetracarboxylic diimides with a different number of hydrophobic long alkyl chains. <i>Journal of Colloid and Interface Science</i> , 2010 , 350, 523-9	9.3	16
1026	Design and characterization of ferrocenepeptideBligoaniline conjugates. 2010 , 51, 4530-4533		11

1025	Direct synthesis of highly pure perylene tetracarboxylic monoimide. 2010 , 51, 6651-6653		10
1024	Chemical functionalization of single-walled carbon nanotube field-effect transistors as switches and sensors. 2010 , 254, 1101-1116		86
1023	Structural and electronic properties of extremely long perylene bisimide nanofibers formed through a stoichiometrically mismatched, hydrogen-bonded complexation. 2010 , 6, 2731-40		18
1022	. 2010,		12
1021	Synthesis, Self-assembly, and Crystal Structure of a Shape-Persistent Polyhedral-Oligosilsesquioxane-Nanoparticle-Tethered Perylene Diimide. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 4802-4810	3.4	76
1020	Oligoamide duplexes as organogelators. 2010 , 12, 2958-61		28
1019	Self-assembled one-dimensional soft nanostructures. <i>Soft Matter</i> , 2010 , 6, 5839	3.6	59
1018	Construction and optoelectronic properties of organic one-dimensional nanostructures. <i>Accounts of Chemical Research</i> , 2010 , 43, 409-18	24.3	371
1017	Biradicaloid and Polyenic Character of Quinoidal Oligothiophenes Revealed by the Presence of a Low-Lying Double-Exciton State. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 3334-3339	6.4	126
1016	Supramolecular nanoarchitectures for light energy conversion. 2010 , 12, 44-57		189
1015	Aggregate nanostructures of organic molecular materials. Accounts of Chemical Research, 2010, 43, 1490	6 <u>2</u> 540,8	349
1014	Hydrophobic self-assembly of a perylenediimide-linked DNA dumbbell into supramolecular polymers. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15808-13	16.4	80
1013	Understanding cooperativity in hydrogen-bond-induced supramolecular polymerization: a density functional theory study. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 13667-74	3.4	113
1012	Structural B roperty Relationship in Pyrazino[2,3-g]quinoxaline Derivatives: Morphology, Photophysical, and Waveguide Properties. 2010 , 22, 3735-3745		74
1011	Surface modification of self-assembled one-dimensional organic structures: white-light emission and beyond. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15872-4	16.4	33
1010	Directed Growth of 1D Assemblies of Perylene Diimide from a Conjugated Polymer. 2010 , 22, 2287-2290	5	13
1009	Self-assembly of thienylenevinylene molecular wires to semiconducting gels with doped metallic conductivity. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13206-7	16.4	125

1007	Patterned growth of vertically aligned organic nanowire waveguide arrays. 2010 , 4, 1630-6		128
1006	Novel n-Type Conjugated Ladder Heteroarenes: Synthesis, Self-Assembly of Nanowires, Electron Transport, and Electroluminescence of Bisindenoanthrazolines. 2010 , 22, 5786-5796		35
1005	Hydrogen bond migration between molecular sites observed with ultrafast 2D IR chemical exchange spectroscopy. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 2383-9	3.4	25
1004	Self-assembly of C3-symmetrical hexaaryltriindoles driven by solvophobic and CH-pi interactions. 2010 , 75, 1070-6		34
1003	Controllable growth and field-effect property of monolayer to multilayer microstripes of an organic semiconductor. <i>Journal of the American Chemical Society</i> , 2010 , 132, 8807-9	16.4	146
1002	Columnar organization of head-to-tail self-assembled Pt4 rings. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7668-75	16.4	56
1001	Self-assembly of amphiphilic perylene-cyclodextrin conjugate and vapor sensing for organic amines. 2010 , 75, 7258-64		105
1000	Self-assembled nanolayers of conjugated silane with pi-pi interlocking. 2010 , 4, 3773-80		16
999	Influencing particle size and stability of ionic dendrimerdye assemblies. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 15466-76	3.4	33
998	Arylene ethynylene macrocycles with intramolecular ﷺ 2010, 12, 4784-7		33
998 997	Arylene ethynylene macrocycles with intramolecular Estacking. 2010, 12, 4784-7 Molecular aggregation behavior of perylene-bridged bis(beta-cyclodextrin) and its electronic interactions upon selective binding with aromatic guests. <i>Journal of Physical Chemistry B</i> , 2010, 114, 107	1 ³ 6 ⁴	33
	Molecular aggregation behavior of perylene-bridged bis(beta-cyclodextrin) and its electronic	1 ³ 6 ⁴	
997	Molecular aggregation behavior of perylene-bridged bis(beta-cyclodextrin) and its electronic interactions upon selective binding with aromatic guests. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 107 n-Type charge transport and mobility of fluorinated perylene bisimide semiconductors. <i>Journal of</i>		40
997	Molecular aggregation behavior of perylene-bridged bis(beta-cyclodextrin) and its electronic interactions upon selective binding with aromatic guests. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 107 n-Type charge transport and mobility of fluorinated perylene bisimide semiconductors. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 5327-34 Expanded Electron systems, tri(phenanthro)hexaazatriphenylenes and tri(phenanthrolino)hexaazatriphenylenes, that are self-assembled to form one-dimensional		40 66 35
997 996 995	Molecular aggregation behavior of perylene-bridged bis(beta-cyclodextrin) and its electronic interactions upon selective binding with aromatic guests. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 107 n-Type charge transport and mobility of fluorinated perylene bisimide semiconductors. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 5327-34 Expanded Electron systems, tri(phenanthro)hexaazatriphenylenes and tri(phenanthrolino)hexaazatriphenylenes, that are self-assembled to form one-dimensional aggregates. 2010 , 75, 6858-68 Orange-blue-orange triblock one-dimensional heterostructures of organic microrods for white-light	3.4	40 66 35
997 996 995 994	Molecular aggregation behavior of perylene-bridged bis(beta-cyclodextrin) and its electronic interactions upon selective binding with aromatic guests. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 107 n-Type charge transport and mobility of fluorinated perylene bisimide semiconductors. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 5327-34 Expanded Electron systems, tri(phenanthro)hexaazatriphenylenes and tri(phenanthrolino)hexaazatriphenylenes, that are self-assembled to form one-dimensional aggregates. 2010 , 75, 6858-68 Orange-blue-orange triblock one-dimensional heterostructures of organic microrods for white-light emission. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1742-3 Evolution of various porphyrin nanostructures via an oil/aqueous medium: controlled self-assembly, further organization, and supramolecular chirality. <i>Journal of the American Chemical Society</i> , 2010 ,	3.4	40 66 35
997 996 995 994 993	Molecular aggregation behavior of perylene-bridged bis(beta-cyclodextrin) and its electronic interactions upon selective binding with aromatic guests. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 107. n-Type charge transport and mobility of fluorinated perylene bisimide semiconductors. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 5327-34 Expanded Electron systems, tri(phenanthro)hexaazatriphenylenes and tri(phenanthrolino)hexaazatriphenylenes, that are self-assembled to form one-dimensional aggregates. 2010 , 75, 6858-68 Orange-blue-orange triblock one-dimensional heterostructures of organic microrods for white-light emission. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1742-3 Evolution of various porphyrin nanostructures via an oil/aqueous medium: controlled self-assembly, further organization, and supramolecular chirality. <i>Journal of the American Chemical Society</i> , 2010 , 132, 9644-52 Tuning the electronic properties of phenazine and bisphenazine derivatives: a theoretical and	3.4	40 66 35 117 151

989	Graphene as atomic template and structural scaffold in the synthesis of graphene-organic hybrid wire with photovoltaic properties. 2010 , 4, 6180-6		99
988	Rectangular Nanotubes of Copper Phthalocyanine: Application to a Single Nanotube Transistor. 2010 , 22, 2219-2225		38
987	Self-assembled organic-inorganic hybrid nanocomposite of a perylenetetracarboxylic diimide derivative and CdS. <i>Langmuir</i> , 2010 , 26, 12473-8	4	37
986	Fluorescence Amplification in Self-Assembled Organic Nanoparticles by Excitation Energy Migration and Transfer. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 10410-10416	3.8	30
985	Solution phase epitaxial self-assembly and high charge-carrier mobility nanofibers of semiconducting molecular gelators. <i>Journal of the American Chemical Society</i> , 2010 , 132, 8866-7	16.4	158
984	Synthesis and Properties of Thienylene-Ethynylene-Tetrathiafulvalene Oligomers. 2010 , 185, 1061-106	7	1
983	Supramolecular and core-shell materials from self-assembled fibers. 2010 , 46, 1464-6		3
982	Self-assembly of halogen substituted phenazines. 2010 , 20, 867-873		32
981	Organic nanofibrils based on linear carbazole trimer for explosive sensing. 2010 , 46, 5560-2		90
980	A photoswitch based on self-assembled single microwire of a phenyleneethynylene macrocycle. 2010 , 46, 5725-7		41
979	Ambient photodoping of p-type organic nanofibers: highly efficient photoswitching and electrical vapor sensing of amines. 2010 , 46, 4127-9		55
978	SHG-active molecular nanorods with intermediate photochromic properties compared to solution and bulk solid states. 2010 , 46, 6385-7		15
977	Multilayered nanofibers from stacks of single-molecular thick nanosheets of hexakis(alkoxy)triphenylenes. 2010 , 46, 8579-81		14
976	Shape-persistent arylenevinylene macrocycles (AVMs) prepared via acyclic diene metathesis macrocyclization (ADMAC). 2010 , 46, 8258-60		47
975	Detection of chemical vapors with tunable emission of binary organic nanobelts. 2010 , 12, 12935-8		29
974	Organic core-shell nanostructures: microemulsion synthesis and upconverted emission. 2010 , 46, 4959-	61	44
973	Energy transfer in self-assembled dipeptide hydrogels. 2010 , 46, 4267-9		92
972	Optical waveguides at micro/nanoscale based on functional small organic molecules. 2011 , 13, 9060-73		140

971	Fluorescent one-dimensional nanostructures from a group of uniform materials based on organic salts. 2011 , 47, 8916-8		22	
970	Structural and Thermal Effects on the Charge Transport of Core-Twisted Chlorinated Perylene Bisimide Semiconductors. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 20754-20764	3.8	30	
969	exTTF-capped gold nanoparticles as multivalent receptors for C60. Chemical Science, 2011 , 2, 1384	9.4	7	
968	Self-assembly of a donor-acceptor nanotube. A strategy to create bicontinuous arrays. <i>Journal of the American Chemical Society</i> , 2011 , 133, 19125-30	16.4	88	
967	Chemical reaction mediated self-assembly of PTCDA into nanofibers. <i>Nanoscale</i> , 2011 , 3, 3605-8	7.7	12	
966	Self-assembled organic micro-/nanowires from an air stable n-semiconducting perylenediimide derivative as building blocks for organic electronic devices. 2011 , 21, 18266		18	
965	A bio-inspired design strategy: Organization of tryptophan-appended naphthalenediimide into well-defined architectures induced by molecular interactions. <i>Nanoscale</i> , 2011 , 3, 2536-43	7.7	49	
964	A simple, high yield method for the synthesis of organic wires from aromatic molecules using nitric acid as the solvent. 2011 , 47, 4153-5		13	
963	A free-base dipyrrin capable of forming extended architectures comparable to those of its metal(II) complex counterparts. <i>CrystEngComm</i> , 2011 , 13, 7149	3.3	12	
962	Preparation, characterization, physical properties, and photoconducting behaviour of anthracene derivative nanowires. <i>Nanoscale</i> , 2011 , 3, 4720-3	7.7	36	
961	Effect of pipi stacking on the self-assembly of azomethine-type rodfloil liquid crystals. 2011 , 38, 995-100	06	21	
960	Nanogold-based sensing of environmental toxins: excitement and challenges. 2011 , 29, 52-89		23	
959	A triangular macrocycle altering planar and bulky sections in its molecular backbone. 2011 , 13, 1326-9		26	
958	Ammonia Sensory Properties Based on Single-Crystalline Micro/Nanostructures of Perylenediimide Derivatives: Core-Substituted Effect. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 10399-10404	3.8	64	
957	Unraveling Molecular Adsorption with Surface Raman Spectroscopy: trans-Stilbene, trans, trans-Distyrylbenzene, and trans-Azobenzene on Ag/Ge(111). <i>Journal of Physical Chemistry C</i> , 2011 , 115, 516-520	3.8	4	
956	Aceno[2,1,3]thiadiazoles for field-effect transistors: synthesis and crystal packing. 2011 , 13, 2642-5		32	
955	Conformationally dynamic Etonjugation: probing structure-property relationships of fluorescent tris(N-salicylideneaniline)s. 2011 , 115, 13298-308		18	
954	Controlled morphogenesis of organic polyhedral nanocrystals from cubes, cubooctahedrons, to octahedrons by manipulating the growth kinetics. <i>Journal of the American Chemical Society</i> , 2011 , 133, 1895-901	16.4	93	

953	Covalent reinforcement of hydrogen-bonded discs into stably folded helical structures. 2011, 13, 4008-	·11	5
952	Electron Delocalization in One-Dimensional Perylenediimide Nanobelts through Photoinduced Electron Transfer. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 15040-15047	3.8	28
951	1D nano- and microbelts self-assembled from the organic-inorganic hybrid molecules: oxadiazole-containing cyclotriphosphazene. <i>Langmuir</i> , 2011 , 27, 3982-90	4	24
950	Five-fold-symmetric macrocyclic aromatic pentamers: high-affinity cation recognition, ion-pair-induced columnar stacking, and nanofibrillation. <i>Journal of the American Chemical Society</i> , 2011 , 133, 13930-3	16.4	73
949	CoreBhell Poly(allyamine hydrochloride)-Pyrene Nanorods Decorated with Gold Nanoparticles. 2011 , 23, 4741-4747		27
948	Arylene E thynylene Macrocycles via DepolymerizationMacrocyclization. 2011 , 44, 3685-3687		39
947	Self-Assembly of Perylenediimide Nanobelts and Their Size-Tunable Exciton Dynamic Properties. Journal of Physical Chemistry Letters, 2011 , 2, 2163-2167	6.4	47
946	Self-assembly and gelation behavior of tris(phenylisoxazolyl)benzenes. 2011 , 76, 5082-91		49
945	Toward the self-assembly of metal-organic nanotubes using metal-metal and Estacking interactions: bis(pyridylethynyl) silver(I) metallo-macrocycles and coordination polymers. 2011 , 50, 112	3-34	56
944	Self-assembled phenylethynylene bis-urea macrocycles facilitate the selective photodimerization of coumarin. <i>Journal of the American Chemical Society</i> , 2011 , 133, 7025-32	16.4	104
943	Self-assembled hollow nanospheres strongly enhance photoluminescence. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11022-5	16.4	59
942	Synthesis, characterization, self-assembly, and physical properties of 11-methylbenzo[d]pyreno[4,5-b]furan. 2011 , 13, 3004-7		87
941	High-resolution spectroscopy of jet-cooled 1,1'-diphenylethylene: electronically excited and ionic states of a prototypical cross-conjugated system. 2011 , 115, 9399-410		18
940	Reversible and selective sensing of aniline vapor by perylene-bridged bis(cyclodextrins) assembly. 2011 , 76, 6101-7		64
939	Interfacial engineering of organic nanofibril heterojunctions into highly photoconductive materials. <i>Journal of the American Chemical Society</i> , 2011 , 133, 1087-91	16.4	75
938	Preparation of shape-persistent macrocycles with a single pyridine unit by double cross-coupling reactions of aryl bromides and alkynes. 2011 , 76, 10299-305		16
937	Versatile small-molecule motifs for self-assembly in water and the formation of biofunctional supramolecular hydrogels. <i>Langmuir</i> , 2011 , 27, 529-37	4	173
936	Highly linear self-assembled porphyrin wires. 2011 , 50, 6073-82		22

935	Controlled growth and assembly of one-dimensional ordered nanostructures of organic functional materials. <i>Soft Matter</i> , 2011 , 7, 1615-1630	3.6	45
934	Construction and application of tunable one-dimensional soft supramolecular assemblies. <i>Soft Matter</i> , 2011 , 7, 6385	3.6	62
933	Strong aggregation and directional assembly of aromatic oligoamide macrocycles. <i>Journal of the American Chemical Society</i> , 2011 , 133, 18590-3	16.4	84
932	Porous one-dimensional nanostructures through confined cooperative self-assembly. 2011 , 11, 5196-2	00	67
931	Solution-processed, high-performance nanoribbon transistors based on dithioperylene. <i>Journal of the American Chemical Society</i> , 2011 , 133, 1-3	16.4	239
930	Organic composite nanomaterials: energy transfers and tunable luminescent behaviors. <i>New Journal of Chemistry</i> , 2011 , 35, 973	3.6	48
929	Processable cyclic peptide nanotubes with tunable interiors. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15296-9	16.4	111
928	Synthesis and optical properties of triphenylene-based dendritic donor perylene diimide acceptor systems. 2011 , 115, 1579-92		31
927	An oxidative coupling route to macrocyclic thiophenes and its application in the synthesis of a donor/acceptor hybrid molecule. 2011 , 47, 11023-5		12
926	Fine-tuned nanostructures assembled from L-lysine-functionalized perylene bisimides. <i>Langmuir</i> , 2011 , 27, 11364-71	4	73
925	Carrier Mobility of Single-Walled Carbon Nanotube-Reinforced Polyaniline Nanofibers. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 16187-16192	3.8	36
924	H-bonding-driven gel formation of a phenylacetylene macrocycle. 2011 , 9, 4440-3		21
923	Planar macrocyclic fluoropentamers as supramolecular organogelators. 2011 , 13, 3840-3		53
922	A rigid metallohexameric macrocycle composed of endo- and exo-cyclic bisterpyridine-metal complexes. <i>New Journal of Chemistry</i> , 2011 , 35, 2130	3.6	11
921	Low-dimensional nanostructures fabricated from bis(dioxaborine)carbazole derivatives as fluorescent chemosensors for detecting organic amine vapors. 2011 , 21, 8756		115
920	Highly luminescent, electron-deficient bora-cyclophanes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 20142-5	16.4	116
919	Paper-based vapor detection of hydrogen peroxide: colorimetric sensing with tunable interface. <i>ACS Applied Materials & Distributed & Di</i>	9.5	97
918	Enhancing long-range exciton guiding in molecular nanowires by H-aggregation lifetime engineering. 2011 , 11, 488-92		116

917	White-light-emitting self-assembled nanofibers and their evidence by microspectroscopy of individual objects. <i>Journal of the American Chemical Society</i> , 2011 , 133, 316-25	16.4	156
916	Multistimuli-responsive benzothiadiazole-cored phenylene vinylene derivative with nanoassembly properties. <i>Langmuir</i> , 2011 , 27, 6323-9	4	128
915	External-stimuli responsive photophysics and liquid crystal properties of self-assembled "phosphole-lipids". <i>Journal of the American Chemical Society</i> , 2011 , 133, 17014-26	16.4	131
914	Novel C3-symmetric n-type tris(aroyleneimidazole) and its analogs: synthesis, physical properties and self-assembly. 2011 , 47, 3454-6		21
913	Developing perylene diimide based acceptor polymers for organic photovoltaics. 2011 , 161, 1014-1021		24
912	Ultralong single organic semiconducting nano/microwires based on spiro-substituted perylenetetracarboxylic diimide. <i>ACS Applied Materials & Description of the State of the S</i>	9.5	13
911	Dually switchable heterotetracenes: addressing the photophysical properties and self-organization of the P-S system. <i>Journal of the American Chemical Society</i> , 2011 , 133, 1328-40	16.4	106
910	Electroactive Nanotubes from Econjugated Discotic Molecules. 2011 , 84, 17-25		11
909	Optical and dielectric properties of double helix DNA thin films. 2011 , 31, 1619-1624		24
908	Thin film characterization and vapor sensing properties of a novel perylenediimide material. 2011 , 160, 65-71		10
907	Shuttle-like supramolecular nanostructures formed by self-assembly of a porphyrin via an oil/water system. 2011 , 6, 529		9
906	Fluorogenic and Chromogenic Polymer Chemosensors. 2011 , 51, 341-390		64
905	Tailoring Electronic Properties of Graphene by Estacking with Aromatic Molecules. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 2897-2905	6.4	210
904	Adaptive supramolecular nanomaterials based on strong noncovalent interactions. 2011 , 5, 6791-818		373
903	Synthesis and supramolecular self-assembly of coil-rod-coil molecules: the relationship between self-assembled nanostructures and molecular structures. 2011 , 6, 226-33		11
902	Postchemistry of organic microrods: thermopolymerization in aqueous solution. 2011 , 6, 801-3		19
901	Synthesis and nanostructures of cyclic triphenylene trimers having long alkyl and alkoxy side-chains. 2011 , 6, 2940-5		15
900	One-Dimensional Nanostructures of EConjugated Molecular Systems: Assembly, Properties, and Applications from Photovoltaics, Sensors, and Nanophotonics to Nanoelectronics [2011, 23, 682-732]		567

(2011-2011)

