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2286	Étude par luminescence des interactions dans les acides oligo et polyadényliques. 1969 , 182, 342-354		11
2285	Photochemistry of Aromatic Olefins. I. Photochemical cisTrans Isomerization of 1-Phenyl-2-butene. 1970 , 52, 3277-3282		6
2284	Dimerization of 9, 10-Diazaphenanthrene. 1971 , 54, 2722-2727		20
2283	Phosphorescence Enhancement in Phenyl-Substituted Methanes. 1971 , 55, 5464-5470		17
2282	Orientierte Adsorption von Erythrosin an (001)-Flächen von Anthraceneinkristallen. 1971 , 75, 795-800		5

2281	Conformational studies on peptides[] 1971 , 27, 5659-5671	8
2280	Specular reflection and absorption edges of xenon difluoride single crystals in the near ultraviolet. 1971 , 8, 300-302	6
2279	Triplet-Triplet Absorption in 4-N-Dimethylaminopyridine. 1972 , 57, 3019-3020	5
2278	Exciton splitting in the electronic spectra of triphenylmethane. 1972 , 16, 445-447	2
2277	Dimer spectra of rhodamine B. 1973 , 22, 37-40	41
2276	Spectroscopic Properties of Organic Azo Compounds. 1973 , 12, 224-235	257
2275	Induced optical activity in poly-L-lysine-methyl orange system. 1973 , 12, 2423-6	61
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2273	Electronic Spectroscopy of Highly-Polar Aromatics. VI. A Self-Complex of N,N-Dialkyl-p-Cyanoanilines. 1973 , 6, 147-165	22
2272	Electronic spectroscopy and source of spin-orbit coupling in phenyl sulfides. 1973 , 59, 4024-4028	8
2271	Photophysical processes in dimers of etioporphyrin and its metal complexes. 1974 , 20, 90-95	
2270	Aggregation of Chloro-Rare Earth Metal Phthalocyanines. 1975 , 48, 76-84	2
2269	Elektronenstruktur aromatischer Amine: Photoelektron-Spektren von 5,10-Dimethyl-5,10-dihydrophenazin, 5-Methyl-10-phenyl-5,10-dihydrophenazin, Phenoxazin und Phenothiazin. 1975 , 108, 1118-1124	17
2268	Chlorophyll arrangement in a bacteriochlorophyll protein from <i>Chlorobium limicola</i> . 1975 , 258, 573-577	473
2267	Orientation of chromophores in reaction centers of <i>Rhodospseudomonas sphaeroides</i> . Evidence for two absorption bands of the dimeric primary electron donor. 1976 , 449, 500-15	102
2266	Spectroscopic manifestation of the association of rhodamine 6G in alcoholic solutions at different temperatures. 1976 , 24, 698-702	
2265	SCF CI calculations and assignment of the S1 - π absorption spectra of 1,1'-binaphthyl in different molecular conformations. 1976 , 14, 165-176	34
2264	SCF CI calculations and the assignment of the absorption spectrum of the excimer of 1-methyl naphthalene; relation to 1,1'-binaphthyl. 1976 , 15, 445-456	7