899	Controlled transformation from nanorods to vesicles induced by cyclomaltoheptaoses (此yclodextrins). 2011 , 346, 285-93		31
898	Facile solvothermal synthesis and photoconductivity of one-dimensional organic Cd(II)-Schiff-base nanoribbons. 2011 , 4, 199-203		5
897	Thin-film-based nanoarchitectures for soft matter: controlled assemblies into two-dimensional worlds. 2011 , 7, 1288-308		150
896	Self-assembly and microstructural control of a hexa-peri-hexabenzocoronene-perylene diimide dyad by solvent vapor diffusion. 2011 , 7, 2841-6		24
895	Applications of oligomers for nanostructured conducting polymers. 2011 , 32, 35-49		41
894	Very Large Photoconduction Enhancement Upon Self-Assembly of a New Triindole Derivative in Solution-Processed Films. 2011 , 21, 738-745		21
893	Non-conventional Processing and Post-processing Methods for the Nanostructuring of Conjugated Materials for Organic Electronics. 2011 , 21, 1279-1295		76
892	Engineering Molecular Organization of Naphthalenediimides: Large Nanosheets with Metallic Conductivity and Attoliter Containers. 2011 , 21, 3875-3882		63
891	Rylene and related diimides for organic electronics. 2011 , 23, 268-84		1366
890	Controlling Molecular Packing for Charge Transport in Organic Thin Films. 2011 , 1, 188-193		33
889	Syntheses, Optical Properties and Photoactivated Insecticidal Activities of Cyclic Arylethynylsilanes. 2011 , 29, 278-282		3
888	Dip-coating-induced fiber growth of a soluble heterotriangulene. 2011 , 12, 1648-51		21
887	Effect of hydrophobic comonomer content on assembling of poly (N-isopropylacrylamide) and thermal properties. 2011 , 120, 2346-2353		6
886	Cooperative Assembly of Binary Molecular Components into Tubular Structures for Multiple Photonic Applications. <i>Angewandte Chemie</i> , 2011 , 123, 5044-5048	3.6	8
885	Superamphiphiles Based on Directional Charge-Transfer Interactions: From Supramolecular Engineering to Well-Defined Nanostructures. <i>Angewandte Chemie</i> , 2011 , 123, 5054-5058	3.6	43
884	Coaxially Stacked Coronene Columns inside Single-Walled Carbon Nanotubes. <i>Angewandte Chemie</i> , 2011 , 123, 4955-4959	3.6	17
883	Conjugated macrocycles: concepts and applications. 2011 , 50, 10522-53		407
882	Cooperative assembly of binary molecular components into tubular structures for multiple photonic applications. 2011 , 50, 4942-6		42

881	Superamphiphiles based on directional charge-transfer interactions: from supramolecular engineering to well-defined nanostructures. 2011 , 50, 4952-6	128
880	Coaxially stacked coronene columns inside single-walled carbon nanotubes. 2011 , 50, 4853-7	87
879	Mirror helices and helicity switch at surfaces based on chiral triangular-shape oligo(phenylene ethynylenes). 2011 , 17, 2769-76	17
878	Luminescent organic 1D nanomaterials based on bis(酣iketone)carbazole derivatives. 2011 , 17, 1660-9	70
877	Synthesis of shape-persistent macrocycles by a one-pot Suzuki-Miyaura cross-coupling reaction. 2011 , 17, 440-4	16
876	Synthesis, structure, aggregation-induced emission, self-assembly, and electron mobility of 2,5-bis(triphenylsilylethynyl)-3,4-diphenylsiloles. 2011 , 17, 5998-6008	59
875	High-performance single-crystal-based organic field-effect transistors from Eextended porphyrin derivatives. 2011 , 17, 7772-6	30
874	Aqueous self-assembly of L-lysine-based amphiphiles into 1D n-type nanotubes. 2011 , 17, 12882-5	78
873	Construction of 1D Estacked superstructures with inclusion channels through symmetry-decreasing crystallization of discotic molecules of C3 symmetry. 2011 , 17, 14348-53	26
872	Microscopic crystalline rods from the self-assembly of mixed porphyrin building blocks. 2011 , 14, 1014-1017	4
871	Photoluminescence properties of 暇a2O3:Tb3+ nanofibers prepared by electrospinning. 2011 , 176, 932-936	18
870	Microwires and microtwists from X-shaped conjugated molecules as low-loss, long distance photo waveguide materials. 2011 , 12, 453-460	6
869	p-Carboxyl-N-salicylideneanilines: Simple but efficient chromophores for one-dimensional microrods with aggregation-induced emission enhancement (AIEE) characteristics. 2011 , 131, 1453-1459	17
868	Organic/Inorganic Self-Assembled Film Based on a Perylenetetracarboxylic Diimide Derivative/CdS. 2011 , 393-395, 1313-1317	
867	Ultrasensitive and Highly Selective Detection of TNT From Environmental Sample Using Two-Photon Scattering Properties of Aminothiophenol-Modified Gold Nanoparticle. 2011 , 10, 1083-1088	11
866	Enhanced chemiluminescent detection scheme for trace vapor sensing in pneumatically-tuned hollow core photonic bandgap fibers. 2012 , 20, 12407-15	33
865	Transport characterization of a gated molecular device with negative differential resistance. 2012,	7
864	Copolyimides containing perylene and hexafluoroisopropylidene moieties. 2012 , 24, 50-57	6

(2012-2012)

863	Self-assembly and optical properties of N N?-bis(4-(1-benzylpiperidine))perylene-3,4,9,10-tetracarboxylic diimide. 2012 , 24, 238-246	9
862	Photo- and electro-functional self-assembled architectures of porphyrins. 2012 , 14, 15975-87	52
861	Tetraphenylethene modified perylene bisimide: effect of the number of substituents on AIE performance. 2012 , 48, 11671-3	61
860	Attogram sensing of trinitrotoluene with a self-assembled molecular gelator. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4834-41	431
859	Push-pull macrocycles: donor-acceptor compounds with paired linearly conjugated or cross-conjugated pathways. 2012 , 77, 2285-98	34
858	Pyrene-fluorene hybrids containing acetylene linkage as color-tunable emitting materials for organic light-emitting diodes. 2012 , 77, 3921-32	82
857	Temperature-Controlled, Reversible, Nanofiber Assembly from an Amphiphilic Macrocycle. 2012 , 1, 1335-13	38 31
856	High-yield synthesis of millimetre-long, semiconducting carbon nitride nanotubes with intense photoluminescence emission and reproducible photoconductivity. <i>Nanoscale</i> , 2012 , 4, 3687-92	138
855	Calixarene-induced aggregation of perylene bisimides. 2012 , 10, 720-3	37
854	Phosphole modified pentathienoacene: synthesis, electronic properties and self-assembly. 2012 , 10, 1459-66	12
853	Solvent and substituent effects on aggregation constants of perylene bisimide Estacksa linear free energy relationship analysis. 2012 , 10, 5845-55	140
852	Chiral self-assembly of lactose functionalized perylene bisimides as multivalent glycoclusters. 2012 , 48, 5644-6	46
851	Supramolecular alternate co-assembly through a non-covalent amphiphilic design: conducting nanotubes with a mixed D-A structure. 2012 , 18, 14286-91	74
850	A chiral phthalocyanine dimer with well-defined supramolecular symmetry based on \blacksquare interactions. 2012 , 18, 15948-52	26
849	Preclusion of nano scale self-assembly in block-selective non-aqueous solvents for rodfloil and coilflodfloil macromolecular surfactants based on perylene tetracarboxylic diimide. 2012 , 48, 1538-1554	11
848	Self-Assembly and Self-Organization. 2012 ,	1
847	Selecting speed-dependent pathways for a programmable nanoscale texture by wet interfaces. Chemical Society Reviews, 2012 , 41, 6859-73	; 19
846	Self-assembly of twisted tetrachloroperylenediimide chromophores into two dimensional brick-stone aggregates: exciton dynamics and photoconductivity. 2012 ,	25

845	Gels of shape-persistent macrocycles: the role of the interior. 2012 , 48, 6547-9		14
844	Self-assembly of a triple-zwitterion in polar solutions: hierarchical formation of nanostructures. <i>Soft Matter</i> , 2012 , 8, 3154	3.6	10
843	Supramolecular polymeric nanowires: preparation and orthogonal modification of their photophysical properties. 2012 , 22, 4306-4311		5
842	Multi-mode waveguides from ultra-long self-assembled hexagonal faceted microtubules of a benzothiadiazole molecule. 2012 , 48, 11668-70		10
841	Probing the effect of substituted groups on sensory properties based on single-crystalline micro/nanostructures of perylenediimide dyes. <i>New Journal of Chemistry</i> , 2012 , 36, 1080	3.6	24
840	Excitation energy transfer from non-aggregated molecules to perylenediimide nanoribbons via ionic interactions in water. 2012 , 22, 12547		9
839	Electrogenerated upconverted emission from doped organic nanowires. 2012 , 48, 85-7		20
838	Controlling growth of molecular crystal aggregates for efficient optical waveguides. 2012 , 48, 9011-3		34
837	Gas phase-based growth of highly sensitive single-crystal rectangular micro- and nanotubes. 2012 , 22, 883-888		36
836	Light-controlled self-assembly and conductance: from nanoribbons to nanospheres. <i>RSC Advances</i> , 2012 , 2, 2902	3.7	18
835	Stable organic radical stacked by in situ coordination to rare earth cations in MOF materials. <i>RSC Advances</i> , 2012 , 2, 949-955	3.7	29
834	Solution-processed organic nano- and micro-materials: design strategy, growth mechanism and applications. 2012 , 22, 785-798		53
833	Targeting ordered oligothiophene fibers with enhanced functional properties by interplay of self-assembly and wet lithography. 2012 , 22, 20852		23
832	Morphology-dependent supramolecular photocatalytic performance of porphyrin nanoassemblies: from molecule to artificial supramolecular nanoantenna. 2012 , 22, 20243		85
831	Fabrication of nanofibers through a unique morphological transformation of poly(lactic acid) particles in water. 2012 , 48, 2319-21		5
830	Photophysical properties of spherical aggregations of CdS nanocrystals capped with a chromophoric surface agent. 2012 , 41, 7067-72		15
829	Post-self-assembly cross-linking of molecular nanofibers for oscillatory hydrogels. <i>Langmuir</i> , 2012 , 28, 3063-6	4	38
828	Exploiting Direct and Cascade Energy Transfer for Color-Tunable and White-Light Emission in Three-Component Self-Assembled Nanofibers. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 21706-21716	3.8	43

827	Alkylene-Chain Effect on Microwire Growth and Crystal Packing of EMoieties. 2012, 24, 1944-1949		41
826	Aggregation-induced red-NIR emission organic nanoparticles as effective and photostable fluorescent probes for bioimaging. 2012 , 22, 15128		156
825	Diffusion-controlled detection of trinitrotoluene: interior nanoporous structure and low highest occupied molecular orbital level of building blocks enhance selectivity and sensitivity. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4978-82	16.4	129
824	Aromatic/perfluoroaromatic self-assembly effect: an effective strategy to improve the NLO effect. 2012 , 22, 18486		36
823	Enhancing the photoelectric effect with a potential-programmed molecular rectifier. <i>Journal of the American Chemical Society</i> , 2012 , 134, 8412-5	16.4	11
822	Photodriven Electron Transport within the Columnar Perylenediimide Nanostructures Self-Assembled with Sulfonated Porphyrins in Water. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 23274-	232 <mark>8</mark> 2	33
821	Ionically Self-Assembled, Multi-Luminophore One-Dimensional Micro- and Nanoscale Aggregates of Thiacarbocyanine GUMBOS. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 8251-8260	3.8	24
820	Organic field-effect transistors based on semiconducting porphyrin single crystals. 2012 , 162, 419-425		12
819	p-Phenyleneethynylene-based comb-like oligomers: the synthesis and self-assembling property. 2012 , 68, 5303-5310		3
818	Optical materials based on molecular nanoparticles. <i>Nanoscale</i> , 2012 , 4, 343-59	7.7	88
818 817	Optical materials based on molecular nanoparticles. <i>Nanoscale</i> , 2012 , 4, 343-59 Vapor-phase detection of trinitrotoluene by AIEE-active hetero-oligophenylene-based carbazole derivatives. <i>Langmuir</i> , 2012 , 28, 12417-21	7.7	49
	Vapor-phase detection of trinitrotoluene by AIEE-active hetero-oligophenylene-based carbazole		49
817	Vapor-phase detection of trinitrotoluene by AIEE-active hetero-oligophenylene-based carbazole derivatives. <i>Langmuir</i> , 2012 , 28, 12417-21 Understanding the metal-directed growth of single-crystal M-TCNQF4 organic nanowires with time-resolved, in situ X-ray diffraction and first-principles theoretical studies. <i>Journal of the</i>	4	49
817 816	Vapor-phase detection of trinitrotoluene by AIEE-active hetero-oligophenylene-based carbazole derivatives. <i>Langmuir</i> , 2012 , 28, 12417-21 Understanding the metal-directed growth of single-crystal M-TCNQF4 organic nanowires with time-resolved, in situ X-ray diffraction and first-principles theoretical studies. <i>Journal of the American Chemical Society</i> , 2012 , 134, 14353-61 Quinoacridine derivatives with one-dimensional aggregation-induced red emission property.	4	49
817 816 815	Vapor-phase detection of trinitrotoluene by AIEE-active hetero-oligophenylene-based carbazole derivatives. <i>Langmuir</i> , 2012 , 28, 12417-21 Understanding the metal-directed growth of single-crystal M-TCNQF4 organic nanowires with time-resolved, in situ X-ray diffraction and first-principles theoretical studies. <i>Journal of the American Chemical Society</i> , 2012 , 134, 14353-61 Quinoacridine derivatives with one-dimensional aggregation-induced red emission property. <i>Langmuir</i> , 2012 , 28, 1439-46 Zinc titanate nanopowder: an advanced nanotechnology based recyclable heterogeneous catalyst for the one-pot selective synthesis of self-aggregated low-molecular mass	4	49 17 28
817 816 815	Vapor-phase detection of trinitrotoluene by AIEE-active hetero-oligophenylene-based carbazole derivatives. Langmuir, 2012, 28, 12417-21 Understanding the metal-directed growth of single-crystal M-TCNQF4 organic nanowires with time-resolved, in situ X-ray diffraction and first-principles theoretical studies. Journal of the American Chemical Society, 2012, 134, 14353-61 Quinoacridine derivatives with one-dimensional aggregation-induced red emission property. Langmuir, 2012, 28, 1439-46 Zinc titanate nanopowder: an advanced nanotechnology based recyclable heterogeneous catalyst for the one-pot selective synthesis of self-aggregated low-molecular mass acceptorBonorBcceptorBcceptor systems and acceptorBonorBcceptor triads. 2012, 14, 1376 Self-Seeded Growth of Poly(3-hexylthiophene) (P3HT) Nanofibrils by a Cycle of Cooling and Heating	4	49 17 28 30
817 816 815 814 813	Vapor-phase detection of trinitrotoluene by AIEE-active hetero-oligophenylene-based carbazole derivatives. <i>Langmuir</i> , 2012 , 28, 12417-21 Understanding the metal-directed growth of single-crystal M-TCNQF4 organic nanowires with time-resolved, in situ X-ray diffraction and first-principles theoretical studies. <i>Journal of the American Chemical Society</i> , 2012 , 134, 14353-61 Quinoacridine derivatives with one-dimensional aggregation-induced red emission property. <i>Langmuir</i> , 2012 , 28, 1439-46 Zinc titanate nanopowder: an advanced nanotechnology based recyclable heterogeneous catalyst for the one-pot selective synthesis of self-aggregated low-molecular mass acceptorBonorBcceptorBcceptor systems and acceptorBonorBcceptor triads. 2012 , 14, 1376 Self-Seeded Growth of Poly(3-hexylthiophene) (P3HT) Nanofibrils by a Cycle of Cooling and Heating in Solutions. 2012 , 45, 7504-7513	4	49 17 28 30

809	Optical modulation based on direct photon-plasmon coupling in organic/metal nanowire heterojunctions. 2012 , 24, 5681-6		58
808	Rotation-locked 2,6-pyrido-allenophanes: characterization of all stereoisomers. 2012 , 18, 13836-43		15
807	A self-assembly phase diagram from amphiphilic perylene diimides. 2012 , 18, 12305-13		33
806	Sterically-limited self-assembly of Pt4 macrocycles into discrete non-covalent nanotubes: porous supramolecular tetramers and hexamers. 2012 , 18, 13712-21		13
805	Vibrational spectroscopy of self-assembling aromatic peptide derivates. 2012 , 43, 1397-1406		17
804	Self-assembly and luminescence of pyrazole supergelators. <i>Soft Matter</i> , 2012 , 8, 6799	3.6	19
803	A model for the controlled assembly of semiconductor peptides. <i>Nanoscale</i> , 2012 , 4, 6940-7	7.7	63
802	Aromatic amide foldamers: structures, properties, and functions. <i>Chemical Reviews</i> , 2012 , 112, 5271-316	568.1	499
801	Porphyrin assemblies via a surfactant-assisted method: from nanospheres to nanofibers with tunable length. <i>Langmuir</i> , 2012 , 28, 15482-90	4	49
800	Combining form with functionthe dawn of phosphole-based functional materials. 2012 , 41, 7792-800		173
799	The synthesis, photophysical and electrochemical properties of a series of novel 3,8,13-substituted triindole derivatives. <i>Dyes and Pigments</i> , 2012 , 95, 679-688	4.6	13
798	Synthesis of novel supramolecular triads bearing a H-bonded perylene bisimide core. 2012 , 68, 7926-793	31	9
797	Self-Assembly of Supramolecular Wires. 2012 ,		1
796	Fullerene/cobalt porphyrin hybrid nanosheets with ambipolar charge transporting characteristics. <i>Journal of the American Chemical Society</i> , 2012 , 134, 7204-6	16.4	104
795	Fast detection of organic amine vapors based on fluorescent nanofibrils fabricated from triphenylamine functionalized ⊞iketone-boron difluoride. 2012 , 22, 1167-1172		110
794	Programmed self-assembly of large -conjugated molecules into electroactive one-dimensional nanostructures. 2012 , 13, 033001		48
793	Photoelectrochemical Photocurrent Switching and Related Phenomena. 2012 , 165-197		1
792	Wire-on-wire growth of fluorescent organic heterojunctions. <i>Journal of the American Chemical Society</i> , 2012 , 134, 2880-3	16.4	111

791	Self-Assembly of 2D Nanosheets into 3D Dendrites Based on the Organic Small Molecule ANPZ and Their Size-Dependent Thermal Properties. 2012 , 12, 3418-3425		21
790	Organic nanocrystals of [2.2]paracyclophanes achieved via sonochemistry: enhanced and red-shifted emission involving edge-to-face chromophores. <i>CrystEngComm</i> , 2012 , 14, 7567	3.3	7
789	Polymerization with Ditopic Cavitand Monomers. 2012 , 71-93		
788	Alkyne Metathesis Polymerization (ADIMET) and Macrocyclization (ADIMAC). 2012, 135-154		
787	Tetraphenylethenyl-modified perylene bisimide: aggregation-induced red emission, electrochemical properties and ordered microstructures. 2012 , 22, 7387		134
786	High-Mobility Organic Single-Crystal Microtubes of Soluble Pentacene Semiconductors with Hollow Tetragonal Structures. 2012 , 24, 2752-2756		30
7 ⁸ 5	Giant Conjugated Macrocycles: Synthesis and Applications. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2012 , 70, 1157-1163	0.2	6
784	Self-assembly of a dendron-attached tetrathiafulvalene: gel formation and modulation in the presence of chloranil and metal ions. 2012 , 8, 578-84		25
783	Controlled Synthesis and Energy Applications of One-Dimensional Conducting Polymer Nanostructures: An Overview. 2012 , 2, 179-218		284
782	Size dependence of molecular self-assembling in stacked aggregates. 1. NMR investigation of ciprofloxacin self-association. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 6488-98	3.4	21
781	Morphological and dimensional control via hierarchical assembly of doped oligoaniline single crystals. <i>Journal of the American Chemical Society</i> , 2012 , 134, 9251-62	16.4	93
78o	Metallosupramolecular amphiphilic Esystems. <i>Chemical Science</i> , 2012 , 3, 1395	9.4	59
779	Charge transport in fibre-based perylene-diimide transistors: effect of the alkyl substitution and processing technique. <i>Nanoscale</i> , 2012 , 4, 2387-93	7.7	30
778	Ultrafine nanofibers fabricated from an arylene-ethynylene macrocyclic molecule using surface assisted self-assembly. 2012 , 48, 8904-6		18
777	From bola-amphiphiles to supra-amphiphiles: the transformation from two-dimensional nanosheets into one-dimensional nanofibers with tunable-packing fashion of n-type chromophores. 2012 , 18, 8622-	8	56
776	Two-dimensional nanoarchitectonics: organic and hybrid materials. <i>Nanoscale</i> , 2012 , 4, 6102-17	7.7	116
775	Controlling chemical self-assembly by solvent-dependent dynamics. <i>Journal of the American Chemical Society</i> , 2012 , 134, 13482-91	16.4	186
774	Decomposition-assembly of tetraphenylethylene nanoparticles with uniform size and aggregation-induced emission property. 2012 , 33, 1584-9		18

773	Excitonic coupling interactions in the self-assembly of perylene-bridged bis(ﷺ yclodextrin)s and porphyrin. 2012 , 48, 3644-6		42
772	DNA-multichromophore systems. <i>Chemical Reviews</i> , 2012 , 112, 4221-45	.1	263
771	Self-Assembled Sugar-Substituted Perylene Diimide Nanostructures with Homochirality and High Gas Sensitivity. 2012 , 22, 4149-4158		98
770	Coaxial organic p-n heterojunction nanowire arrays: one-step synthesis and photoelectric properties. 2012 , 24, 2332-6		80
769	Small molecular nanowire arrays assisted by superhydrophobic pillar-structured surfaces with high adhesion. 2012 , 24, 2780-5		71
768	Macrocyclic Restriction with Flexible Alkylene Linkers: A Simple Strategy to Control the Solid-State Properties of Econjugated Systems. <i>Angewandte Chemie</i> , 2012 , 124, 738-741	,)	10
767	Expanded Borazine: An Ambipolar Conjugated BN Macrocycle. Angewandte Chemie, 2012, 124, 8118-813	Ó	35
766	Expanded borazine: an ambipolar conjugated B-EN macrocycle. 2012, 51, 7994-8		99
765	Oligo(p-phenylene-ethynylene)-derived super-Egelators with tunable emission and self-assembled polymorphic structures. 2012 , 7, 2061-7		40
764	Isolable chiral aggregates of achiral Econjugated carboxylic acids. 2012 , 18, 3631-6		11
764 763	Isolable chiral aggregates of achiral Econjugated carboxylic acids. 2012, 18, 3631-6 Chiral J-aggregates of atropo-enantiomeric perylene bisimides and their self-sorting behavior. 2012, 18, 7060-70		11 64
	Chiral J-aggregates of atropo-enantiomeric perylene bisimides and their self-sorting behavior. 2012		
763	Chiral J-aggregates of atropo-enantiomeric perylene bisimides and their self-sorting behavior. 2012 , 18, 7060-70 Organic Solid-State Fluorescence: Strategies for Generating Switchable and Tunable Fluorescent		64
763 762	Chiral J-aggregates of atropo-enantiomeric perylene bisimides and their self-sorting behavior. 2012, 18, 7060-70 Organic Solid-State Fluorescence: Strategies for Generating Switchable and Tunable Fluorescent Materials. 2012, 77, 518-531 Supramolecularly engineered perylene bisimide assemblies exhibiting thermal transition from	-4	64 185
763 762 761	Chiral J-aggregates of atropo-enantiomeric perylene bisimides and their self-sorting behavior. 2012, 18, 7060-70 Organic Solid-State Fluorescence: Strategies for Generating Switchable and Tunable Fluorescent Materials. 2012, 77, 518-531 Supramolecularly engineered perylene bisimide assemblies exhibiting thermal transition from columnar to multilamellar structures. <i>Journal of the American Chemical Society</i> , 2012, 134, 7983-94	-4	64 185 115
763 762 761	Chiral J-aggregates of atropo-enantiomeric perylene bisimides and their self-sorting behavior. 2012, 18, 7060-70 Organic Solid-State Fluorescence: Strategies for Generating Switchable and Tunable Fluorescent Materials. 2012, 77, 518-531 Supramolecularly engineered perylene bisimide assemblies exhibiting thermal transition from columnar to multilamellar structures. <i>Journal of the American Chemical Society</i> , 2012, 134, 7983-94 Perylenetetracarboxylic diimide derivatives linked with spirobifluorene. 2012, 14, 3052-5 Self-assembled monolayer and multilayer films based on L-lysine functionalized perylene bisimide.	-4	64 185 115
763 762 761 760	Chiral J-aggregates of atropo-enantiomeric perylene bisimides and their self-sorting behavior. 2012, 18, 7060-70 Organic Solid-State Fluorescence: Strategies for Generating Switchable and Tunable Fluorescent Materials. 2012, 77, 518-531 Supramolecularly engineered perylene bisimide assemblies exhibiting thermal transition from columnar to multilamellar structures. <i>Journal of the American Chemical Society</i> , 2012, 134, 7983-94 Perylenetetracarboxylic diimide derivatives linked with spirobifluorene. 2012, 14, 3052-5 Self-assembled monolayer and multilayer films based on L-lysine functionalized perylene bisimide. 2012, 22, 4312-4318 Self-assembly of supra-amphiphiles based on dual charge-transfer interactions: from nanosheets to	-4	64 185 115 14

755	Shape-persistent macrocycles: efficient extraction towards lanthanide and actinide elements. 2012 , 72, 367-373		30
754	Self-assembly of aniline oligomers in aqueous medium. 2012 , 290, 817-828		16
753	Self-assembled aggregates of amphiphilic perylene diimide-based semiconductor molecules: effect of morphology on conductivity. <i>Journal of Colloid and Interface Science</i> , 2012 , 368, 387-94	9.3	62
75 ²	Fluorescent organic nanoparticles self-assembled from hexa[p-(carbonyl glycin methyl ester) phenoxy] cyclotriphosphazene in solution. <i>Journal of Colloid and Interface Science</i> , 2012 , 375, 41-9	9.3	6
75 ¹	Thermodynamic, kinetic, and structural factors in the synthesis of imine-linked dynamic covalent frameworks. 2012 , 68, 53-64		27
75°	Synthesis and optical properties of perylene diimide derivatives with triphenylene-based dendrons linked at the bay positions through a conjugated ethynyl linkage. 2012 , 68, 2806-2818		28
749	Facile synthesis of 1-bromo-7-alkoxyl perylene diimide dyes: toward unsymmetrical functionalizations at the 1,7-positions. 2012 , 53, 1094-1097		42
748	Donor-acceptor copolymer based on dioctylporphyrin: Synthesis and application in organic field-effect transistors. 2012 , 53, 1864-1869		10
747	Discovery of a full-color-tunable fluorescent core framework through direct C-H (hetero)arylation of N-heterocycles. 2012 , 18, 1599-603		117
746	Light-harvesting hybrid assemblies. 2012 , 18, 2184-94		118
746 745	Light-harvesting hybrid assemblies. 2012 , 18, 2184-94 Molecular crystal lithography: a facile and low-cost approach to fabricate nanogap electrodes. 2012 , 24, 694-8		118
	Molecular crystal lithography: a facile and low-cost approach to fabricate nanogap electrodes. 2012		
745	Molecular crystal lithography: a facile and low-cost approach to fabricate nanogap electrodes. 2012 , 24, 694-8 One-dimensional organic photonic heterostructures: rational construction and spatial engineering		21
745 744	Molecular crystal lithography: a facile and low-cost approach to fabricate nanogap electrodes. 2012, 24, 694-8 One-dimensional organic photonic heterostructures: rational construction and spatial engineering of excitonic emission. 2012, 24, 1703-8 Macrocyclic restriction with flexible alkylene linkers: a simple strategy to control the solid-state		21 54
745 744 743	Molecular crystal lithography: a facile and low-cost approach to fabricate nanogap electrodes. 2012, 24, 694-8 One-dimensional organic photonic heterostructures: rational construction and spatial engineering of excitonic emission. 2012, 24, 1703-8 Macrocyclic restriction with flexible alkylene linkers: a simple strategy to control the solid-state properties of Etonjugated systems. 2012, 51, 714-7 New sulfonated aramide nanoparticles and their copper complexes with anomalous dielectric	7.1	215428
745 744 743 742	Molecular crystal lithography: a facile and low-cost approach to fabricate nanogap electrodes. 2012, 24, 694-8 One-dimensional organic photonic heterostructures: rational construction and spatial engineering of excitonic emission. 2012, 24, 1703-8 Macrocyclic restriction with flexible alkylene linkers: a simple strategy to control the solid-state properties of Etonjugated systems. 2012, 51, 714-7 New sulfonated aramide nanoparticles and their copper complexes with anomalous dielectric behavior. 2013, 128, 310-321 Color-tunable organic composite nanoparticles based on perylene tetracarboxylic-diimides and a	7.1	2154288
745 744 743 742 741	Molecular crystal lithography: a facile and low-cost approach to fabricate nanogap electrodes. 2012, 24, 694-8 One-dimensional organic photonic heterostructures: rational construction and spatial engineering of excitonic emission. 2012, 24, 1703-8 Macrocyclic restriction with flexible alkylene linkers: a simple strategy to control the solid-state properties of Etonjugated systems. 2012, 51, 714-7 New sulfonated aramide nanoparticles and their copper complexes with anomalous dielectric behavior. 2013, 128, 310-321 Color-tunable organic composite nanoparticles based on perylene tetracarboxylic-diimides and a silicon-cored fluoranthene derivate. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5367 Convergent synthesis of hexameric naphthylene macrocycles with dicarboxylic imide appendages.	7.1	21 54 28 8

737	T-shaped donor-acceptor molecules for low-loss red-emission optical waveguide. 2013 , 15, 3530-3		55
736	The Formation of Hydrogen-Bond Facilitated Salts with Tunable Optical Properties: An Experimental and Theoretical Study of 2,4,5-Triphenylimidazole. 2013 , 13, 333-340		23
735	Polymorph, assembly, luminescence and semiconductor properties of a quinacridone derivative with extended Econjugated framework. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 5548	7.1	26
734	Preparation and ambipolar transistor characteristics of co-crystal microrods of dibenzotetrathiafulvalene and tetracyanoquinodimethane. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2286	7.1	46
733	Laminated nanotapes fabricated from conformation specific self-assembly of N-annulated perylene derivatives. 2013 , 49, 9212-4		6
732	Proton-coupled self-assembly of a porphyrin-naphthalenediimide dyad. 2013 , 14, 1609-17		11
731	Self-assembly of coronene bisimides: mechanistic insight and chiral amplification. 2013 , 19, 11270-8		31
730	Solvent-assisted self-assembly of fullerene into single-crystal ultrathin microribbons as highly sensitive UV-visible photodetectors. 2013 , 7, 7573-82		103
729	Fusion at the non-K-region of pyrene: an alternative strategy to extend the Econjugated plane of pyrene. 2013 , 15, 4378-81		26
728	Studies on the interaction of fluorescein isothiocyanate and its sugar analogues with cetyltrimethylammonium bromide. 2013 , 561-562, 147-152		12
727	Flexible Nonvolatile Transistor Memory Devices Based on One-Dimensional Electrospun P3HT:Au Hybrid Nanofibers. 2013 , 23, 4960-4968		107
726	Spectral Signatures of Perylene Diimide Derivatives: Insights From Theory. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 21682-21691	3.8	10
725	Morphology control of nanofibril donor-acceptor heterojunction to achieve high photoconductivity: exploration of new molecular design rule. <i>Journal of the American Chemical Society</i> , 2013 , 135, 16490-6	16.4	27
724	Two-component gel of a DAD carbazole donor and a fullerene acceptor. <i>RSC Advances</i> , 2013 , 3, 26403	3.7	34
723	Self-assembly of semiconductor/insulator interfaces in one-step spin-coating: a versatile approach for organic field-effect transistors. 2013 , 15, 7917-33		47
722	Self-assembly of light-harvesting crystalline nanosheets in aqueous media. 2013 , 7, 3547-56		49
721	Target-oriented analysis of gaseous, liquid and solid chemical systems by mass spectrometry, nuclear magnetic resonance spectroscopy and electron microscopy. 2013 , 82, 648-685		169
720	Crystalline supramolecular nanofibers based on dehydrobenzoannulene derivatives. 2013 , 19, 15366-77	,	24

719	Formation of two-dimensional supramolecular polymers by amphiphilic pyrene oligomers. 2013, 52, 11	488-93	3 78
718	Ambipolar Carrier Injections Governed by Electrochemical Potentials of Ionic Liquids in Electric-Double-Layer Thin-Film Transistors of Lead- and Titanyl-Phthalocyanine. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 5552-5557	3.8	17
717	Fabrication of highly fluorescent perylene bisimide nanofibers through interfacial self-assembly. Journal of Colloid and Interface Science, 2013 , 393, 377-83	9.3	22
716	Spontaneous formation of a large area, aligned, ordered, Etonjugated film with polarized fluorescence and an amplified spontaneous emission based on a liquid crystalline bi-1,3,4-oxadiazole derivative. RSC Advances, 2013, 3, 19104	3.7	3
715	First-Principles Study of a Novel Molecular Rectifier. 2013 , 12, 719-724		9
714	Effects of molecular structures and solvent properties on the self-assembly of carbazole-based conjugated dendrimers by solvent vapor annealing. <i>RSC Advances</i> , 2013 , 3, 8037	3.7	7
713	Nonvolatile organic field effect transistor memory devices using one-dimensional aligned electrospun nanofiber channels of semiconducting polymers. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 5336	7.1	30
712	Highly ordered, ultra long nanofibrils via the hierarchical self-assembly of ionic aromatic oligoamides. <i>Soft Matter</i> , 2013 , 9, 4642	3.6	14
711	Controlling the electron-deficiency of self-assembling pyrazine-acenes: a collaborative experimental and theoretical investigation. 2013 , 15, 5967-74		16
710	The importance of the amide configuration in the gelation process and topochemical polymerization of phenylacetylene macrocycles. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2680	7.1	24
709	Solvent-induced self-assembly of hydrogen bonded P4VP-perylenebisimide comb polymer. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 5925	7.1	10
708	Photochromism of novel chromenes constrained to be part of [2.2]paracyclophane: remarkable phaneleffects on the colored o-quinonoid intermediates. <i>New Journal of Chemistry</i> , 2013 , 37, 82-88	3.6	15
707	Self-assembling decacyclene triimides prepared through a regioselective hextuple Friedel-Crafts carbamylation. 2013 , 52, 1446-51		78
706	Mechanochemical synthesis of a fluorenone-based metal organic framework with polarized fluorescence: an experimental and computational study. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 997-	1004	52
705	One-dimensional self-assembly of phenylacetylene macrocycles: effect of peripheral substituents. Journal of Colloid and Interface Science, 2013 , 395, 99-103	9.3	10
704	Multivalent glycoclusters constructed by chiral self-assembly of mannose functionalized perylene bisimide. 2013 , 11, 1007-12		31
703	Controllable Growth and Assembly of One-Dimensional Structures of Organic Functional Materials for Optoelectronic Applications. 2013 , 397-414		
702	Organic One-Dimensional Nanostructures: Construction and Optoelectronic Properties. 2013 , 381-395		

701	The leverage effect of the relative strength of molecular solvophobicity vs. solvophilicity on fine-tuning nanomorphologies of perylene diimide bolaamphiphiles. <i>Soft Matter</i> , 2013 , 9, 3089	3.6	12
700	Tuning the photodriven electron transport within the columnar perylenediimide stacks by changing the Eextent of the electron donors. 2013 , 15, 2539-46		12
699	Controllable Hierarchical Self-Assembly and Disassembly of Stable Zinc Phthalocyanine-Peptide Nucleic Acid-Perylene Diimide Nanoheterojunctions. 2013 , 2, 54-59		3
698	Self-Assembling Decacyclene Triimides Prepared through a Regioselective Hextuple Friedel@rafts Carbamylation. <i>Angewandte Chemie</i> , 2013 , 125, 1486-1491	3.6	13
697	Cooperative supramolecular polymerization: comparison of different models applied on the self-assembly of bis(merocyanine) dyes. 2013 , 19, 206-17		50
696	Construction of supramolecular self-assembled microfibers with fluorescent properties through a modified ionic self-assembly (ISA) strategy. 2013 , 19, 1076-81		20
695	Length tunable porphyrinoid porous coordination polymer rods and their heterogeneous catalytic study on olefin oxidation. 2013 , 31, 29-32		3
694	Effect of core-substituted groups on sensing properties based on single micro/nanorod of perylenediimide derivatives. 2013 , 188, 411-416		21
693	Comparative study of (Z)-4-oxo-4-ureido-but-2-enoic acid and p-toluenesulfonic acid 3-nitrophenyl ester by crystal engineering and DFT calculation. 2013 , 374, 79-87		3
692	Hybrid molecular nanostructures with donor-acceptor chains. 2013 , 56, 124-130		8
691	Synthesis, physical properties, and self-assembly of a novel asymmetric aroyleneimidazophenazine. 2013 , 8, 665-9		40
690	Programming Hierarchical Supramolecular Nanostructures by Molecular Design. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 3440-3445	3.8	20
689	Color control in coaxial two-luminophore nanowires. 2013 , 7, 2977-87		49
688	Fluorescence of chemically derived graphene: Effect of self-rolling up and aggregation. 2013, 136, 32-3	7	14
687	Self-assembled pentacenequinone derivative for trace detection of picric acid. <i>ACS Applied Materials & Design Communication (Natural Science)</i> 3 (1978) 1 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (1978) 2 (9.5	170
686	Self-Assembled Organic Crystalline Microrings as Active Whispering-Gallery-Mode Optical Resonators. <i>Advanced Optical Materials</i> , 2013 , 1, 357-361	8.1	41
685	Organic and organometallic nanofibers formed by supramolecular assembly of diamond-shaped macrocyclic ligands and Pd(II) complexes. 2013 , 8, 1368-71		20
684	Synthesis and self-assembly of triphenylene-containing conjugated macrocycles. <i>RSC Advances</i> , 2013 , 3, 6008	3.7	7

(2013-2013)

683	Self-assembly of organic luminophores with gelation-enhanced emission characteristics. <i>Soft Matter</i> , 2013 , 9, 4564	3.6	161
682	Organic Submicro Tubular Optical Waveguides: Self-Assembly, Diverse Geometries, Efficiency, and Remote Sensing Properties. <i>Advanced Optical Materials</i> , 2013 , 1, 305-311	8.1	78
681	Synthesis and applications of organic nanorods, nanowires and nanotubes. 2013 , 109, 211		40
68o	Covalent modular approach for dimension-controlled self-organization of perylene bisimide dyes. 2013 , 19, 6561-5		27
679	A pyridyl-monoannulated naphthalene diimide motif self-assembles into tuneable nanostructures by means of solvophobic control. 2013 , 19, 7310-3		12
678	Guided supramolecular polymerization of oligo(p-phenylenevinylene) functionalized bismelamines. 2013 , 49, 4941-3		14
677	Conformation-variable PDI@點heet nanohelices show stimulus-responsive supramolecular chirality. 2013 , 49, 4914-6		20
676	Ultrasound-assisted construction of halogen-bonded nanosized cocrystals that exhibit thermosensitive luminescence. 2013 , 19, 8213-9		71
675	One-dimensional porphyrin nanoassemblies assisted via graphene oxide: sheetlike functional surfactant and enhanced photocatalytic behaviors. <i>ACS Applied Materials & District Action</i> , 5, 533	36 ⁹ 4 ⁵ 5	92
674	Organic microbelt array based on hydrogen-bond architecture showing polarized fluorescence and two-photon emission. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4138	7.1	34
673	Solvent-polarity-tuned morphology and inversion of supramolecular chirality in a self-assembled pyridylpyrazole-linked glutamide derivative: nanofibers, nanotwists, nanotubes, and microtubes. 2013 , 19, 9234-41		113
672	Luminescent one-dimensional nanostructures of perylene bisimides. 2013 , 113, 340-5		6
671	Attogram detection of picric acid by hexa-peri-hexabenzocoronene-based chemosensors by controlled aggregation-induced emission enhancement. <i>ACS Applied Materials & Description</i> (2013, 5, 5373-80)	9.5	113
670	Trigonal prismatic bicyclocalixaromatics, synthesis and structures. 2013 , 25, 409-415		5
669	Small organic single-crystalline one-dimensional micro- and nanostructures for miniaturized devices. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 3633	7.1	43
668	Vertically Aligned Hybrid Core/Shell Semiconductor Nanowires for Photonics Applications. 2013 , 23, 5981-5989		33
667	Supramolecular organogels and nanowires based on a V-shaped cyanostilbene amide derivative with aggregation-induced emission (AIE) properties. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 4472	7.1	44
666	One-dimensional self-assembly of a water soluble perylene diimide molecule by pH triggered hydrogelation. 2013 , 49, 6894-6		93

665	Photocatalytic Degradation of Toluene Over Spindle-like Porphyrinoid Nanostructures. 2013 , 18, 353-3	58	1
664	Chromism based on supramolecular H-bonds. 2013 , 15, 11960-5		3
663	A new MCM-41 supported HPF6 catalyst for the library synthesis of highly substituted 1,4-dihydropyridines and oxidation to pyridines: report of one-dimensional packing towards LMSOMs and studies on their photophysical properties. 2013 , 15, 1910		43
662	Porphyrin-Based Supramolecular Nanoarchitectures for Solar Energy Conversion. <i>Journal of Physical Chemistry Letters</i> , 2013 , 4, 1771-80	6.4	96
661	Organic n-type materials for charge transport and charge storage applications. 2013, 15, 9007-24		70
660	Enhancement of Photodriven Charge Separation by Conformational and Intermolecular Adaptations of an Anthracene Perylenediimide Anthracene Triad to an Aqueous Environment. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 12438-12445	3.8	22
659	Self-assembled oligo(phenylene ethynylene)s/graphene nanocomposite with improved electrochemical performances for dopamine determination. 2013 , 767, 59-65		22
658	Dipole-Controlled Self-Assembly of 2,7-Bis(n-alkoxy)-9-fluorenone: Odd E ven and Chain-Length Effects. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 12707-12714	3.8	46
657	One-step surface doping of organic nanofibers to achieve high dark conductivity and chemiresistor sensing of amines. <i>ACS Applied Materials & District Research</i> , 1975–1988.	9.5	24
656	Sequential electrophilic and photochemical cyclizations from bis(bithienyl)acetylene to a tetrathienonaphthalene core. 2013 , 15, 80-3		24
655	Supramolecular Polymers Formed by ABC Miktoarm Star Peptides. 2013 , 2, 1088-1094		34
654	Self-assembly into temperature dependent micro-/nano-aggregates of 5,10,15,20-tetrakis(4-carboxyl phenyl)-porphyrin. 2013 , 33, 4944-51		14
653	Self Assembly of Silver(I) Complexes Containing 1,4-Bis[(3-pyridyl)ethynyl]benzene. 2013, 13, 4245-425	1	7
652	Flexible free-standing luminescent two-component fiber films with tunable hierarchical structures based on hydrogen-bonding architecture. <i>Langmuir</i> , 2013 , 29, 15673-81	4	10
651	Highly Oriented Self-Assembly of Conducting Polymer Chains: Extended-Chain Crystallization during Long-Range Polymerization. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 15402-15408	3.8	9
650	Self-assembly solid-state enhanced red emission of quinolinemalononitrile: optical waveguides and stimuli response. <i>ACS Applied Materials & Discrete State </i>	9.5	156
649	Interface properties of organic para-hexaphenyl/Bexithiophene heterostructures deposited on highly oriented pyrolytic graphite. <i>Langmuir</i> , 2013 , 29, 14444-50	4	8
648	Covalent organic frameworks (COFs): from design to applications. <i>Chemical Society Reviews</i> , 2013 , 42, 548-68	58.5	2213

647	Advances in supramolecular electronics - from randomly self-assembled nanostructures to addressable self-organized interconnects. 2013 , 25, 477-87	130
646	Synthesis, self-assembly and photovoltaic applications of tribenzopentaphene derivatives. <i>RSC Advances</i> , 2013 , 3, 20666	6
645	An unsymmetrically Eextended porphyrin-based single-crystal field-effect transistor and its anisotropic carrier-transport behavior. 2013 , 19, 2247-51	14
644	Energy and Electron Transfer of One-Dimensional Nanomaterials of Perylenediimides. 2013 , 2, M3051-M3062	14
643	Structural transformation between supramolecular nanofibers with drastic change of conductivity by heat and ultrasound. 2013 , 8, 1372-6	12
642	Instant visual detection of picogram levels of trinitrotoluene by using luminescent metal-organic framework gel-coated filter paper. 2013 , 19, 16665-71	36
641	Formation of Two-Dimensional Supramolecular Polymers by Amphiphilic Pyrene Oligomers. Angewandte Chemie, 2013 , 125, 11702-11707 3.6	32
640	Single-Crystal Organic Nanowire Electronics by Direct Printing from Molecular Solutions. 2013, 23, n/a-n/a	15
639	Manipulation of light flows in organic color-graded microstructures towards integrated photonic heterojunction devices. 2013 , 25, 2854-9	49
638	Hydrindacene-based acetylenic macrocycles with horizontally and vertically ordered functionality arrays. 2013 , 19, 4513-24	8
637	Molecular assembly of amino acid interlinked, topologically symmetric, Ecomplementary donor-acceptor-donor triads. 2013 , 9, 1565-71	8
636	Microscopic Studies of Various Sizes of Gold Nanoparticles and Their Cellular Localizations. 2013 , 2013, 1-13	29
635	Improving the reactivity of phenylacetylene macrocycles toward topochemical polymerization by side chains modification. 2014 , 10, 1613-1619	5
634	Atomistic study on dithiolated oligo-phenylenevinylene gated device. 2014 , 116, 204504	6
633	Columnar organization of stack-assembled trimesic acid on graphene. 2014 , 26, 435305	3
632	Decomposition and transformation of pyrene-derivative micelles at intracellular milieu and their influence on cytoviability. 2014 , 14, 1748-54	8
631	QSPR modelling of dielectric constants of £conjugated organic compounds by means of the CORAL software. 2014 , 25, 507-26	36
630	Directed self-assembled crystalline oligomer domains on graphene and graphite. 2014 , 25, 035602	12