2263	Polymorphism in Vanadyl Phthalocyanine. 1976 , 33, 149-170	93
2262	Molecular Excitons in Small Aggregates. 1976 , 337-363	97
2261	Dichroism of transient absorbance changes in the red spectral region using oriented chloroplasts. II. P-700 absorbance changes. 1977 , 459, 66-75	41
2260	Stacked double-macrocyclic ligands II. Synthesis of cofacial diporphyrins. 1977 , 14, 943-945	39
2259	Stacked double-macrocyclic ligands III. Spectral properties of cofacial diporphyrins as a function of the inter-chromophore separation. 1977 , 14, 1285-1288	78
2258	TRIARYLMETHANE DYE PHOTOCHROMISM: SPECTROSCOPY AND PHOTOCHEMISTRY OF BRILLIANT GREEN LEUCOCYANIDE. 1977 , 25, 15-20	14
2257	OSCILLATOR AND DIPOLE STRENGTHS FOR CHLOROPHYLL AND RELATED MOLECULES*. 1977 , 26, 287-292	42
2256	Excited state (excitation) interactions in polyene aggregates. Resonance Raman and absorption spectroscopic evidence. 1977 , 6, 282-288	71
2255	MO-LCAO-Calculations on polymethines. V. PPP-type calculations and configuration analyses of simple prototype dyes in terms of molecular subsystems. 1977 , 11, 259-269	18
2254	MO-LCAO-Berechnungen an Polymethinen. IX. Zur Farbigkeit gekoppelter Oxonol- und Cyaninfarbstoffe. 1978 , 320, 361-376	23
2253	The photo-electrochemistry of the Rhodamine B-hydroquinone system at optically transparent bubbling gas electrodes. 1978 , 23, 605-611	21
2252	Molecular topography of solar energy harvesting pigments in marine algae. 1978 , 3, 25-27	6
2251	Orientation of chromophores in reaction centers of Rhodopseudomonas sphaeroides: a photoselection study. 1978 , 501, 514-30	95
2250	Properties of reaction centers of Rhodopseudomonas sphaeroides in dried gelatin films. Linear dichroism and low temperature spectra. 1978 , 502, 51-60	35
2249	Absorption and Fluorescence Spectra of Anthracenecarboxylic Acids. I. 9-Anthroic Acid and Formation of Excimer. 1978 , 51, 2460-2466	19
2248	Hexahydrohexahelicene—a non-planar composite molecule with highly resolved electronic spectra in a frozen n-alkane matrix. 1979 , 64, 378-382	10
2247	MO-LCAO-Berechnungen an Polymethinen. XI Lokale spektrale Anregungen in polynuclearen Cyaninfarbstoffen. 1979 , 321, 449-465	9
2246	Lobster shell carotenoprotein organisation in situ studied by photoacoustic spectroscopy. 1979 , 278, 861-862	7

2245	Lobster shell carotenoprotein organisation in situ studied by photoacoustic spectroscopy. 1979 , 279, 265-266	36
2244	Polarization of the excimer-type transition in 9-anthroic acid. 1979 , 62, 287-290	5
2243	The orientations of reaction center transition moments in the chromatophore membrane of <i>Rhodopseudomonas sphaeroides</i> , bases on new linear dichroism and photoselection measurements. 1979 , 546, 189-206	36
2242	The orientations of transition moments in reaction centers of <i>Rhodopseudomonas sphaeroides</i> , computed from data of linear dichroism and photoselection measurements. 1979 , 545, 58-68	18
2241	Linear dichroism and the orientation of reaction centers of <i>Rhodopseudomonas sphaeroides</i> in dried gelatin films. 1979 , 545, 106-21	23
2240	Orientation of reaction center and antenna chromophores in the photosynthetic membrane of <i>Rhodopseudomonas viridis</i> . 1979 , 545, 249-64	72
2239	Arrangement and interaction of pigment molecules in reaction centers of <i>Rhodopseudomonas viridis</i> . Photodichroism and circular dichroism of reaction centers at 100 k. 1979 , 545, 296-308	82
2238	Zeaxanthin ([3R,3'R]-beta, beta-carotene-3-3'diol) as a resonance Raman and visible absorption probe of membrane structure. 1979 , 27, 221-35	38
2237	Self-association of unconjugated bilirubin-IX alpha in aqueous solution at pH 10.0 and physical-chemical interactions with bile salt monomers and micelles. 1979 , 179, 675-89	57
2236	Temperature dependence of radiationless processes. Dihydrophenazine derivatives in solution. 1980 , 46, 1-10	6
2235	Spectroscopic characterization of alpha-crustacyanin. 1980 , 88, 663-8	3
2234	Circular dichroism and polarized fluorescence characteristics of blue-green algal allophycocyanins. 1980 , 19, 2950-6	41
2233	Absorption and circular dichroism line shapes of a molecular dimer in the strong electronic coupling limit. 1981 , 75, 5630-5639	19
2232	The first step of aggregation of pic: the dimerization. 1981 , 83, 498-502	125
2231	Electrocatalysis of nitrous oxide reduction. 1981 , 124, 113-131	22
2230	Magnetophotoselection studies on <i>Rhodopseudomonas viridis</i> reaction centers. 1982 , 679, 44-50	13
2229	Structure of <i>Rhodopseudomonas viridis</i> reaction centers. Absorption and photoselection at low temperature. 1982 , 681, 32-40	82
2228	Chlorophyll Singlet Excitons. 1982 , 293-330	36