629	Substituted zinc phthalocyanine based nanowires for room temperature ppb level Cl2 sensing application. 2014 ,		3
628	Surfactant-assisted fabrication of microsheets of organic radical: interesting magnetic property and strong emission. 2014 , 9, 596-599		1
627	Reduction of the 3,4,9,10-perylenediimides and the formation of eletrodeposited films based on their radical anions. 2014 , 1, 035102		1
626	All-atom CHARMM force field and bulk properties of perfluorozinc phthalocyanines. 2014 , 118, 11583-	90	8
625	Chemosensors for detection of nitroaromatic compounds (explosives). 2014 , 83, 783-819		56
624	Synthesis, characterization, and field-effect transistor performance of a two-dimensional starphene containing sulfur. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 10011-10016	7.1	10
623	HJ-Aggregate Behavior of Crystalline 7,8,15,16-Tetraazaterrylene: Introducing a New Design Paradigm for Organic Materials. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 28842-28854	3.8	87
622	Perylene crystals: tuning optoelectronic properties by dimensional-controlled synthesis. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9695-9700	7.1	20
621	MODULATION OF PTCDA NANOSTRUCTURE AND OPTICAL PROPERTY: DEPENDENCE ON GROWTH TEMPERATURE. 2014 , 09, 1450068		
620	Crystal Engineering of Dual Channel p/n Organic Semiconductors by Complementary Hydrogen Bonding. <i>Angewandte Chemie</i> , 2014 , 126, 2170-2174	3.6	44
619	Smart Biomaterials. NIMS Monographs, 2014 ,	0.3	48
618	Facile fabrication of ultralong nanobelts of positively charged PTCDI for high-performance photodetectors. 2014 , 1, 035032		4
617	Facile fabrication of aligned arrays of ultralong CoOEP nanowires for high-performance optoelectronic devices. 2014 , 1, 016303		1
616	Anomalous high photovoltages observed in shish kebab-like organic pfl junction nanostructures. <i>Polymer Chemistry</i> , 2014 , 5, 309-313	4.9	16
615	Pathway Complexity in EConjugated Materials. 2014 , 26, 576-586		193
614	Inclusion induced second harmonic generation in low dimensional supramolecular crystals. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 3199-3203	7.1	12
613	Molecular crystalline materials with tunable luminescent properties: from polymorphs to multi-component solids. 2014 , 1, 46-57		326
612	Construction of supramolecular nanofibers through electrostatic interaction between perylene and cholesterol derivatives. 2014 , 25, 51-54		5

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611	Tailoring the structures and compositions of one-dimensional organic nanomaterials towards chemical sensing applications. <i>Chemical Science</i> , 2014 , 5, 52-57	9.4	38
610	Synthesis, Photophysical Properties, and Self-Organization of Difurobenzosilole Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 1880-1885	2.3	9
609	Optoelectronics of organic nanofibers formed by co-assembly of porphyrin and perylenediimide. 2014 , 10, 2776-81, 2740		23
608	Crystal growth and characterization of fluorinated perylene diimides. 2014 , 30, 63-67		4
607	New organic semiconductors with imide/amide-containing molecular systems. 2014 , 26, 6965-77		164
606	Diketopyrrolopyrrole j-aggregates formed by self-organization with DNA. 2014 , 9, 1618-22		9
605	Branched platinum cetylide complexes: synthesis, properties, and their aggregation behavior. <i>RSC Advances</i> , 2014 , 4, 16047	3.7	14
604	Self-assembly of intramolecular charge-transfer compounds into functional molecular systems. <i>Accounts of Chemical Research</i> , 2014 , 47, 1186-98	24.3	355
603	Crystal engineering of dual channel p/n organic semiconductors by complementary hydrogen bonding. 2014 , 53, 2138-42		118
602	The Large-Area, Solution-Based Deposition of Single-Crystal Organic Semiconductors. 2014 , 54, 496-51	2	22
602	The Large-Area, Solution-Based Deposition of Single-Crystal Organic Semiconductors. 2014 , 54, 496-51. A highly luminescent tetramer from a weakly emitting monomer: acid- and redox-controlled multiple complexation by cucurbit[7]uril. 2014 , 20, 7054-60	2	10
	A highly luminescent tetramer from a weakly emitting monomer: acid- and redox-controlled	6.4	
601	A highly luminescent tetramer from a weakly emitting monomer: acid- and redox-controlled multiple complexation by cucurbit[7]uril. 2014 , 20, 7054-60 Thermodynamics versus Kinetics Dichotomy in the Linear Self-Assembly of Mixed Nanoblocks.		10
600	A highly luminescent tetramer from a weakly emitting monomer: acid- and redox-controlled multiple complexation by cucurbit[7]uril. 2014, 20, 7054-60 Thermodynamics versus Kinetics Dichotomy in the Linear Self-Assembly of Mixed Nanoblocks. Journal of Physical Chemistry Letters, 2014, 5, 2021-6 Low dose detection of Iradiation via solvent assisted fluorescence quenching. Journal of the	6.4	10
600	A highly luminescent tetramer from a weakly emitting monomer: acid- and redox-controlled multiple complexation by cucurbit[7]uril. 2014, 20, 7054-60 Thermodynamics versus Kinetics Dichotomy in the Linear Self-Assembly of Mixed Nanoblocks. Journal of Physical Chemistry Letters, 2014, 5, 2021-6 Low dose detection of Gadiation via solvent assisted fluorescence quenching. Journal of the American Chemical Society, 2014, 136, 5090-6	6.4	10557
601 600 599 598	A highly luminescent tetramer from a weakly emitting monomer: acid- and redox-controlled multiple complexation by cucurbit[7]uril. 2014, 20, 7054-60 Thermodynamics versus Kinetics Dichotomy in the Linear Self-Assembly of Mixed Nanoblocks. Journal of Physical Chemistry Letters, 2014, 5, 2021-6 Low dose detection of (Padiation via solvent assisted fluorescence quenching. Journal of the American Chemical Society, 2014, 136, 5090-6 Competitive pi interactions and hydrogen bonding within imidazolium ionic liquids. 2014, 16, 3238-53 Integrating porphyrin nanoparticles into a 2D graphene matrix for free-standing nanohybrid films	6.4	10557143
601 600 599 598	A highly luminescent tetramer from a weakly emitting monomer: acid- and redox-controlled multiple complexation by cucurbit[7]uril. 2014, 20, 7054-60 Thermodynamics versus Kinetics Dichotomy in the Linear Self-Assembly of Mixed Nanoblocks. Journal of Physical Chemistry Letters, 2014, 5, 2021-6 Low dose detection of Itadiation via solvent assisted fluorescence quenching. Journal of the American Chemical Society, 2014, 136, 5090-6 Competitive pi interactions and hydrogen bonding within imidazolium ionic liquids. 2014, 16, 3238-53 Integrating porphyrin nanoparticles into a 2D graphene matrix for free-standing nanohybrid films with enhanced visible-light photocatalytic activity. Nanoscale, 2014, 6, 978-85 Ni(II)-salt catalyzed activation of primary amine-sp(3)CH and cyclization with 1,2-diketone to	6.4	1055714380

593	Slip-stacked perylenediimides as an alternative strategy for high efficiency nonfullerene acceptors in organic photovoltaics. <i>Journal of the American Chemical Society</i> , 2014 , 136, 16345-56	16.4	290
592	Environmentally friendly synthesis of noble metal nanoparticles assisted by biodegradable dextran-graft-lactone copolymers. 2014 , 25, 372-379		6
591	A carbazole-fluorene molecular hybrid for quantitative detection of TNT using a combined fluorescence and quartz crystal microbalance method. 2014 , 16, 18896-901		38
590	Self-assembled coronene nanofibers: optical waveguide effect and magnetic alignment. <i>Nanoscale</i> , 2014 , 6, 4174-81	7.7	22
589	One-step fabrication of ultralong nanobelts of PI-PTCDI and their optoelectronic properties. 2014 , 16, 25251-4		4
588	Inorganic/organic small molecular semiconductor self-assembly to functional core-shell nanoarchitectures for ultrasensitive chemiresistors to aniline vapor. 2014 , 43, 11542-7		8
587	A bolaamphiphilic amino acid appended photo-switching supramolecular gel and tuning of photo-switching behaviour. 2014 , 16, 6041-9		21
586	Phthalocyanine based nanowires and nanoflowers as highly sensitive room temperature Cl2 sensors. <i>RSC Advances</i> , 2014 , 4, 15945	3.7	20
585	A water-soluble pillar[6]arene: synthesis, host@uest chemistry, controllable self-assembly, and application in controlled release. <i>RSC Advances</i> , 2014 , 4, 9039	3.7	36
584	From molecular design and materials construction to organic nanophotonic devices. <i>Accounts of Chemical Research</i> , 2014 , 47, 3448-58	24.3	105
583	Controlled synthesis of organic nanophotonic materials with specific structures and compositions. 2014 , 26, 6852-70		53
582	Organic nanophotonics: from controllable assembly of functional molecules to low-dimensional materials with desired photonic properties. <i>Chemical Society Reviews</i> , 2014 , 43, 4325-40	58.5	112
581	Fluorescent bilayer nanocoils assembled from an asymmetric perylene diimide molecule with ultrasensitivity for amine vapors. 2014 , 50, 13596-9		35
580	Facile synthesis of one-dimensional peapod-like Sb@C submicron-structures. 2014 , 50, 5435-7		50
579	Theoretical analysis of the intermolecular interactions in naphthalene diimide and pyrene complexes. 2014 , 16, 24216-22		31
578	Covalent synthesis of perylenediimide-bridged silsesquioxane nanoribbons and their electronic properties. <i>RSC Advances</i> , 2014 , 4, 30172-30179	3.7	8
577	1D nanofiber composites of perylene diimides for visible-light-driven hydrogen evolution from water. <i>RSC Advances</i> , 2014 , 4, 48486-48491	3.7	52
576	Modulating supramolecular helicity and electrical conductivity of perylene dyes through an achiral alkyl chain. 2014 , 50, 8343-5		32

575	Conducting nanofibers and organogels derived from the self-assembly of tetrathiafulvalene-appended dipeptides. <i>Langmuir</i> , 2014 , 30, 12429-37	4	76
574	Synthesis of perylene dianhydride-incorporated main chain polyimides and sequential structural transformation through a dipolar cycloaddition. 2014 , 84, 37-44		2
573	Tuning the self-assembly of rectangular amphiphilic cruciforms. <i>Langmuir</i> , 2014 , 30, 5957-64	4	5
572	Tunable light emission from co-assembled structures of benzothiadiazole molecules. 2014 , 50, 5600-3		6
571	Manipulation and formation mechanism of silica one-dimensional periodic structures by roller electrospinning. <i>Langmuir</i> , 2014 , 30, 2335-45	4	17
570	Multifunctional Expanded macrocyclic oligothiophene 6-mers and related macrocyclic oligomers. Journal of the American Chemical Society, 2014 , 136, 2389-96	16.4	49
569	Polymer Blending through Host © uest Interactions. 2014 , 47, 632-638		24
568	Functional materials from self-assembled bis-urea macrocycles. <i>Accounts of Chemical Research</i> , 2014 , 47, 2116-27	24.3	106
567	Random copolyesters containing perylene bisimide: flexible films and fluorescent fibers. <i>ACS Applied Materials & District Materials & </i>	9.5	16
566	Relaxing Conformational Constraints in Dynamic Macrocycle Synthesis. 2014 , 47, 3829-3836		18
565	Terthiophene derivatives of cholesterol-based molecular gels and their sensing applications. <i>Langmuir</i> , 2014 , 30, 1257-65	4	28
564	Two-dimensional optical waveguiding and luminescence vapochromic properties of 8-hydroxyquinoline zinc (Znq2) hexagonal microsheets. 2014 , 50, 10812-4		12
563	The formation of organogels and helical nanofibers from simple organic salts. 2014 , 20, 16279-85		13
562	Design of nanostructures based on aromatic peptide amphiphiles. <i>Chemical Society Reviews</i> , 2014 , 43, 8150-77	58.5	561
561	Epitaxial self-assembly of binary molecular components into branched nanowire heterostructures for photonic applications. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2382-8	16.4	71
560	Linear Oligocarbazole-Based Organogelators: Synthesis and Fluorescent Probing of Explosives. 2014 , 2014, 6155-6162		29
559	Probing the sensory property of perylenediimide derivatives in hydrazine gas: core-substituted aromatic group effect. <i>ACS Applied Materials & Materia</i>	9.5	35
558	Large-scale assembly of organic micro/nanocrystals into highly ordered patterns and their applications for strain sensors. <i>ACS Applied Materials & Description of the Action of the Act</i>	9.5	16

557	Thermally sensitive self-assembly of glucose-functionalized tetrachloro-perylene bisimides: from twisted ribbons to microplates. <i>Langmuir</i> , 2014 , 30, 11040-5	4	18
556	Room temperature ppb level Cl2 detection and sensing mechanism of highly selective and sensitive phthalocyanine nanowires. 2014 , 203, 17-24		32
555	Alternating 2,6-/3,5-substituted pyridine-acetylene macrocycles: Estacking self-assemblies enhanced by intermolecular dipole-dipole interaction. 2014 , 16, 828-31		29
554	Graphene-like Molecules Based on Tetraphenylethene Oligomers: Synthesis, Characterization, and Applications. 2014 , 26, 4221-4229		52
553	Spontaneous Self-Assembly of a 1,8-Naphthyridine into Diverse Crystalline 1D Nanostructures: Implications on the Stimuli-Responsive Luminescent Behaviour. 2014 , 14, 3849-3856		9
552	Beyond perylene diimides: synthesis, assembly and function of higher rylene chromophores. Journal of Materials Chemistry C, 2014 , 2, 1938-1956	7.1	193
551	Two-fold odd-even effect in self-assembled nanowires from oligopeptide-polymer-substituted perylene bisimides. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3919-27	16.4	88
550	Insights into the coassembly of hydrogelators and surfactants based on aromatic peptide amphiphiles. 2014 , 15, 1171-84		74
549	Hierarchical self-assembly of amino acid derivatives into stimuli-responsive luminescent gels. <i>Soft Matter</i> , 2014 , 10, 8261-6	3.6	13
548	Concerted functions of anions and cations in a molecular ionic crystal with stable three-dimensional micropores. 2014 , 53, 3655-61		26
547	New strategy for controlled release of drugs. Potential pinpoint targeting with multiresponsive tetraaniline diblock polymer vesicles: site-directed burst release with voltage. <i>ACS Applied Materials & Amp; Interfaces</i> , 2014 , 6, 1470-80	9.5	25
546	Toward step-by-step nuclear growth of surface two-dimensional porphyrin nanonetworks. <i>Journal of Colloid and Interface Science</i> , 2014 , 413, 71-7	9.3	5
545	Synthesis and self-assembly of oligomers containing cruciform 9,10-bis(arylethynyl)anthracene unit: formation of supramolecular nanostructures based on rod-length-dependent organization. 2014 , 70, 1230-1235		14
544	Solution processed films and nanobelts of substituted zinc phthalocyanine as room temperature ppb level Cl2 sensors. 2014 , 198, 164-172		43
543	Self-assembly of pyridinium-functionalized anthracenes: molecular-skeleton-directed formation of microsheets and microtubes. 2014 , 20, 7603-7		19
542	Morphology-controlled self-assembled nanostructures of a porphyrin derivative and their photoelectrochemical properties. <i>RSC Advances</i> , 2014 , 4, 4063-4068	3.7	5
541	Synthesis and photophysical properties of biphenyl and terphenyl arylene-ethynylene macrocycles. 2014 , 79, 1594-610		9
540	Biomimetic molecular organization of naphthalene diimide in the solid state: tunable (chiro-) optical, viscoelastic and nanoscale properties. <i>RSC Advances</i> , 2014 , 4, 20154-20163	3.7	39

Growth and characterization of N, N'-dioctadecyl-1, 7-dibromo-3, 4, 9, 539 10-perylenetetracarboxylic-diimide micron/nano wires for organic field effect transistors. 2014, Effects of ortho-Phenyl Substitution on Molecular Arrangements of 538 12 Octadehydrodibenzo[12]annulene. 2014, 87, 323-333 1D Self-assembly of Terthiophene (3T) Naphthalenediimide (NDI) Dyad. Chemistry Letters, 2014, 1.7 6 537 43, 1634-1636 The Important Role of Solvent Reservoir in Self-Assembly of Organic Semiconducting Micro- and 536 Nanowires. 2014, 87, 928-930 Stereoselective photopolymerization of tetraphenylporphyrin derivatives on Ag(110) at the 535 35 sub-monolayer level. 2014, 20, 14296-304 Synthesis and optical properties of poss-based oxadiazole nanohybrids with three-dimensional 534 molecular conjugated structure. 2014, 131, n/a-n/a Remarkable enhancement of ambient-air electrical conductivity of the perylenediimide Etacks 2 533 3.7 isolated in the flexible films of a hydrogen-bonded polymer. RSC Advances, 2015, 5, 64240-64246 Self-Assembly of Organic Molecules into Nanostructures. 2015, 21-94 532 (Non-) Covalently Modified DNA with Novel Functions. 2015, 1-77 1 531 Organic Nanophotonics: Controllable Assembly of Optofunctional Molecules toward 530 Low-Dimensional Materials with Desired Photonic Properties. 2015, 131-160 Synchronized Activation of EConjugated Molecules toward Self-Assembly: Precisely Controlling 6 529 the Hysteresis of the Metastable State along Microflow. 2015, 88, 471-479 Supramolecularly Engineered Functional EAssemblies Based on Complementary 528 134 Hydrogen-Bonding Interactions. 2015, 88, 28-58 Nanorods self-assembled from polyaromatic compounds: A molecular dynamics study [1]. 2015, 527 Modulating the Helicity of Sugar-Substituted Perylene Diimide Self-assemblies by Solvent 526 Polarilities. 2015, 33, 95-100 Porphyrin Supramolecular 1D Structures via Surfactant-Assisted Self-Assembly. 2015, 27, 5379-87 85 525 Versatile Design Principles for Facile Access to Unstrained Conjugated Organoborane Macrocycles. 46 524 **2015**, 54, 10768-72 Loading of Vesicles into Soft Amphiphilic Nanotubes using Osmosis. 2015, 54, 15122-7 523 14 Synthesis of PTCDI-C8 one dimensional nanostructures for photovoltaic applications. 2015, 73, 012052 522

521	Loading of Vesicles into Soft Amphiphilic Nanotubes using Osmosis. <i>Angewandte Chemie</i> , 2015 , 127, 15337-15342	3.6	4
520	Donor-Acceptor Heterojunction Configurations Based on DNA-Multichromophore Arrays. 2015 , 21, 1178	88-92	8
519	Versatile Design Principles for Facile Access to Unstrained Conjugated Organoborane Macrocycles. <i>Angewandte Chemie</i> , 2015 , 127, 10918-10922	3.6	18
518	Luminescent Nanofibers Fabricated from Phenanthroimidazole Derivatives by Organogelation: Fluorescence Response towards Acid with High Performance. 2015 , 10, 1717-24		23
517	The Influence of Concentration on the Morphology of Fibres Self-assembled by Ferrocenyl Surfacant and Methyl Orange. 2015 , 62, 600-603		2
516	Supramolecular Approaches to Nanoscale Morphological Control in Organic Solar Cells. 2015 , 16, 13381	-406	22
515	. 2015,		7
514	Hyperbranched crystalline nanostructure produced from ionic Etonjugated molecules. 2015 , 51, 2663-6		23
513	Nanocoiled Assembly of Asymmetric Perylene Diimides: Formulation of Structural Factors. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 6446-6452	3.8	13
512	Itadiation induced self-assembly of fluorescent molecules into nanofibers: a stimuli-responsive sensing. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 4345-4351	7.1	15
511	Controlled self-assembly of a pyrene-based bolaamphiphile by acetate ions: from nanodisks to nanofibers by fluorescence enhancement. <i>Soft Matter</i> , 2015 , 11, 4424-9	3.6	9
510	Morphology-controlled self-assembly of an amphiphilic perylenetetracarboxylic diimide dimer-based semiconductor: from flower clusters to hollow spheres. <i>New Journal of Chemistry</i> , 2015 , 39, 5553-5560	3.6	14
509	Dynamic Peptide Library for the Discovery of Charge Transfer Hydrogels. <i>ACS Applied Materials</i> & <i>amp; Interfaces</i> , 2015 , 7, 25946-54	9.5	35
508	Controllable growth of organic nanostructures from 0D to 1D with different optical properties. <i>RSC Advances</i> , 2015 , 5, 100457-100463	3.7	3
507	Selective Cooperative Self-Assembly between an Organic Semiconductor and Native Adatoms on Cu(110). <i>Journal of Physical Chemistry C</i> , 2015 , 119, 27416-27425	3.8	10
506	A three-dimensional flow focusing microsecond mixer for dynamic assessment of nanoparticle formation. 2015 ,		
505	Interparticle Forces Underlying Nanoparticle Self-Assemblies. 2015 , 11, 5984-6008		85
504	Finite element analysis ofin-situalignment of nanoparticles in polymeric nanofibers using magnetic field assisted electrospinning. 2015 , 2, 095014		4

(2015-2015)

503	A supramolecular approach to metal ion sensing: cystine-based designer systems for Cu2+, Hg2+, Cd2+ and Pb2+ sensing. <i>RSC Advances</i> , 2015 , 5, 7842-7847	3.7	10	
502	Design, synthesis, and aggregation behavior of sandwich mixed (phthalocyaninato)(porphyrinato) europium triple-deckers: Effect of substituent on tuning the intermolecular interaction. 2015 , 54, 50-53		4	
501	Free-standing, flexible, multifunctional, and environmentally stable superhydrophobic composite film made of self-assembled organic micro/super-nanostructures through solution process. <i>Journal of Colloid and Interface Science</i> , 2015 , 445, 213-218	9.3	11	
500	Tailoring ultrasound-induced growth of perylene diimide nanowire crystals from solution by modification with poly(3-hexyl thiophene). 2015 , 9, 1878-85		33	
499	Visible-light-driven photocatalytic H2 evolution from aqueous suspensions of perylene diimide dye-sensitized Pt/TiO2 catalysts. <i>RSC Advances</i> , 2015 , 5, 15880-15885	3.7	46	
498	Temperature dependent coordinating self-assembly. Soft Matter, 2015, 11, 2806-11	3.6	22	
497	Effect of stereoisomerism of the alkyl chain on the gas sensing properties based on perylene dyes. Journal of Materials Chemistry C, 2015 , 3, 2778-2782	7.1	15	
496	Cross-stacked single-crystal organic nanowire p-n nanojunction arrays by nanotransfer printing. 2015 , 15, 289-93		34	
495	Fabrication of Pyrene and Tetraphenylethylene Nanostructures by a Hydrolysis-Assisted Co-Assembly. 2015 , 33, 207-212			
494	Bent Leonjugated systems composed of three-dimensional benzoannulenes. 2015 , 15, 329-46		16	
493	Highly fluorescent one-handed nanotubes assembled from a chiral asymmetric perylene diimide. 2015 , 51, 4231-3		24	
492	Micro-/nanostructured multicomponent molecular materials: design, assembly, and functionality. 2015 , 21, 4880-96		66	
491	Towards a new FRET system via combination of pyrene and perylene bisimide: synthesis, self-assembly and fluorescence behavior. 2015 , 17, 5441-9		27	
490	Aggregation-induced chirality, circularly polarized luminescence, and helical self-assembly of a leucine-containing AIE luminogen. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 2399-2404	7.1	96	
489	Photochromism of Acetyl-Cyclophanochromene: Intriguing Stabilization of Photogenerated Colored o-Quinonoid Intermediates. 2015 , 2015, 1403-1408		7	
488	Fabrication and physical properties of self-assembled ultralong polymer/small molecule hybrid microstructures. <i>RSC Advances</i> , 2015 , 5, 25550-25554	3.7	13	
487	Luminescent nanofibers fabricated from triphenylvinyl substituted carbazole derivatives via organogelation for sensing gaseous nitroaromatics. <i>Dyes and Pigments</i> , 2015 , 118, 27-36	4.6	21	
486	Molecular Dynamics Simulations Reveal Inhomogeneity-Enhanced Stacking of Violanthrone-78-Based Polyaromatic Compounds in n-Heptane-Toluene Mixtures. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 8660-8	3.4	13	

485	Based on charge-transfer interaction organic light-response materials: From sphere-like nanoparticles to fibers. 2015 , 15, 920-924		1
484	Shape Transformation of Light-Responsive Pyrene-Containing Micelles and Their Influence on Cytoviability. 2015 , 16, 2276-81		27
483	Strong blue emissive nanofibers constructed from benzothizole modified tert-butyl carbazole derivative for the detection of volatile acid vapors. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 8888-8894	7.1	44
482	Rational Design of Multiple-Stimulus-Responsive Materials via Supramolecular Self-Assembly. Journal of Physical Chemistry C, 2015 , 119, 16349-16357	3.8	8
481	Self-assembled perylene bisimide J-aggregates as promising cathode modifiers for highly efficient inverted polymer solar cells. 2015 , 2, 514-518		30
480	Simultaneous sensing of UV light and strain with a single-layer network structure of self-assembled ZnO nanorods. 2015 , 51, 12912-5		2
479	An air-stable microwire radial heterojunction with high photoconductivity based on a new building block. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 5933-5939	7.1	12
478	Gelation or crystallization? Subtle balance of structural factors for assembly of DBA derivatives with methyl esters. <i>CrystEngComm</i> , 2015 , 17, 8079-8084	3.3	5
477	Chemical doping enhances electronic transport in networks of hexabenzocoronenes assembled in non-aqueous electrolyte. <i>Polymer Chemistry</i> , 2015 , 6, 5560-5564	4.9	2
476	Self-assembling 1D core/shell microrods by the introduction of additives: a one-pot and shell-tunable method. <i>Chemical Science</i> , 2015 , 6, 4907-4911	9.4	8
475	Semiconducting Eextended porphyrin dimer and its characteristics in OFET and OPVC. 2015 , 205, 206-27	11	11
474	Eutectic solidification process: A technique to grow Perylenetetracarboxydiimide nanobelt. 2015 , 157, 256-259		
473	Novel helical assembly of a Pt(II) phenylbipyridine complex directed by metal-metal interaction and aggregation-induced circularly polarized emission. 2015 , 44, 13156-62		63
472	Fundamental Study of Electrospun Pyrene-Polyethersulfone Nanofibers Using Mixed Solvents for Sensitive and Selective Explosives Detection in Aqueous Solution. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 13189-97	9.5	64
471	A fluorescent supramolecular crosslinked polymer gel formed by crown ether based host-guest interactions and aggregation induced emission. 2015 , 33, 890-898		30
470	Toward rational and modular molecular design in soft matter engineering. 2015 , 33, 797-814		37
469	Self-Assembly of Axially Functionalized Subphthalocyanines in Thin Films. 2015 , 27, 4008-4014		6
468	Hydrogen bonding and ⊞nteractions in imidazolium-chloride ionic liquid clusters. 2015 , 17, 14437-53		88

(2015-2015)

467	Preparation of n-type semiconducting polymer nanoarrays by covalent synthesis followed by crystallization. <i>New Journal of Chemistry</i> , 2015 , 39, 2004-2010	3.6	4
466	Theoretical investigations of charge carrier transport in organic semiconductors of naphthalene bisimides N-substituted with alkoxyphenyl groups. 2015 , 93, 740-748		7
465	A 1D Electrospun Nanofiber Channel for Organic Field-Effect Transistors Using a Donor/Acceptor Planar Heterojunction Architecture. 2015 , 2, 1500054		6
464	Luminescent optical detection of volatile electron deficient compounds by conjugated polymer nanofibers. 2015 , 87, 4421-8		10
463	Nickel-catalyzed directed sulfenylation of sp(2) and sp(3) C-H bonds. 2015, 51, 7863-6		101
462	Enhancement of visible-light-driven photocatalytic H 2 evolution from water over g-C 3 N 4 through combination with perylene diimide aggregates. 2015 , 498, 63-68		89
461	Leaf-like nanotips synthesized on femtosecond laser-irradiated dielectric material. 2015 , 117, 074306		4
460	Interfacial Donor-Acceptor Engineering of Nanofiber Materials To Achieve Photoconductivity and Applications. <i>Accounts of Chemical Research</i> , 2015 , 48, 2705-14	24.3	72
459	Size-selective recognition by a tubular assembly of phenylene-pyrimidinylene alternated macrocycle through hydrogen-bonding interactions. <i>Langmuir</i> , 2015 , 31, 10649-55	4	14
458	Salicylaldimine difluoroboron complexes containing tert-butyl groups: nontraditional Egelator and piezofluorochromic compounds. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10302-10308	7.1	39
457	Vapor phase sensing of ammonia at the sub-ppm level using a perylene diimide thin film device. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10767-10774	7.1	55
456	Electroluminescence and fluorescence response towards acid vapors depending on the structures of indole-fused phospholes. <i>RSC Advances</i> , 2015 , 5, 94990-94996	3.7	30
455	Poorly Water Soluble Drug Nanostructures via Surface Solvent Evaporation. 2015 , 05, 1540005		1
454	Temperature dependent c-axis hole mobilities in rubrene single crystals determined by time-of-flight. 2015 , 106, 113301		12
453	Highly conductive and stable polysiloxane-modified perylenebisimide nanosheets and nanowires by self-assembly and subsequent condensation. 2015 , 17, 23069-73		3
452	Driving Helical Packing of a Cyanine Dye on Dendron Nanofiber: Gel-Shrinkage-Triggered Chiral H-Aggregation and Enhanced Enantiodiscrimination. 2015 , 21, 11300-5		14
451	Self-Assembly of Perylene Imide Molecules into 1D Nanostructures: Methods, Morphologies, and Applications. <i>Chemical Reviews</i> , 2015 , 115, 11967-98	68.1	381
450	Supramolecular assembly of dipeptide functionalized benzo[ghi]perylene monoimide directs white light emission via donor\(\text{lcceptor} \) interactions. \(RSC \) Advances, \(\text{2015}, 5, 90158-90167 \)	3.7	16

449	Cyclotetrabenzoin: Facile Synthesis of a Shape-Persistent Molecular Square and Its Assembly into Hydrogen-Bonded Nanotubes. 2015 , 21, 17205-9		28
448	Practical access to 1,3,5-triarylbenzenes from chalcones and DMSO. <i>RSC Advances</i> , 2015 , 5, 73180-73183	3 3.7	13
447	A general protocol for Econjugated molecule-based micro/nanospheres: artificial supramolecular antenna in terms of heterogeneous photocatalysis. <i>RSC Advances</i> , 2015 , 5, 78427-78435	3.7	8
446	A Pd8 Tetrafacial Molecular Barrel as Carrier for Water Insoluble Fluorophore. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11916-9	16.4	109
445	Formation of An Ionic PTCA-配DNH2 Complex and Its Application for Phenol Sensing in Aqueous Phase. <i>ACS Applied Materials & Samp; Interfaces</i> , 2015 , 7, 21364-72	9.5	15
444	Bottom-Up Hierarchical Self-Assembly of Chiral Porphyrins through Coordination and Hydrogen Bonds. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15795-808	16.4	40
443	Unusual solvent-dependent photophysical and self-assembly properties of NO2 substituted T-shaped phenazines. 2015 , 17, 2457-63		2
442	Self-assembly of functional molecules into 1D crystalline nanostructures. 2015 , 27, 985-1013		114
441	Behavior of Two-Dimensional Hydrogen-Bonded Networks under Shear Conditions: A First-Principles Molecular Dynamics Study. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 350-364	3.8	8
440	Formation of double helical microfibrils from small molecules. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 79-84	7.1	3
439	Electron-withdrawing groups induced remarkable changes in sensory property based on single micro/nanostructure of perylenediimide derivatives. 2015 , 151, 93-98		6
438	Characteristic response of tetra(methylbenzyloxy)-substituted zinc-phthalocyanine toward picric acid. 2015 , 209, 225-229		18
437	Hierarchical porous carbon fibers prepared using a SiO2 template for high-performance EDLCs. <i>Chemical Engineering Journal</i> , 2015 , 263, 62-70	14.7	78
436	The palladium-catalyzed intermolecular C-H chalcogenation of arenes. 2015 , 80, 367-74		87
435	Dual-tuning multidimensional superstructures based on a T-shaped molecule: vesicle, helix, membrane and nanofiber-constructed gel. <i>RSC Advances</i> , 2015 , 5, 1969-1978	3.7	11
434	Ultrafast response humidity sensor using supramolecular nanofibre and its application in monitoring breath humidity and flow. 2014 , 4, 4103		189
433	Alkylsilane-functionalized perylenediimide derivatives with differential gas sensing properties. Journal of Materials Chemistry C, 2015 , 3, 466-472	7.1	19
432	Detection of nitroaromatic explosives with fluorescent molecular assemblies and Egels. 2015 , 15, 252-65	5	99

431	Cation-induced self-assembly of an amphiphilic perylene diimide derivative in solution and Langmuir B lodgett films. 2015 , 465, 39-46	11
430	Long-lived charge carrier generation in ordered films of a covalent perylenediimide-diketopyrrolopyrrole-perylenediimide molecule. <i>Chemical Science</i> , 2015 , 6, 402-411	54
429	Structural analysis of bis-bispidine tetraazamacrocycle: Long-range weak interactions in a channeled organic crystal. 2015 , 1081, 44-50	3
428	Organic nanowire fabrication and device applications. 2015 , 11, 45-62	85
427	Fabrication and Investigation of Two-Component Film of 2,5-Diphenyloxazole and Octafluoronaphthalene Exhibiting Tunable Blue/Bluish Violet Fluorescence Based on Low Vacuum Physical Vapor Deposition Method. 2016 , 2016, 1-8	5
426	A Smart pH-Responsive Three Components Luminescent Hydrogel. 2016 , 7,	7
425	Porphyrin-Based Nanostructures for Photocatalytic Applications. <i>Nanomaterials</i> , 2016 , 6, 5.4	109
424	Self-Assembled Fibers Containing Stable Organic Radical Moieties: Alignment and Magnetic Properties in Liquid Crystals. 2016 , 22, 8872-8	14
423	Saddle-Shaped Cyclic Indole Tetramers: 3D Electroactive Molecules. 2016 , 22, 10651-60	4
422	Our Expedition in Linear Neutral Platinum-Acetylide Complexes: The Preparation of Micro/nanostructure Materials, Complicated Topologies, and Dye-Sensitized Solar Cells. 2016 , 16, 1274-97	23
421	Hydrophobically driven chiral column aggregates of hydrazide macrocycles and side chains-controlled chirality conversion. 2016 , 57, 3468-3471	1
420	Self-Assembled PDINH Supramolecular System for Photocatalysis under Visible Light. 2016 , 28, 7284-90	219
419	Experimental and theoretical studies of the structure and optical properties of nickel phthalocyanine nanowires. 2016 , 3, 125002	10
418	Molecular Coplanarity and Self-Assembly Promoted by Intramolecular Hydrogen Bonds. 2016 , 18, 6332-6335	34
417	Morphological Transformation between Nanocoils and Nanoribbons via Defragmentation Structural Rearrangement or Fragmentation-recombination Mechanism. 2016 , 6, 27335	9
416	Fabrication of Fluorescent Nanowires via High-Energy Particles-Triggered Polymerization Reactions. 2016 , 29, 373-377	3
415	Fragmentation and Coagulation in Supramolecular (Co)polymerization Kinetics. 2016, 2, 232-41	31
414	Self-assembly of nanotubes and ordered mesostructures using weak interactions. 2016 , 28, 907-912	_

413	Fabrication of Clickable Polyfluorene Nanowires with High Aspect Ratio as Biological Sensing Platforms. 2016 , 1, 766-774		8
412	Synthesis and Linear and Nonlinear Photophysical Characterization of Two Symmetrical Pyrene-Terminated Squaraine Derivatives. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 7829-7838	3.8	20
411	Lamellar supramolecular materials based on a chelated metal complex for organic dye adsorption. <i>RSC Advances</i> , 2016 , 6, 33295-33301	3.7	4
410	A perylene bisimide derivative with pyrene and cholesterol as modifying structures: synthesis and fluorescence behavior. 2016 , 18, 12221-30		14
409	Electroluminescence response promoted by dispersion and interaction of perylene-3,4,9,10-tetracarboxylic dianhydride inside MOF5. <i>RSC Advances</i> , 2016 , 6, 35191-35196	3.7	8
408	DNA-Assisted Multichromophore Assembly. 2016 , 101-121		
407	Interface versus bulk gelation and UCST in hydrophobically assembled TX-100 molecular gels. 2016 , 499, 113-122		6
406	Directing the Crystallization of Dehydro[24]annulenes into Supramolecular Nanotubular Scaffolds. Journal of the American Chemical Society, 2016 , 138, 5939-56	16.4	31
405	Engineering molecular self-assembly of perylene diimide through pH-responsive chiroptical switching. 2016 , 1, 202-207		18
404	Self-assembled vesicle and rod-like aggregates of functionalized perylene diimide: reaction-based near-IR intracellular fluorescent probe for selective detection of palladium. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 3750-3759	7.3	59
403	Chemical Self-Doping of Organic Nanoribbons for High Conductivity and Potential Application as Chemiresistive Sensor. <i>ACS Applied Materials & Amp; Interfaces</i> , 2016 , 8, 12360-8	9.5	34
402	Characterising the morphology and efficiency of polymer solar cell by experiments and simulations. 2016 , 42, 836-845		8
401	Photoinduced charge-transfer dynamics simulations in noncovalently bonded molecular aggregates. 2016 , 18, 14840-9		13
400	Non-covalent interactions in controlling pH-responsive behaviors of self-assembled nanosystems. <i>Polymer Chemistry</i> , 2016 , 7, 5949-5956	4.9	38
399	Charge Transfer Modulated Self-Assembly in Poly(aryl ether) Dendron Derivatives with Improved Stability and Transport Characteristics. <i>ACS Applied Materials & Description (Note: Applied Materials & Description (N</i>	9.5	14
398	Synthesis and Self-Assembly of Cyclic 2,7-Anthrylene Ethynylene 1,3-Phenylene Ethynylene Trimer with a Planar Conformation. 2016 , 22, 16760-16764		11
397	Persistent Photoconductivity in Perylene Diimide Nanofiber Materials. 2016 , 1, 906-912		19
396	Furan-Fused bis(Difluoroboron)-1,2-bis((1H-pyrrol-2-yl)methylene)hydrazine Fluorescent Dyes in the Visible Deep-Red Region. 2016 , 81, 7439-47		27

(2016-2016)

395	Aggregation toward Tunable Photophysical Properties and Highly Enhanced Electrochemiluminescence. <i>Advanced Optical Materials</i> , 2016 , 4, 2139-2147	8.1	39
394	Novel room-temperature perylene liquid crystals: synthesis of 1,7-dibrominated cholesterolperylene bisimides with different ester-bridging chains and their mesomorphic properties. 2016 , 43, 1875-1883		15
393	Merging thiophene with boron: new building blocks for conjugated materials. 2016 , 45, 13996-4007		155
392	Chiral Perylene Materials by Ionic Self-Assembly. <i>Langmuir</i> , 2016 , 32, 9023-32	4	17
391	Novel multifunctionalized peryleneteracarboxylic/amine supramolecules for electrochemical assay. Journal of Materials Chemistry B, 2016 , 4, 5621-5627	7.3	
390	Solvent-polarity-tuned nanostructures assembled from modified octadecylcarbamate with an anthracen moiety. <i>RSC Advances</i> , 2016 , 6, 71963-71969	3.7	6
389	Bis-naphthalimides bridged by electron acceptors: optical and self-assembly characteristics. <i>RSC Advances</i> , 2016 , 6, 71638-71651	3.7	16
388	Click Synthesis, Aggregation-Induced Emission and Chirality, Circularly Polarized Luminescence, and Helical Self-Assembly of a Leucine-Containing Silole. 2016 , 12, 6593-6601		44
387	Removal of Nitric Oxide through Visible Light Photocatalysis by g-C3N4 Modified with Perylene Imides. 2016 , 6, 6511-6519		170
386	Self-Assembled 1D-Nanowire Lasers of Perylenediimides. 2016 , 17, 3160-3164		2
385	Polycyclic aromatic hydrocarbons with orthogonal tetraimides as n-type semiconductors. 2016 , 52, 132	209-13	21 2 9
384	Dynamically Regulated Ag Nanowire Arrays for Detecting Molecular Information of Substrate-Induced Stretched Cell Growth. 2016 , 28, 9589-9595		31
383	BrBr and van der Waals interactions along a homologous series: crystal packing of 1,2-dibromo-4,5-dialkoxybenzenes. 2016 , 72, 693-701		1
382	Copper-Based Coordination Polymer Nanostructure for Visible Light Photocatalysis. 2016 , 28, 9776-97	'81	38
381	Cooperative Self-Assembly of Carbazole Derivatives Driven by Multiple Dipole-Dipole Interactions. 2016 , 81, 6832-7		26
380	2,5,8,11-Tetraalkenyl Perylene Bisimides: Direct Regioselective Synthesis and Enhanced ⊞ Stacking Interaction. 2016 , 18, 5908-5911		14
379	Synthesis, optical properties, and helical self-assembly of a bivaline-containing tetraphenylethene. 2016 , 6, 19277		53
378	A Three-Dimensional Flow Focusing Microsecond Mixer for Dynamic Assessment of Nanoparticle Formation. 2016 , 15, 828-835		1

377	Highly Efficient Organic Photocatalyst with Full Visible Light Spectrum through Estacking of TCNQ-PTCDI. ACS Applied Materials & Interfaces, 2016, 8, 30225-30231	9.5	46
376	Cooperative Assembly of Phosphole Lipids and Single-Walled Carbon Nanotubes. 2016 , 28, 8407-8414		7
375	Theoretical design of magnetic wires from acene and nanocorone derivatives. 2016 , 45, 16700-16708		6
374	The Chemistry and Applications of EGels. 2016 , 46, 235-262		128
373	Probing the Adsorption of Polycyclic Aromatic Compounds onto Water Droplets Using Molecular Dynamics Simulations. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 14170-14179	3.8	15
372	Efficient Constructions of the Four Different Thienopyrimidinone Skeletons via Various Cyclocondensation of o-Aminothienonitrile with Carbonyl Compounds. <i>Heterocycles</i> , 2016 , 92, 866	0.8	Ο
371	Tellurium-Containing Polymers: Towards Biomaterials and Optoelectronic Materials. 2016 , 2, 479-488		25
370	Template synthesis of metal tungsten nanowire bundles with high field electron emission performance. <i>RSC Advances</i> , 2016 , 6, 62668-62674	3.7	6
369	Optical and photophysical properties of anisole- and cyanobenzene-substituted perylene diimides. 2016 , 18, 4924-41		19
368	Substituent effect on photophysical properties of bi-1,3,4-oxadiazole derivatives in solution. 2016 , 1109, 239-246		9
367	Arrangement Modulation of Estacked Columnar Assemblies of Octadehydrodibenzo[12]annulene: Substituent Effects of Peripheral Thienyl and Phenyl Rings. 2016 , 16, 714-721		6
366	Tunable crystal packing for enhanced electroluminescent properties based on novel thiazole derivatives with different connecting positions of carbazole. <i>Dyes and Pigments</i> , 2016 , 130, 319-326	4.6	7
365	Interfacial DonorAcceptor Nanofibril Composites for Selective Alkane Vapor Detection. 2016 , 1, 552-55	59	21
364	Analyzing the stability of second harmonic intensity provides a sensitive probe of the aggregating of conjugated molecules at the interface. 2016 , 219, 111-116		9
363	Thienylphenothiazine integrated pyrenes: an account on the influence of substitution patterns on their optical and electroluminescence properties. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 4246-4258	7.1	27
362	One-pot protocol for J-aggregated anthraimidazolediones catalyzed by phosphotungstic acid in PEG-400 under aerobic condition. <i>RSC Advances</i> , 2016 , 6, 21907-21916	3.7	5
361	Reversible transformation of self-assemblies and fluorescence by protonation-deprotonation in pyrimidinylene-phenylene macrocycles. 2016 , 52, 4357-60		7
360	Self-assembled nanorods of bay functionalized perylenediimide: Cu2+ based Eurn-onliesponse for INH, complementary NOR/OR and TRANSFER logic functions and fluorosolvatochromism. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2488-2497	7.1	35

359	Supramolecular pathway selection of perylenediimides mediated by chemical fuels. 2016 , 52, 9009-12		79
358	Emission-Tunable Multicolor Graphene Molecules with Controllable Synthesis, Excellent Optical Properties, and Specific Applications. <i>ACS Applied Materials & Description of the Properties of t</i>	9.5	6
357	Optical Characterization of an N,N?-Dicyclohexyl-3,4:9,10-Perylene bis(Dicarboximide) Langmuir B lodgett Film for the Determination of Volatile Organic Compounds. 2016 , 49, 2573-2586		6
356	More than Conformational II wisting Ibr II oplanarity II Molecular Strategies for Designing High-Efficiency Nonfullerene Organic Solar Cells. 2016 , 28, 1948-1964		209
355	Highly sensitive broadband flexible photodetectors based on a blend film with zinc octaethylporphyrin long nanowires embedded in an insulating polymer. <i>Nanoscale</i> , 2016 , 8, 2811-8	7.7	8
354	Synthesis of platinum-containing poly(phenyleneethynylene)s having various chromophores: aggregation and optical properties. <i>Polymer Chemistry</i> , 2016 , 7, 1070-1078	4.9	13
353	Organic photodiodes constructed from a single radial heterojunction microwire. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 944-950	7.1	3
352	Detection of Amines with Fluorescent Nanotubes: Applications in the Assessment of Meat Spoilage. 2016 , 1, 22-25		92
351	#minoenolate boron complex with terminal triphenylamine exhibiting polymorphism and mechanofluorochromism. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 2854-2861	7.1	59
350	Vapor-phase Imolecular recognition: a fast and solvent-free strategy towards the formation of co-crystalline hollow microtube with 1D optical waveguide and up-conversion emission. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1632-1637	7.1	43
349	Fast-Response Photonic Device Based on Organic-Crystal Heterojunctions Assembled into a Vertical-Yet-Open Asymmetric Architecture. 2017 , 29, 1605760		16
348	Perylenecarboxydiimide-gold(I) organometallic dyes. Optical properties and Langmuir films. <i>Dyes and Pigments</i> , 2017 , 140, 375-383	4.6	5
347	Carbohydrate-BasedSafe Fuel Gel with Significant Selfflealing Property. 2017, 2, 967-974		11
346	pH-Responsive Polyoxometalate-Based Supramolecular Hybrid Nanomaterials and Application as Renewable Catalyst for Dyes. 2017 , 5, 3650-3658		20
345	ECyanostyrenes with Pyrene Scaffold: Unique Emission through Aggregation. 2017, 2, 1902-1910		9
344	Tetraalkoxyphenanthrene-Fused Thiadiazoloquinoxalines: Synthesis, Electronic, Optical, and Electrochemical Properties, and Self-Assembly. 2017 , 82, 3132-3143		8
343	Enhancement and Controlling the Signal of Circularly Polarized Luminescence Based on a Planar Chiral Tetrasubstituted [2.2]Paracyclophane Framework in Aggregation System. 2017 , 50, 1790-1802		47
342	The Role of Hydrogen Bonds in Facilitating Planar Alignment of Mn(II) Halide 2,6-Bis(benzimidazole)pyridine-Based Complexes. 2017 , 17, 1180-1189		5

341	Supramolecular polymeric assemblies of Econjugated molecules possessing phenylisoxazoles. 2017 , 128, 243-256		11
340	An air gap moderates the performance of nanowire array transistors. 2017 , 28, 125204		3
339	A facile route to synthesis of double-sided TiO2 nanotube arrays for photocatalytic activity. 2017 , 28, 468-473		2
338	Preparation and Fluorescence Properties of Perylenediimide Nanodispersions Having a One-Dimensional Estacked Structure. 2017 , 18, 1020-1025		1
337	Grubbs-inspired metathesis in the Moore group. 2017 , 55, 2935-2948		5
336	Crystal-Phase Transitions and Photocatalysis in Supramolecular Scaffolds. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6120-6127	16.4	43
335	Ion-Pair Oligomerization of Chromogenic Triangulenium Cations with Cyanostar-Modified Anions That Controls Emission in Hierarchical Materials. <i>Journal of the American Chemical Society</i> , 2017 , 139, 6226-6233	16.4	29
334	A resonance Rayleigh scattering sensor for detection of Pb ions via cleavage-induced G-wire formation. 2017 , 336, 195-201		14
333	Self-assembled nanohelix from a bolaamphiphilic diacetylene via hydrogelation and selective responsiveness towards amino acids and nucleobases. <i>Nanoscale</i> , 2017 , 9, 7199-7206	7.7	36
332	Theory guided systematic molecular design of benzothiadiazolephenazine based self-assembling electron-acceptors. <i>RSC Advances</i> , 2017 , 7, 24105-24112	3.7	7
331	Self-Assembled Econjugated Organic Wires with Unique Properties. 2017 , 2, 3572-3576		3
330	Donor Ecceptor single cocrystal of coronene and perylene diimide: molecular self-assembly and charge-transfer photoluminescence. <i>RSC Advances</i> , 2017 , 7, 2382-2387	3.7	26
329	Luminescence-/morphology-modulation of organic microcrystals by a protonation process. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 6661-6666	7.1	7
328	Positioned substituent effect on self-assembly behaviors of perylene diimide derivatives on graphite. <i>Journal of Colloid and Interface Science</i> , 2017 , 504, 58-67	9.3	12
327	Host-Guest Interaction between Corona[n]arene and Bisquaternary Ammonium Derivatives for Fabricating Supra-Amphiphile. <i>Langmuir</i> , 2017 , 33, 5829-5834	4	14
326	The Effect of Solution Conditions on the Driving Forces for Self-Assembly of a Pyrene Molecule. 2017 , 23, 9736-9740		4
325	New non-traditional organogelator of	4.6	31
324	Redispersion and Self-Assembly of C Fullerene in Water and Toluene. <i>ACS Omega</i> , 2017 , 2, 2368-2373	3.9	11

323	Quasi-one-dimensional cyano-phenylene aggregates: Uniform molecule alignment contrasts varying electrostatic surface potential. <i>Journal of Chemical Physics</i> , 2017 , 146, 134704	3.9	1
322	Ethynylene-Bridged Conjugate Carbazole Trimers: Synthesis and their Structural, Photophysical, and Electrochemical Properties. 2017 , 6, 841-851		8
321	Nanowires of amorphous conjugated polymers prepared via a surfactant-templating process using an alkylbenzoic acid. 2017 , 51, 172-177		9
320	Synthesis of 1,2-Bis(2-aryl-1H-indol-3-yl)ethynes via 5-exo-Digonal Double Cyclization Reactions of 1,4-Bis(2-isocyanophenyl)buta-1,3-diyne with Aryl Grignard Reagents. 2017 , 82, 652-663		12
319	Thermoactivated Electrical Conductivity in Perylene Diimide Nanofiber Materials. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 292-298	6.4	15
318	Arginine-induced porphyrin-based self-assembled nanostructures for photocatalytic applications under simulated sunlight irradiation. 2017 , 16, 151-154		25
317	Discrimination of alkyl and aromatic amine vapors using TTF-TCNQ based chemiresistive sensors. 2017 , 53, 1132-1135		17
316	Sugar Cane-Converted Graphene-like Material for the Superhigh Adsorption of Organic Pollutants from Water via Coassembly Mechanisms. 2017 , 51, 12644-12652		40
315	Highly phosphorescent hollow fibers inner-coated with tungstate nanocrystals. 2017 , 4, 125029		3
314	AIE-active molecule-based self-assembled nano-fibrous films for sensitive detection of volatile organic amines. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 11781-11789	7.1	31
313	Amphiphilic Corannulene Derivatives: Synthetic Access and Development of a Structure/Property Relationship in Thermoresponsive Buckybowl Amphiphiles. <i>ACS Omega</i> , 2017 , 2, 4964-4971	3.9	17
312	Electrospun highly transparent, conducting Ag@polyacrylonitrile nanofibers prepared by post thermal treatment in the presence of tetraanilines. 2017 , 144, 146-154		3
311	Shape-persistent Macrocycles through Dynamic Covalent Reactions. 2017, 121-163		5
310	Flexible Photodetectors Based on Novel Functional Materials. 2017 , 13, 1701822		185
309	Self-Assembly Tuning of ⊞yanostilbene Fluorogens: Aggregates to Nanostructures. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 22478-22486	3.8	14
308	Visible-Light-Promoted C-S Cross-Coupling via Intermolecular Charge Transfer. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13616-13619	16.4	216
307	Molecular Organization Induced Anisotropic Properties of Perylene - Silica Hybrid Nanoparticles. 2017 , 7, 7842		9
306	Heli(aza)cene: A Helical Molecular Tweezer with Tunable Intra- and Intermolecular Charge Transfer. 2017 , 23, 15012-15016		7

305	Assessing the accuracy of integral equation theories for nano-sized hydrophobic solutes in water. <i>Journal of Chemical Physics</i> , 2017 , 147, 014110 3.9	12
304	White light emission from fluorene-EDOT and phenothiazine-hydroquinone based DA conjugated systems in solution, gel and film forms. <i>New Journal of Chemistry</i> , 2017 , 41, 9741-9751	7
303	Concentration-tailored self-assembly composition and function of the coordinating self-assembly of perylenetetracarboxylate. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 8936-8943	11
302	Novel derivatives of regioisomerically pure 1,7-disubstituted perylene diimide dyes bearing phenoxy and pyrrolidinyl substituents: Synthesis, photophysical, thermal, and structural properties. 2017 , 192, 414-423	9
301	DNA-Based Construction of Molecular Photonic Devices. 2017 , 1-21	
300	One-minute self-assembly of millimetre-long DAST crystalline microbelts via substrate-supported rapid evaporation crystallization. <i>RSC Advances</i> , 2017 , 7, 31691-31695	7
299	Metal Ion- and Perylene Diimide-Mediated DNA Architectures. 2017, 38-51	
298	Nanostructured organic semiconductor films for molecular detection with surface-enhanced Raman spectroscopy. 2017 , 16, 918-924	149
297	Parallel patterning of SiO wafer via near-field electrospinning of metallic salts and polymeric solution mixtures. 2017 , 28, 415301	9
296	Density Tunable Graphene Aerogels Using a Sacrificial Polycyclic Aromatic Hydrocarbon. 2017 , 254, 1700203	1
295	Cooperative Supramolecular Polymerization of Fluorescent Platinum Acetylides for Optical Waveguide Applications. 2017 , 56, 12466-12470	59
294	Cooperative Supramolecular Polymerization of Fluorescent Platinum Acetylides for Optical Waveguide Applications. <i>Angewandte Chemie</i> , 2017 , 129, 12640-12644	7
293	Optical and amplified spontaneous emission from an efficient conducting copolymer (PFO-co-MEH-PPV) in solution. 2017 , 192, 707-712	8
292	Influence of imide-substituents on the H-type aggregates of perylene diimides bearing cetyloxy side-chains at bay positions. <i>Soft Matter</i> , 2017 , 13, 9179-9191	12
291	Perylenediimide-based glycoclusters as high affinity ligands of bacterial lectins: synthesis, binding	11
	studies and anti-adhesive properties. 2017 , 15, 10037-10043	
290		1
290 289	studies and anti-adhesive properties. 2017 , 15, 10037-10043	

(2018-2017)

287	Triphenylamine functionalized Ketoiminate boron complex exhibiting aggregation-induced emission and mechanofluorochromism. <i>Dyes and Pigments</i> , 2017 , 137, 200-207	4.6	66
286	p-Quaterphenylene as an Aggregation-Induced Emission Fluorogen in Supramolecular Organogels and Fluorescent Sensors. 2017 , 12, 52-59		17
285	High performance hydrazine vapor sensor based on redox mechanism of twisted perylene diimide derivative with lower reduction potential. 2017 , 239, 898-905		29
284	Supramolecular amphiphilies based on water-soluble pillar[5]arene/paraquat derivatives and their self-assembly behaviour in water. 2017 , 29, 161-166		5
283	1D Columnar stacking structures in the single crystals of 5,10-diarylporphyrin metal complexes. 2017 , 21, 803-810		2
282	Configuration-specific electronic structure of strongly interacting interfaces: TiOPc on Cu(110). 2017 , 96,		6
281	. 2017,		45
280	Influence of Odd and Even Alkyl Chains on Supramolecular Nanoarchitecture via Self-Assembly of Tetraphenylethylene-Based AIEgens. 2017 , 7, 1119		5
279	Porphyrin-Based Organophotocatalysts. 2017,		2
278	Uncommon Aggregation-Induced Emission Molecular Materials with Highly Planar Conformations.	0	
	Advanced Optical Materials, 2018 , 6, 1701394	8.1	25
277	Advanced Optical Materials, 2018 , 6, 1701394 Unraveling the Mechanism of 1,3-Diyne Cross-Metathesis Catalyzed by Silanolate-Supported Tungsten Alkylidyne Complexes. 2018 , 24, 9022-9032	8.1	25
	Unraveling the Mechanism of 1,3-Diyne Cross-Metathesis Catalyzed by Silanolate-Supported	8.1	Ť
277	Unraveling the Mechanism of 1,3-Diyne Cross-Metathesis Catalyzed by Silanolate-Supported Tungsten Alkylidyne Complexes. 2018 , 24, 9022-9032 Piezofluorochromism of triphenylamine-based triphenylacrylonitrile derivative with intramolecular	3.4	23
² 77	Unraveling the Mechanism of 1,3-Diyne Cross-Metathesis Catalyzed by Silanolate-Supported Tungsten Alkylidyne Complexes. 2018 , 24, 9022-9032 Piezofluorochromism of triphenylamine-based triphenylacrylonitrile derivative with intramolecular charge transfer and aggregation-induced emission characteristics. 2018 , 59, 2057-2061 Elucidating Structural Evolution of Perylene Diimide Aggregates Using Vibrational Spectroscopy		23
²⁷⁷ ²⁷⁶ ²⁷⁵	Unraveling the Mechanism of 1,3-Diyne Cross-Metathesis Catalyzed by Silanolate-Supported Tungsten Alkylidyne Complexes. 2018, 24, 9022-9032 Piezofluorochromism of triphenylamine-based triphenylacrylonitrile derivative with intramolecular charge transfer and aggregation-induced emission characteristics. 2018, 59, 2057-2061 Elucidating Structural Evolution of Perylene Diimide Aggregates Using Vibrational Spectroscopy and Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4891-4900 Trithiazolyl-1,3,5-triazines bearing decyloxybenzene moieties: synthesis, photophysical and		23 5 10
²⁷⁷ ²⁷⁶ ²⁷⁵	Unraveling the Mechanism of 1,3-Diyne Cross-Metathesis Catalyzed by Silanolate-Supported Tungsten Alkylidyne Complexes. 2018, 24, 9022-9032 Piezofluorochromism of triphenylamine-based triphenylacrylonitrile derivative with intramolecular charge transfer and aggregation-induced emission characteristics. 2018, 59, 2057-2061 Elucidating Structural Evolution of Perylene Diimide Aggregates Using Vibrational Spectroscopy and Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4891-4900 Trithiazolyl-1,3,5-triazines bearing decyloxybenzene moieties: synthesis, photophysical and electrochemical properties, and self-assembly behavior. 2018, 16, 3584-3595 Optoelectronic Properties of Supramolecular Aggregates of Phenylalanine Conjugated Perylene		23 5 10
277 276 275 274 273	Unraveling the Mechanism of 1,3-Diyne Cross-Metathesis Catalyzed by Silanolate-Supported Tungsten Alkylidyne Complexes. 2018, 24, 9022-9032 Piezofluorochromism of triphenylamine-based triphenylacrylonitrile derivative with intramolecular charge transfer and aggregation-induced emission characteristics. 2018, 59, 2057-2061 Elucidating Structural Evolution of Perylene Diimide Aggregates Using Vibrational Spectroscopy and Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4891-4900 Trithiazolyl-1,3,5-triazines bearing decyloxybenzene moieties: synthesis, photophysical and electrochemical properties, and self-assembly behavior. 2018, 16, 3584-3595 Optoelectronic Properties of Supramolecular Aggregates of Phenylalanine Conjugated Perylene Bisimide. 2018, 3, 3993-4003 Angular-Shaped Naphthalene Bis(1,5-diamide-2,6-diylidene)malononitrile for High-Performance,		23 5 10 7

269	Fluorescent-Cavity Host: An Efficient Probe to Study Supramolecular Recognition Mechanisms. Journal of Physical Chemistry Letters, 2018 , 9, 1047-1052	6.4	20
268	A comparison of optical, electrochemical and self-assembling properties of two structural isomers based on 1,6- and 1,8-pyrenedione chromophores. <i>New Journal of Chemistry</i> , 2018 , 42, 2970-2978	3.6	1
267	Structural Polymorphism as the Result of Kinetically Controlled Self-Assembly. <i>Accounts of Chemical Research</i> , 2018 , 51, 465-474	24.3	17
266	Self-Assembly of Discrete Organic Nanotubes. 2018 , 91, 623-668		73
265	Directed Self-Assembly of Dipeptide Single Crystal in a Capillary. 2018 , 12, 1934-1939		15
264	Ambipolarity and Dimensionality of Charge Transport in Crystalline Group 14 Phthalocyanines: A Computational Study. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 2554-2563	3.8	17
263	Tuning the optical and electronic properties of perylene diimides through transversal core extension. 2018 , 137, 1		2
262	Augmenting Photoinduced Charge Transport in a Single-Component Gel System: Controlled In Situ Gel-Crystal Transformation at Room Temperature. 2018 , 24, 6217-6230		7
261	Enhanced visible-light photocatalysis via back-electron transfer from palladium quantum dots to perylene diimide. <i>Applied Catalysis B: Environmental</i> , 2018 , 230, 49-57	21.8	26
260	From nano to micro to macro: Electrospun hierarchically structured polymeric fibers for biomedical applications. 2018 , 81, 80-113		199
260 259			199
	applications. 2018, 81, 80-113 Supramolecular Assembly of Phosphole Oxide Based Alkynylplatinum(II) 2,6-Bis(N-alkylbenzimidazol-2'-yl)pyridine Complexes-An Interplay of Hydrophobicity and Aromatic		
259	applications. 2018, 81, 80-113 Supramolecular Assembly of Phosphole Oxide Based Alkynylplatinum(II) 2,6-Bis(N-alkylbenzimidazol-2'-yl)pyridine Complexes-An Interplay of Hydrophobicity and Aromatic Eurfaces. 2018, 24, 1383-1393 Fabrication of fluorescent star-like supramolecular materials through a novel ionic self-assembly		13
259 258	applications. 2018, 81, 80-113 Supramolecular Assembly of Phosphole Oxide Based Alkynylplatinum(II) 2,6-Bis(N-alkylbenzimidazol-2'-yl)pyridine Complexes-An Interplay of Hydrophobicity and Aromatic Eburfaces. 2018, 24, 1383-1393 Fabrication of fluorescent star-like supramolecular materials through a novel ionic self-assembly strategy. 2018, 250, 369-374 Engineered Transport in Microporous Materials and Membranes for Clean Energy Technologies.		13 3
259 258 257	Supramolecular Assembly of Phosphole Oxide Based Alkynylplatinum(II) 2,6-Bis(N-alkylbenzimidazol-2'-yl)pyridine Complexes-An Interplay of Hydrophobicity and Aromatic Eburfaces. 2018, 24, 1383-1393 Fabrication of fluorescent star-like supramolecular materials through a novel ionic self-assembly strategy. 2018, 250, 369-374 Engineered Transport in Microporous Materials and Membranes for Clean Energy Technologies. 2018, 30, 1704953 Self-Assembly of the Nonplanar Fe(III) Phthalocyanine Small-Molecule: Unraveling the Impact on		13 3 67
259 258 257 256	Supramolecular Assembly of Phosphole Oxide Based Alkynylplatinum(II) 2,6-Bis(N-alkylbenzimidazol-2'-yl)pyridine Complexes-An Interplay of Hydrophobicity and Aromatic ESurfaces. 2018, 24, 1383-1393 Fabrication of fluorescent star-like supramolecular materials through a novel ionic self-assembly strategy. 2018, 250, 369-374 Engineered Transport in Microporous Materials and Membranes for Clean Energy Technologies. 2018, 30, 1704953 Self-Assembly of the Nonplanar Fe(III) Phthalocyanine Small-Molecule: Unraveling the Impact on the Magnetic Properties of Organic Nanowires. 2018, 30, 879-887 Molecular Control of Internal Crystallization and Photocatalytic Function in Supramolecular		13 3 67 7
259 258 257 256 255	Supramolecular Assembly of Phosphole Oxide Based Alkynylplatinum(II) 2,6-Bis(N-alkylbenzimidazol-2'-yl)pyridine Complexes-An Interplay of Hydrophobicity and Aromatic Eburfaces. 2018, 24, 1383-1393 Fabrication of fluorescent star-like supramolecular materials through a novel ionic self-assembly strategy. 2018, 250, 369-374 Engineered Transport in Microporous Materials and Membranes for Clean Energy Technologies. 2018, 30, 1704953 Self-Assembly of the Nonplanar Fe(III) Phthalocyanine Small-Molecule: Unraveling the Impact on the Magnetic Properties of Organic Nanowires. 2018, 30, 879-887 Molecular Control of Internal Crystallization and Photocatalytic Function in Supramolecular Nanostructures. 2018, 4, 1596-1608 Morphology-controlled self-assembled nanostructures of an organic emitter based on an aromatic		13 3 67 7 26

(2018-2018)

251	Antisolvent-assisted controllable growth of fullerene single crystal microwires for organic field effect transistors and photodetectors. <i>Nanoscale</i> , 2018 , 10, 8170-8179	7.7	31
250	Ionic self-assembly of bundles of ultralong SC/MB nanobelts with enhanced electrocatalytic activity for detection of ascorbic acid. 2018 , 255, 1-9		2
249	Supramolecular packing dominant photocatalytic oxidation and anticancer performance of PDI. <i>Applied Catalysis B: Environmental</i> , 2018 , 231, 251-261	21.8	73
248	Conjugated polymer nano-ellipsoids assembled with octanoic acid and their polyurethane nanocomposites with simultaneous thermal storage and antibacterial activity. 2018 , 63, 33-40		11
247	From Foldable Open Chains to Shape-Persistent Macrocycles: Synthesis, Impact on 2D Ordering, and Stimulated Self-Assembly. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4726-4735	16.4	17
246	Locking the Coplanar Conformation of Conjugated Molecules and Macromolecules Using Dynamic Noncovalent Bonds. 2018 , 39, 1700241		39
245	Ammonia sensing properties of perylene diimides: Effects of core-substituted chiral groups. 2018 , 254, 805-810		17
244	pH-responsive liposomes self-assembled from electrosprayed microparticles, and their drug release properties. 2018 , 537, 20-27		22
243	Progress in organic photocatalysts. 2018 , 37, 1-12		29
242	Organic semiconductor crystals. <i>Chemical Society Reviews</i> , 2018 , 47, 422-500	58.5	429
242	Organic semiconductor crystals. <i>Chemical Society Reviews</i> , 2018 , 47, 422-500 Fluorescence emission and image patterning from selective photocyclic aromatization of cislisoid helical poly(phenylacetylene)s in situ in a film via top-down photodegradation. <i>Dyes and Pigments</i> , 2018 , 149, 444-448	58.5 4.6	429 1
	Fluorescence emission and image patterning from selective photocyclic aromatization of cistisoid helical poly(phenylacetylene)s in situ in a film via top-down photodegradation. <i>Dyes and Pigments</i> , 2018 , 149, 444-448 Aggregation-induced emission and mechanofluorochromism of tetraphenylbutadiene modified		
241	Fluorescence emission and image patterning from selective photocyclic aromatization of cisdisoid helical poly(phenylacetylene)s in situ in a film via top-down photodegradation. <i>Dyes and Pigments</i> , 2018 , 149, 444-448 Aggregation-induced emission and mechanofluorochromism of tetraphenylbutadiene modified	4.6	1
241	Fluorescence emission and image patterning from selective photocyclic aromatization of cislisoid helical poly(phenylacetylene)s in situ in a film via top-down photodegradation. <i>Dyes and Pigments</i> , 2018 , 149, 444-448 Aggregation-induced emission and mechanofluorochromism of tetraphenylbutadiene modified #ketoiminate boron complexes. <i>Dyes and Pigments</i> , 2018 , 150, 165-173 Di-2-(2-oxindolin-3-ylidene)malononitrile Derivatives for N-Type Air-Stable Organic Field-Effect	4.6	1 36 15
241 240 239	Fluorescence emission and image patterning from selective photocyclic aromatization of cisilisoid helical poly(phenylacetylene)s in situ in a film via top-down photodegradation. <i>Dyes and Pigments</i> , 2018 , 149, 444-448 Aggregation-induced emission and mechanofluorochromism of tetraphenylbutadiene modified Retoiminate boron complexes. <i>Dyes and Pigments</i> , 2018 , 150, 165-173 Di-2-(2-oxindolin-3-ylidene)malononitrile Derivatives for N-Type Air-Stable Organic Field-Effect Transistors. 2018 , 20, 40-43 Controllable supramolecular self-assemblies (rodsWiresEpheres) and ICT/PET based perylene probes for palladium detection in solution and the solid state. <i>New Journal of Chemistry</i> , 2018 , 42, 1010-Self-assembly of supramolecular nanotubes/microtubes from 3.5-dimethyl-4-iodopyrazole for	4.6	1 36 15
241240239238	Fluorescence emission and image patterning from selective photocyclic aromatization of cistisoid helical poly(phenylacetylene)s in situ in a film via top-down photodegradation. <i>Dyes and Pigments</i> , 2018 , 149, 444-448 Aggregation-induced emission and mechanofluorochromism of tetraphenylbutadiene modified Retoiminate boron complexes. <i>Dyes and Pigments</i> , 2018 , 150, 165-173 Di-2-(2-oxindolin-3-ylidene)malononitrile Derivatives for N-Type Air-Stable Organic Field-Effect Transistors. 2018 , 20, 40-43 Controllable supramolecular self-assemblies (rodsWiresEpheres) and ICT/PET based perylene probes for palladium detection in solution and the solid state. <i>New Journal of Chemistry</i> , 2018 , 42, 1010-Self-assembly of supramolecular nanotubes/microtubes from 3,5-dimethyl-4-iodopyrazole for plasmonic nanoparticle organization. <i>Nanoscale</i> , 2018 , 10, 20804-20812	4.6 4.6	1 36 15 31
241240239238237	Fluorescence emission and image patterning from selective photocyclic aromatization of cistisoid helical poly(phenylacetylene)s in situ in a film via top-down photodegradation. <i>Dyes and Pigments</i> , 2018 , 149, 444-448 Aggregation-induced emission and mechanofluorochromism of tetraphenylbutadiene modified Retoiminate boron complexes. <i>Dyes and Pigments</i> , 2018 , 150, 165-173 Di-2-(2-oxindolin-3-ylidene)malononitrile Derivatives for N-Type Air-Stable Organic Field-Effect Transistors. 2018 , 20, 40-43 Controllable supramolecular self-assemblies (rods@ires@pheres) and ICT/PET based perylene probes for palladium detection in solution and the solid state. <i>New Journal of Chemistry</i> , 2018 , 42, 1010-Self-assembly of supramolecular nanotubes/microtubes from 3,5-dimethyl-4-iodopyrazole for plasmonic nanoparticle organization. <i>Nanoscale</i> , 2018 , 10, 20804-20812 Existence of a Precipitation Threshold in the Electrostatic Precipitation of Oppositely Charged	4.6 4.6 - 1 620	1 36 15 31

233	Photoswitchable Self-Assembly/Disassembly of Near-Infrared Fluorophores. 2018 , 24, 16251-16256		6
232	Thienoisoindigo-Based Semiconductor Nanowires Assembled with 2-Bromobenzaldehyde via Both Halogen and Chalcogen Bonding. 2018 , 8, 14448		14
231	Sequential Self-Assembly of 1D Branched Organic Homostructures with Optical Logic Gate Function. 2018 , 28, 1804915		26
230	Complex Logic Circuit of Three-Input and Nine-Output by DNA Strand Displacement. 2018 , 287-295		
229	Existence of a Precipitation Threshold in the Electrostatic Precipitation of Oppositely Charged Nanoparticles. 2018 , 57, 16062-16066		10
228	Controlling and Expanding the Selectivity of Filtration Membranes. 2018 , 30, 7328-7354		54
227	Star-Shaped Cyanostilbene-Based Dyads: Synthesis, Self-Assembly and Photophysical Properties. 2018 , 4, 785-789		О
226	Donor-Acceptor Supramolecular Organic Nanofibers as Visible-Light Photoelectrocatalysts for Hydrogen Production. <i>ACS Applied Materials & Samp; Interfaces</i> , 2018 , 10, 19764-19772	9.5	15
225	Hierarchical heterostructure of Ag-nanoparticle decorated fullerene nanorods (Ag-FNRs) as an effective single particle freestanding SERS substrate. 2018 , 20, 18873-18878		19
224	Platinum(II)-azoimidazole drugs against TB and cancer: Structural studies, cytotoxicity and anti-mycobacterial activity. <i>Polyhedron</i> , 2018 , 152, 1-10	2.7	4
223	Surface Modification of Aramid Fibres with Graphene Oxide for Interface Improvement in Composites. 2018 , 25, 843-852		30
222	Metal-free Annulation at the Ortho- and Bay-Positions of Perylene Bisimide Leading to Lateral Extension with Strong NIR Absorption. 2018 , 83, 9547-9552		21
221	Highly responsive hydrazine sensors based on donor-acceptor perylene diimides: impact of electron-donating groups. 2018 , 20, 19037-19044		10
220	Fabrication and characterization of dichroic fine crystals by the reprecipitation method. 2018 , 11, 0650	01	
219	Recent progress in the stabilization of supramolecular assemblies with functional polydiacetylenes. <i>Polymer Chemistry</i> , 2018 , 9, 3019-3028	4.9	38
218	Synthesis of dendronic triazolo-pyridazinones and their self-assembly into nanofibers and nanorods. 2018 , 8, 159-169		3
217	Solid state synthesis of novel charge transfer complex and studies of its crystal structure and optical properties. 2018 , 268, 67-74		4
216	Deriving highly oriented organic nanofibers and ternary memory performance via salification-induced effects. 2018 , 54, 10610-10613		14

215	Spermine-directed supramolecular self-assembly of water-soluble AIE-active tetraphenylethylene: nanobelt, nanosheet, globular and nanotubular structures. <i>New Journal of Chemistry</i> , 2018 , 42, 15379-1	5386	9
214	Self-assembly, optical and electrical properties of perylene diimide dyes bearing unsymmetrical substituents at bay position. 2018 , 8, 8208		50
213	Programmed Negative Allostery with Guest-Selected Rotamers Control Anion-Anion Complexes of Stackable Macrocycles. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7773-7777	16.4	15
212	Sequential Symmetry-Breaking Intercolumnar Transformations of a Conjugated Rod Molecule with a Flexible Coil. 2019 , 27, 1255-1260		
211	Robust supramolecular nanocylinders of naphthalene diimide in water. 2019 , 55, 9519-9522		12
210	Visible-light photocatalytic aerobic oxidation of sulfides to sulfoxides with a perylene diimide photocatalyst. 2019 , 17, 7144-7149		18
209	Conformationally directed assembly of peptides on 2D surfaces mediated by thermal stimuli. <i>Soft Matter</i> , 2019 , 15, 7360-7368	3.6	5
208	Topochemical Polymerization of a Nematic Tetraazaporphyrin Derivative To Generate Soluble Polydiacetylene Nanowires. <i>Langmuir</i> , 2019 , 35, 15158-15167	4	6
207	Synthesis, optical and electrochemical abilities of highly soluble poly(epoxy-ether)s bearing perylene bisimide units and their enhanced thermal properties by curing process. 2019 , 137, 105284		4
206	Hooking Together Sigmoidal Monomers into Supramolecular Polymers. <i>Angewandte Chemie</i> , 2019 , 131, 15935-15939	3.6	
205	Hooking Together Sigmoidal Monomers into Supramolecular Polymers. 2019 , 58, 15788-15792		3
204	One-Drop Self-Assembly of Ultra-Fine Second-Order Organic Nonlinear Optical Crystal Nanowires. 2019 , 14, 269		2
203	Carrier-free nanodrug: A novel strategy of cancer diagnosis and synergistic therapy. 2019 , 570, 118663		46
202	Epitaxial growth of dual-color-emitting organic heterostructures via binary solvent synergism driven sequential crystallization. <i>Nanoscale</i> , 2019 , 11, 7111-7116	7.7	20
201	Diverse sensor responses from two functionalized tris(phthalocyaninato)europium ambipolar semiconductors towards three oxidative and reductive gases. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 424-433	7.1	14
200	Surfactant-Assisted Cooperative Self-Assembly of Nanoparticles into Active Nanostructures. 2019 , 11, 272-293		45
199	Polymeric fibers and microporous films by photo-crosslinking of triphenylene-derived liquid crystals. 2019 , 57, 605-612		3
198	Branching effect on triphenylamine-CF3 cyanostilbenes: enhanced emission and aggregation in water. <i>New Journal of Chemistry</i> , 2019 , 43, 4106-4115	3.6	8

197	Laser Systems and Networks with Organic Nanowires and Nanofibers. <i>Advanced Optical Materials</i> , 2019 , 7, 1900192	8.1	11
196	Aqueous dispersions of thienoisoindigo-based semiconductor nanorods assembled with 2-bromobenzaldehyde and a phospholipid. 2019 , 288, 111046		2
195	Isoindigo-Based Binary Polymer Blends for Solution-Processing of Semiconducting Nanofiber Networks. 2019 , 1, 1778-1786		10
194	Naphthyl End-Capped Terthiophene-Based Chemiresistive Sensors for Biogenic Amine Detection and Meat Spoilage Monitoring. 2019 , 14, 2751-2758		8
193	The effect of planar atomic configuration in the enhancement of AC conductivity and dielectric characterization of bisbenzimidazo[2,1-a:2?,1?-a?]anthra[2,1,9-def:6,5,10-d?e?f?]diisoquinoline-10,21-dione7 (BI-diisoQ)		4
192	thin film. 2019 , 30, 13024-13032 Supramolecular nanomaterials with photocatalytic activity obtained via self-assembly of a fluorinated porphyrin derivative. 2019 , 254, 115639		13
191	Design of an Amphiphilic Perylene Diimide for Optical Recognition of Anticancer Drug through a Chirality-Induced Helical Structure. 2019 , 25, 9834-9839		4
190	Synthesis, Self-Assembly and Characterization of Tandem Triblock BPOSS-PDI-X Shape Amphiphiles. 2019 , 24,		2
189	Construction of anisotropic fluorescent nanofibers assisted by electro-spinning and its optical sensing applications <i>RSC Advances</i> , 2019 , 9, 12585-12589	3.7	2
188	Impact of charge switching stimuli on supramolecular perylene monoimide assemblies. <i>Chemical Science</i> , 2019 , 10, 5779-5786	9.4	14
187	Assessing the Role of Intermolecular Interactions in a Perylene-Based Nanowire Using First-Principles Many-Body Perturbation Theory. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 2842-28	4 8 4	5
186	Weak Links To Differentiate Weak Bonds: Size-Selective Response of EConjugated Macrocycle Gels to Ammonium Ions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5980-5986	16.4	12
185	Poly(3-hexylthiophene) Nanoparticles Prepared via a Film Shattering Process and Hybridization with TiO2 for Visible-Light Active Photocatalysis. 2019 , 27, 427-434		9
184	Microemulsion-Assisted Self-Assembly and Synthesis of Size-Controlled Porphyrin Nanocrystals with Enhanced Photocatalytic Hydrogen Evolution. 2019 , 19, 2614-2619		59
183	Ultrafast dynamics of laser from green conjugated-oligomer in solution. 2019 , 169, 106-114		9
182	Dimensional Control in Contorted Aromatic Materials. 2019 , 19, 1050-1061		10
181	Conjugated Macrocycles in Organic Electronics. <i>Accounts of Chemical Research</i> , 2019 , 52, 1068-1078	24.3	59
180	Covalently Linked Perylene Diimide-Polydiacetylene Nanofibers Display Enhanced Stability and Photocurrent with Reversible FRET Phenomenon. 2019 , 15, e1901342		20

(2020-2019)

179	Kinetically and Thermodynamically Controlled Nanostructures of Perylene-Substituted Lophine Derivatives. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 10145-10152	1
178	Mechanistic Insights into the Self-Assembly of an Acid-Sensitive Photoresponsive Supramolecular Polymer. 2019 , 25, 9230-9236	11
177	Morphology-controlled self-assembled micro-structures of nickel porphyrin with enhanced ethanol sensing properties. 2019 , 105, 112-118	1
176	Unconventional Nanofabrication for Supramolecular Electronics. 2019 , 31, e1900599	24
175	Periphery Design of Macrocyclic Materials for Organic Light-Emitting Devices with a Blue Phosphorescent Emitter. 2019 , 21, 2759-2762	2
174	The crystal structure of 4-((2-(4,5-dihydro-1,5-diphenyl-1H-pyrazol-3-yl)anthracen-10-yl) methyl)morpholine, C34H31N3O. 2019 , 234, 451-452	
173	The Nature and Applications of Interactions: A Perspective. 2019 , 19, 523-528	129
172	Switchable Schottky Contacts: Simultaneously Enhanced Output Current and Reduced Leakage Current. <i>Journal of the American Chemical Society</i> , 2019 , 141, 1628-1635	35
171	The role of calcite and silica interfaces on the aggregation and transport of asphaltenes in confinement. 2019 , 274, 792-800	21
170	Planar Benzo[1,2- b:4,5- b']dithiophene Derivatives Decorated with Nitronyl and Imino Nitroxides. 2019 , 84, 140-149	8
169	Improved Transistor Performance by Modulating Molecular Packing with Donor and Acceptor Moieties. 2019 , 14, 1686-1691	1
168	Reducing aggregation caused quenching effect through co-assembly of PAH chromophores and molecular barriers. 2019 , 10, 169	178
167	An instant reused luminescent mixed matrix membrane sensor for convenient phenolic nitro-explosives detection. 2019 , 370, 51-57	9
166	Resonance Energy Transfer in a Genetically Engineered Polypeptide Results in Unanticipated Fluorescence Intensity. 2019 , 25, 961-965	
165	Structural and Optical Properties of New Naphthalene and Perylene Imide Imidazoles. 2019 , 39, 363-373	4
164	The enhanced visible-light-driven antibacterial performances of PTCDI-PANI(Fe(III)-doped) heterostructure. 2020 , 383, 121166	22
163	Self-assembly, protonation-dependent morphology, and photophysical properties of perylene bisimide with tertiary amine groups. <i>Dyes and Pigments</i> , 2020 , 173, 107896	7
162	Structural Design and Applications of Stereoregular Fused Thiophenes and Their Oligomers and Polymers. 2020 , 60, 318-358	18

161	Solid-state emissive organic chromophores: design, strategy and building blocks. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 788-802	7.1	46
160	Thermal Selection of Aqueous Molecular Conformations for Tailored Energetics of Peptide Assemblies at Solid Interfaces. <i>Langmuir</i> , 2020 , 36, 318-327	4	4
159	Supramolecular polymerization through kinetic pathway control and living chain growth. 2020 , 4, 38-53		169
158	Synthesis, Crystal Structures, Density Functional Theory (DFT) Calculations and Molecular Orbital Calculations of Two New Metal-Free Macrocyclic Schiff Bases Derived from 2,6-Dibenzoyl-4-alkylphenol and Diamines. 2020 , 50, 400-409		2
157	Synthesis and properties of bay unilaterally extended and mono-substituted perylene diimides. 2020 , 44, 60-66		4
156	1D nanowires of non-centrosymmetric molecular semiconductors grown by physical vapor deposition. 2020 , 5, 110-116		1
155	Tunable low-dimensional self-assembly of H-shaped bichromophoric perylenediimide Gemini in solution. <i>Nanoscale</i> , 2020 , 12, 3058-3067	7.7	6
154	Conveniently Synthesized Butterfly-Shaped Bitriphenylenes and their Application in Solution-Processed Organic Field-Effect Transistor Devices. 2020 , 2020, 662-673		3
153	Greener Dye Synthesis: Continuous, Solvent-Free Synthesis of Commodity Perylene Diimides by Twin-Screw Extrusion. 2020 , 59, 4478-4483		26
152	Surface structure and fluorescence characteristics of concentrated carbon point. 2020 , 586, 124201		1
151	Microstructured Ultrathin Organic Semiconductor Film via Dip-Coating: Precise Assembly and Diverse Applications. 2020 , 1, 201-212		4
150	Refined RGB Strategy for the Synthesis of Polymer-Based Full Organic Luminescent Nanotubes with Broad Emission Bands. 2020 , 4, 5376-5382		
149	Visible-light-induced regioselective cross-dehydrogenative coupling of 2-isothiocyanatonaphthalenes with amines using molecular oxygen. 2020 , 63, 1652-1658		47
148	Second-harmonic generation in one-dimensional ANDS microstructures by nanosecond laser radiation pulses. 2020 , 110, 110464		
147	Three-dimensional conjugated macrocycle with large polyaromatic blocks constructed by post-Eextension. 2020 , 63, 1626-1631		2
146	One-step synthesis of an acceptorflonorflcceptor small molecule based on indacenodithieno[3,2-b]thiophene and benzothiadiazole units for high-performance solution-processed organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 14180-141	<i>7.</i> 1 85	1
145	Perylene diimide self-assembly: From electronic structural modulation to photocatalytic applications. 2020 , 41, 091708		9
144	Fabrication of One-Dimensional Organic Nanofiber Networks Electrophoretic Deposition for a Nonvolatile Memory Device. <i>ACS Applied Materials & Electrophoretic Deposition for a Nonvolatile Memory Device.</i>	9.5	5

143	Nanoparticles as suitable messengers for molecular communication. <i>Nanoscale</i> , 2020 , 12, 22386-22397	7.7	5
142	Solvent Nuances Modulate the Decreasing Effect of a Model Asphaltene on Interfacial Tension. 2020 , 34, 13862-13870		O
141	Kinetically Stable Nanoribbons with Improved Exciton Migration Length for Detecting Explosives. <i>ACS Applied Nano Materials</i> , 2020 , 3, 4880-4885	5.6	4
140	Long-Lived Photocharges in Supramolecular Polymers of Low-Band-Gap Chromophores. 2020 , 26, 9506-9	9517	6
139	Systematic elucidation of crystal structure of fluorinated gemini-type diamide derivatives having different lengths with thixotropic induced-ability to solvents. 2020 , 233, 109505		3
138	Polydiacetylene-Perylenediimide Supercapacitors. 2020 , 13, 3230-3236		12
137	In-plane polarization induced by the hydrogen bonding and Istacking of functionalized PDI supramolecules for the efficient photocatalytic degradation of organic pollutants. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2673-2687	7.8	15
136	Monitoring the Hierarchical Evolution from a Double-Stranded Helix to a Well-Defined Microscopic Morphology Based on a Turbine-like Aromatic Molecule. <i>ACS Omega</i> , 2020 , 5, 16612-16618	3.9	
135	Template-Assisted Electrochemical Deposition for Organic and Hybrid Nanowire Electronics. <i>Advanced Optical Materials</i> , 2020 , 8, 2000866	8.1	4
134	Supramolecular Polymerization and Functions of Isoxazole Ring Monomers. <i>Chemistry Letters</i> , 2020 , 49, 574-584	1.7	11
133	Facile Synthetic Route for Direct Access of Perylenediimide Single Crystals in High Yield through In Situ Crystallization. 2020 , 5, 2070-2074		О
132	Greener Dye Synthesis: Continuous, Solvent-Free Synthesis of Commodity Perylene Diimides by Twin-Screw Extrusion. <i>Angewandte Chemie</i> , 2020 , 132, 4508-4513	3.6	7
131	Fluorescent chemo-sensors based on dually smart@ptical micro/nano-waveguides lithographically fabricated with AIE composite resins. 2020 , 7, 1782-1789		9
130	Competitive hydrogen bonding in supramolecular polymerizations of tribenzylbenzene-1,3,5-tricarboxamides. 2020 , 5, 820-828		4
129	Organic Acid Regulated Self-Assembly and Photophysical Properties of Perylene Bisimide Derivatives. 2020 , 13,		
128	Induced Wide Nematic Phase by Seven-Ring Supramolecular H-Bonded Systems: Experimental and Computational Evaluation. 2020 , 25,		7
127	Synthesis and Properties of a Cyclohexa-2,7-anthrylene Ethynylene Derivative. 2021 , 60, 998-1003		3
126	Fast Response Organic Supramolecular Transistors Utilizing In-Situ Eon Gels. 2021 , 33, e2006061		3

125	Integrative self-assembly of covalent organic frameworks and fluorescent molecules for ultrasensitive detection of a nerve agent simulant. 2021 , 64, 1189-1196		1
124	A Highly Ordered Quantum Dot Supramolecular Assembly Exhibiting Photoinduced Emission Enhancement. 2021 , 60, 6473-6479		3
123	Synthesis and derivatization of hetera-buckybowls. 2021 , 19, 101-122		8
122	Synthesis and Properties of a Cyclohexa-2,7-anthrylene Ethynylene Derivative. <i>Angewandte Chemie</i> , 2021 , 133, 1011-1016	3.6	Ο
121	Chiral supramolecular polymerization of dicyanostilbenes with emergent circularly polarized luminescence behavior. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 4986-4993	5.2	2
120	Polymorphism and Optoelectronic Properties in Crystalline Supramolecular Polymers. 2021 , 33, 706-71	8	5
119	Control over size, shape, and photonics of self-assembled organic nanocrystals. 2021, 17, 42-51		1
118	OrganicIhorganic Hybrid Nanofibers Formed by Bottom-Up Hierarchical Self-Assembly. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 1441-1446	3.8	O
117	RigidElexible Block Molecule-Based Nanotubes. 2021 , 291-352		
116	A Low-Power Tunable Frequency Selective Surface for Multiplexed Remote Sensing. 2021 , 9, 58478-584	186	1
115	By-design molecular architectures alkyne metathesis. <i>Chemical Science</i> , 2021 , 12, 9591-9606	9.4	12
114	Recent Advances in Perylene Diimide-Based Active Materials in Electrical Mode Gas Sensing. <i>Chemosensors</i> , 2021 , 9, 30	4	10
113	A Highly Ordered Quantum Dot Supramolecular Assembly Exhibiting Photoinduced Emission Enhancement. <i>Angewandte Chemie</i> , 2021 , 133, 6547-6553	3.6	
112	Experimental study of optical properties of polymeric nanowires: exciton dynamic migration. 2021 , 127, 1		O
111	ReviewRecent Advances of Signal Amplified Smart Conjugated Polymers for Optical Detection on Solid Support. 2021 , 10, 037006		4
110	Langmuir-Schaefer Perylene Derivative Films: Influence of the Molecular Chemical Structure on the Supramolecular Arrangement. <i>Langmuir</i> , 2021 , 37, 3836-3848	4	O
109	Nature-inspired organic semiconductor via solvophobic self-assembly of porphyrin derivative as an effective photocatalyst for degradation of rhodamine B dye. 2021 , 40, 101876		4
108	Fluorescence Quenching in J-Aggregates through the Formation of Unusual Metastable Dimers. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 4438-4446	3.4	1

107	Emerging Organic/Hybrid Photovoltaic Cells for Indoor Applications: Recent Advances and Perspectives. 2021 , 5, 2100042	10
106	EConjugated Materials Derived From Boron-Chalcogenophene Combination. A Brief Description of Synthetic Routes and Optoelectronic Applications. 2021 , 21, 1738-1770	2
105	Scalable Single-Crystalline Organic 1D Arrays for Image Sensor. 2021 , 17, e2100332	6
104	Accessing Improbable Foldamer Shapes with Strained Macrocycles. 2021 , 27, 11205-11215	1
103	Highly responsive triethylamine vapor sensor based on a perylene diimide-polydiacetylene system via heat-induced tuning of the molecular packing approach. 2021 , 334, 129660	6
102	Using Density Functional Theory to Correlate Charge Transport Properties with Gas Sensing by Organic Nanowires. <i>ACS Applied Nano Materials</i> , 2021 , 4, 5972-5980	1
101	Stable organic self-assembled microwire lasers for chemical vapor sensing. 2021 , 4,	2
100	Thickness film effect on charge transport in nanostructure indeno[1, 2-b]fluorene-6,12 dione. 2021 , 276, 116762	3
99	Engineering the Color and the Donor-Acceptor Behavior in Nanowires: Blend Versus Coaxial Geometry.	
98	Significance of secondary forces toward improving the charge carrier mobility of Isoindigo based conjugated small molecules. 2021 , 774, 138621	1
97	Loading Linear Arrays of Cu Inside Aromatic Amide Helices. 2021 , 60, 18461-18466	1
96	Loading Linear Arrays of Cull Inside Aromatic Amide Helices. <i>Angewandte Chemie</i> , 2021 , 133, 18609-1861,46	O
95	Modulating the Photophysical Properties and Electron Transfer Rates in Diketopyrrolopyrrole-Based Coordination Polymers. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 9579-95874	0
94	Generation of emissive nanosphere from micro-aggregates in anionic perylene diimide: Co-relation of self-assembly, emission, and electrical properties. <i>Dyes and Pigments</i> , 2021 , 192, 109461	2
93	Visible-light induced activation of persulfate by self-assembled EHPDI/TiO photocatalyst toward efficient degradation of carbamazepine. <i>Science of the Total Environment</i> , 2021 , 783, 146996	8
92	Metal Halide Scaffolded Assemblies of Organic Molecules with Enhanced Emission and Room Temperature Phosphorescence. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 8229-8236	5
91	Recent developments of perylene diimide (PDI) supramolecular photocatalysts: A review. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2021 , 48, 100436	10
90	Excited-State Lifetimes of DNA-Templated Cyanine Dimer, Trimer, and Tetramer Aggregates: The Role of Exciton Delocalization, Dye Separation, and DNA Heterogeneity. <i>Journal of Physical</i> 3.4 <i>Chemistry B</i> , 2021 , 125, 10240-10259	10

89	2D Optical Waveguides Based on Hierarchical Organic Semiconductor Single Crystals. <i>Advanced Optical Materials</i> , 2101481	8.1	3
88	Comparison of {O,S}- vs {N,S}-donor ligands in PtNi heterobimetallic lantern complexes. <i>Polyhedron</i> , 2021 , 208, 115403	2.7	O
87	Hierarchical self-assemblies of carnosine asymmetrically functioned perylene diimide with high optoelectronic response. <i>Journal of Colloid and Interface Science</i> , 2021 , 601, 746-757	9.3	4
86	Ultrathin perylene imide nanosheet with fast charge transfer enhances photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2021 , 298, 120585	21.8	7
85	Nanopatterns of molecular spoked wheels as giant homologues of benzene tricarboxylic acids. <i>Chemical Science</i> , 2021 , 12, 9352-9358	9.4	3
84	Periodic nanostructures: preparation, properties and applications. <i>Chemical Society Reviews</i> , 2021 , 50, 6423-6482	58.5	16
83	Expanded all-phenylene molecular spoked wheels: cutouts of graphenylene-3. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 4980-4985	5.2	2
82	Self-assembly of copper nanoclusters: isomeric ligand effect on morphological evolution. <i>Nanoscale Advances</i> , 2021 , 3, 5570-5575	5.1	6
81	Fully Conjugated Nano-Sized Macrocycles: Syntheses and Versatile Properties. 165-194		2
80	Self-assembly and tunable optical properties of intramolecular charge transfer molecules. <i>Aggregate</i> , 2020 , 1, 57-68	22.9	12
79	Charge Transport and Recombination in Organic Solar Cells (OSCs). 2014 , 19-52		1
78	Soft-Matter Nanotubes: A Platform for Diverse Functions and Applications. <i>Chemical Reviews</i> , 2020 , 120, 2347-2407	68.1	81
77	Fine-Tuning of Crystal Packing and Charge Transport Properties of BDOPV Derivatives through Fluorine Substitution. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15947-56	16.4	177
76	Water induced morphological transformation of a poly(aryl ether) dendron amphiphile: helical fibers to nanorods, as light-harvesting antenna systems. <i>Nanoscale</i> , 2018 , 10, 1464-1473	7.7	12
75	Self-assembled supramolecular nanostructure photosensitizers for photocatalytic hydrogen evolution. <i>APL Materials</i> , 2020 , 8, 120706	5.7	6
74	Perylene Imide-Based Optical Chemosensors for Vapor Detection. <i>Chemosensors</i> , 2021 , 9, 1	4	7
73	Nanoscale Crystalline Sheets and Vesicles Assembled from Nonplanar Cyclic -Conjugated Molecules. <i>Research</i> , 2019 , 2019, 1953926	7.8	2
	Molecules. Research, 2019, 1933920		

71	Simple Synthetic Manipulation Allowing for Morphological Diversity of Porphyrin-Based Microcrystals. <i>Bulletin of the Korean Chemical Society</i> , 2011 , 32, 609-612	1.2	3
70	Self-Assemblies of Functional Dyes Controlled by Multiple Hydrogen Bonding Interactions. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2009 , 67, 1231-1239	0.2	1
69	Potential of Directed- and Self-Assembled Molecular Nanowires for Optoelectronic Functional Devices. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 06FA01	1.4	3
68	Halogen bonding vs. Estacking interactions in new bis(acenaphthylene)dione semiconductors. <i>CrystEngComm</i> ,	3.3	O
67	Preparation and investigation of the formation mechanism of organic single crystal nanostructures of PTCDA. Wuli Xuebao/Acta Physica Sinica, 2012, 61, 078103	0.6	1
66	Preparation of Self-Assembled Crystalline Microparticles with Bispyridyl Zn-Porphyrin. <i>Bulletin of the Korean Chemical Society</i> , 2012 , 33, 1317-1320	1.2	
65	Smart Nanofibers. <i>NIMS Monographs</i> , 2014 , 189-235	0.3	
64	- Theoretical Modeling for Electron Transfer in Organic Materials. 2014 , 20-51		
63	Single-Particle Triggered Polymerization. Springer Briefs in Molecular Science, 2015, 69-74	0.6	
62	E-beam Irradiation of Diyne-Cobaltcarbonyl Complexes for the Generation of Conjugated Alkyne in Gas Phase. <i>Rapid Communication in Photoscience</i> , 2015 , 4, 86-87		1
61	E-beam Irradiated Fragmentation of Thio-Alkyne Cobaltcarbonyl Complex in Gas Phase as Alkyne Precursor. <i>Rapid Communication in Photoscience</i> , 2016 , 5, 16-17		
60	Aggregation-Induced Emission (AIE): A Versatile Tool for Chemo/Biosensing. 2019, 351-389		
59	Substituted Phthalocyanine-Based Nanostructured Materials for Room-Temperature Gas Sensing Applications. <i>Materials Horizons</i> , 2020 , 665-684	0.6	
58	Ultrafast photo-driven charge transfer exciton dynamics in mixed-stack pyrene-perylenediimide single co-crystals. <i>Journal of Materials Chemistry C</i> ,	7.1	1
57	Crystal Structure, Hirschfeld Surface Analysis, and Absorption Spectra of a New Polymorph of Highly Symmetric Tetraphenylporphyrinato Zn(II), ZnTPP. <i>Crystallography Reports</i> , 2020 , 65, 933-946	0.6	
56	Spontaneous formation of anisotropic microrods from paraffin wax in an aqueous environment. <i>Soft Matter</i> , 2021 ,	3.6	1
55	Combined nanoarchitectonics with self-assembly and electrosynthesis for flexible PTCDIs@PEDOT films with interpenetrating PN heterojunctions. <i>Materials Advances</i> ,	3.3	
54	Luminescence property switching in 1D supramolecular polymerization of organic donor donor chromophores. <i>Polymer Chemistry</i> ,	4.9	1

53	Modeling energy transfer and absorption spectra in layered metal-organic frameworks based on a Frenkel-Holstein Hamiltonian <i>Journal of Chemical Physics</i> , 2022 , 156, 044109	3.9	0
52	Quinacridone-based small molecule acceptor as a third component in ternary organic solar cells. <i>Chemical Engineering Journal</i> , 2022 , 432, 134405	14.7	Ο
51	Induced Birefringence by Drop Cast in EFBG Ammonia Sensors. <i>Photonics</i> , 2021 , 8, 346	2.2	
50	Comparing the microstructure and photovoltaic performance of 3 perylene imide acceptors with similar energy levels but different packing tendencies. <i>Journal of Materials Chemistry C</i> , 2022 , 10, 1698-	17710	1
49	Trioxazolo[2]metacyclophane: synthesis, structural analysis, and optical properties <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2022 , 78, 81-87	0.8	
48	Studies on Interactions in Liquid-phase Separations. <i>Chromatography</i> , 2022 , 43,	1.2	1
47	Self-Assembled Metal Nanoclusters: Driving Forces and Structural Correlation with Optical Properties <i>Nanomaterials</i> , 2022 , 12,	5.4	6
46	A Novel Ti3c2 Mxene/Pdi Supramolecules Composite with Enhanced Photocatalytic Activities for Degradation of Tetracycline Hydrochloride Under Visible-Light. <i>SSRN Electronic Journal</i> ,	1	
45	Supramolecular self-assembly mediated aggregation-induced emission of fluorene-derived cyanostilbenes: multifunctional probes for live cell-imaging <i>Journal of Materials Chemistry B</i> , 2022 , 10, 2238-2250	7.3	0
44	The development of a robust folded scaffold as a fluorescent material using butylidine-linked pyridazinone-based systems via aromatic that interactions. <i>New Journal of Chemistry</i> , 2022 , 46, 5830-5838	3.6	O
43	Photoinduced Symmetry Breaking-Charge Separation in the Aggregated State of Perylene Diimide: Effect of Hydrophobicity. <i>Journal of Physical Chemistry C</i> , 2022 , 126, 3872-3880	3.8	3
42	Thymine-Induced Dynamic Switching of Self-Assembled Nanofibers in Diaminotriazine-Functionalized Tetraphenylethylene Derivatives: Implications for One-Dimensional Molecular Devices. <i>ACS Applied Nano Materials</i> , 2022 , 5, 3018-3027	5.6	О
41	Electronic Coassembled Microflake Sensors with Fister Resonance Energy Transfer Enhanced Discrimination of Methanol and Ethanol ACS Applied Materials & Interfaces, 2022,	9.5	1
40	Development and Characterisation of Highly Conjugated Functionalised Ferrocenylene Macrocycles. <i>European Journal of Inorganic Chemistry</i> ,	2.3	O
39	Engineering solutions to breath tests based on an e-nose system for silicosis screening and early detection in miners <i>Journal of Breath Research</i> , 2022 ,	3.1	2
38	Driving forces and molecular interactions in the self-assembly of block copolymers to form fiber-like micelles. <i>Applied Physics Reviews</i> , 2022 , 9, 021301	17.3	O
37	Deep degradation of pollutants by perylene diimide supramolecular photocatalyst with unique Bi-planar Etonjugation. <i>Chemical Engineering Journal</i> , 2022 , 438, 135667	14.7	1
36	Photocatalytic performance of heterojunction S-Tyr-NDI-Tyr/TiO formed by self-assembled naphthalimide derivatives and titanium dioxide <i>Chemosphere</i> , 2022 , 134046	8.4	Ο

35	Strong Bathochromic Shift of Conjugated Polymer Nanowires Assembled with a Liquid Crystalline Alkyl Benzoic Acid via a Film Dispersion Process <i>ACS Omega</i> , 2021 , 6, 34876-34888	3.9	1
34	Self-assembly induced tunable multiple fluorescence output from a white light-emitting functionalized single Econjugated molecule and implication in VOCs sensing application. <i>Materials Chemistry Frontiers</i> ,	7.8	1
33	Instabilities as the Origin of Large-Area Self-Assembled and Aligned Organic Semiconductor Nanocrystals. <i>ACS Applied Electronic Materials</i> ,	4	
32	Immobilization of Trypsin from the Subphase to the Langmuir Monolayer of Fluorocarbon-Modified Single-Walled Carbon Nanotube and Its Activity Maintenance <i>Langmuir</i> , 2022 ,	4	Ο
31	Fluorescent Nanofibers Self-Assembled from a Diphenylanthracene Scissor-Shaped Dyad. <i>Chemistry Letters</i> ,	1.7	
30	Computational Modelling of Supramolecular Polymers. 2022 , 341-384		
29	Ultrafast Singlet Fission and Efficient Carrier Transport in a Lamellar Assembly of Bis[(trialkoxyphenyl)ethynyl]pentacene. <i>Journal of Physical Chemistry C</i> ,	3.8	1
28	A novel Ti3C2 MXene/PDI supramolecules composite with enhanced photocatalytic activities for degradation of tetracycline hydrochloride under visible-light. <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107978	6.8	
27	Fullerene C70/porphyrin hybrid nanoarchitectures: single-cocrystal nanoribbons with ambipolar charge transport properties. <i>RSC Advances</i> , 2022 , 12, 19548-19553	3.7	
26	Protonation induced self-complementarity of rod-like Cu(NTA)(bpeH) units and their layered supramolecular self-assembly entrapping heptamer like water clusters. <i>Results in Chemistry</i> , 2022 , 4, 100421	2.1	
25	Anisotropic Charge Transfer Mobility Properties of Systems with Large Conjugation Core and Peripheral Phenyl Rings. <i>Journal of Cluster Science</i> ,	3	
24	Synthesis of shape-persistent meta-arylene-butadiynylene macrocycles with a different ring size. <i>Synthesis</i> ,	2.9	
23	The synthesis and characterization of PTCDA-Co(II), and PTCDA-La(III) fluorescent MOFs. <i>Inorganica Chimica Acta</i> , 2022 , 542, 121102	2.7	
22	D-A type dicyanoethylenes modified by carbazole: Obvious aggregation-induced emission enhancement and high-contrast mechanofluorochromism. 2022 , 252, 119323		O
21	A cysteine-induced one-pot synthesis of Au nanoparticle chains with tuneable NIR absorption and application in photothermal-chemo cancer therapy. 2022 , 46, 16359-16369		О
20	Assembly of Sn(IV)-Porphyrin Cation Exhibiting Supramolecular Interactions of Anion Anion Anion Anion Anion IIIIS ystems. 2022 , 2022, M1454		O
19	Surface Doping Effect on the Optoelectronic Properties of Tetrachloro-Substituted Chiral Perylene Diimide Supramolecular Nanowires.		О
18	Low-Dimensional Organic Crystals: From Precise Synthesis to Advanced Applications. 2203961		1

17	Boosting Blue Emission of Organic Cations in a Sn(IV)-Based Perovskite by Constructing Intermolecular Interactions. 2022 , 13, 8717-8724	0
16	Photophysical characterization and the self-assembly properties of mono- and bis-pyrene derivatives for cell imaging applications.	O
15	Selective turn-on fluorescence detection of formaldehyde in the gas phase. 2023, 375, 132861	O
14	Design and development of Imidazo[4,5-f] [1,10] phenanthroline-Zn (II) based fluorescent probes for specific recognition of ATP with tunable optical responses and probing the enzymatic hydrolysis of ATP by alkaline phosphatase.	O
13	Joining two switches in one nano-object: Photoacidity and photoisomerization in electrostatic self-assembly.	O
12	Supramolecular nanoarchitectonics with TPPS porphyrin as a fluorescent probe for detection of aminoglycoside antibiotics and their photocatalytic applications for the degradation of rhodamine B dye. 2023 , 437, 114436	O
11	Energy Transfer in Aqueous Light Harvesting Antennae Based on Brush-like Inter-Conjugated Polyelectrolyte Complexes. 2022 , 55, 10302-10311	0
10	High photocatalytic hydrogen evolution via strong built-in electric field induced by high molecular dipoles of heteroatom-annulated perylene imide supramolecule. 2022 ,	O
9	Hydrophobic Silver-Based Coordination Polymer for the Artificial Photosynthesis of Hydrogen Peroxide in a Two-Phase System. 2023 , 62, 982-990	O
8	Fluorescent sensor based on solid-phase extraction with negligible depletion: A proof-of-concept study with amines as analytes. 2023 , 340828	O
7	Supramolecular Tuning of Exciton Transport in Pi-Peptide Assemblies. 2023, 127, 1310-1319	0
6	Oligoaniline-assisted self-assembly of polyaniline crystals.	O
5	Chiral and Morphological Anisotropy of Supramolecular Polymers Shaped by a Singularity in Solvent Composition. 2023 , 145, 2532-2543	0
4	Intermolecular arrangement facilitated broadband blue emission in group-12 metal (Zn, Cd) hybrid halides and their applications. 2023 , 30, 101502	O
3	Dilution Driven Self-assembly and Re-entrant Phase Transition in Molecular Hydrogels.	0
2	Recent advances in natural small molecules as drug delivery systems.	O
1	A silver-based coordination polymer with phenylacetylene ligands for efficient visible light photocatalysis.	0