2227	Dimeric states of rhodamine B. 1982 , 87, 556-560	141
2226	Intramolecular excimer fluorescence of di(9-(10-phenyl)-anthryl methyl) ethers with various chain lengths. 1982 , 20, 341-354	18
2225	Spectroscopic investigations on the interaction of the anthracycline antibiotic violamycin BI with deoxyribonucleic acid. 1983 , 15, 663-73	6
2224	Resolution enhancement of the triplet-singlet absorbance-difference spectrum and the triplet-esr spectrum in zero field by the selection of sites. <i>An.</i> 1983 , 98, 255-262	34
2223	Aggregation of halofluorescein dyes. 1983 , 4, 213-220	16
2222	The canthaxanthin-lipovitellin of the brine shrimp, <i>Artemia</i> (Crustacea:Anostraca): A resonance Raman and circular dichroism study. 1983 , 74, 647-652	6
2221	High-resolution absorbance-difference spectra of the triplet state of the primary donor P-700 in Photosystem I subchloroplast particles measured with absorbance-detected magnetic resonance at 1.2 K. Evidence that P-700 is a dimeric chlorophyll complex. 1983 , 724, 52-61	54
2220	Optical properties of the photosynthetic reaction center of <i>Chloroflexus aurantiacus</i> at low temperature. 1983 , 724, 333-339	43
2219	The triplet state of the primary donor of the photosynthetic bacterium <i>Rhodospseudomonas viridis</i> . 1983 , 725, 472-482	36
2218	Evidence for exciton fusion as the origin of charge production in molecularly doped polymers. 1983 , 27, 7691-7702	9
2217	Systematic variation of metal-metal bond order in metalloporphyrin dimers. 1983 , 80, 7684-8	44
2216	Induced Circular Dichroism in the Complex of Poly(L-arginine) Hydrochloride with Azo Dyes. 1983 , 56, 2535-2536	11
2215	Spectrophotometric investigation on the aggregation in water of some benzothiazole cationic dyes. 1984 , 115, 363-366	9
2214	The vibrational structure of low-temperature absorption and fluorescence spectra of 1,2-dimethylnaphthalene in an n-hexane matrix. 1984 , 117, 33-43	0
2213	Kinetic and equilibrium studies of cyclomalto-octaose (cyclodextrin)-methyl orange inclusion complexes. 1984 , 127, 181-191	43
2212	Phosphorescence enhancement in diphenyl ether in rigid ethanol glass at 77 K. 1984 , 105, 355-358	12
2211	Induced optical activity in the complex of poly(L-arginine) with azo dyes. 1984 , 23, 1367-1377	16
2210	Photoselection studies of the P-800 band in the photoreaction center of <i>Rhodospirillum rubrum</i> . 1984 , 765, 125-132	7

2209	Some Factors Influencing the Magnitude of the Induced Circular Dichroism of Poly(L-lysine) Hydrobromide and Azo Dye Complexes. 1984 , 16, 791-793	10
2208	Crystallization of reaction center from Rhodopseudomonas sphaeroides: preliminary characterization. 1984 , 81, 4795-9	120
2207	Induced Circular Dichroism in the Complexes of Histidine Polypeptides with Methyl Orange. Effect of Distance between Histidine Residues. 1984 , 57, 1699-1700	3
2206	Irreversible Conformational Change of the Complex of Poly(L-lysine) with Methyl Orange upon Irradiation of Light. 1985 , 58, 2439-2440	5
2205	Optical activity of lactones and lactamsIV. 1985 , 41, 611-616	11
2204	Excitation energy transfer, trapping and annihilation in photosynthetic systems. 1985 , 811, 147-195	324
2203	THE EFFECTS OF AGGREGATION ON THE FLUORESCENCE and THE TRIPLET STATE YIELD OF HEMATOPORPHYRIN. 1985 , 41, 123-126	73
2202	Circular dichroism studies of complexes of sequential histidine polypeptides with methyl orange. 1985 , 7, 167-172	6
2201	Orientation of the chromophores in the reaction center of Rhodopseudomonas viridis. Comparison of low-temperature linear dichroism spectra with a model derived from X-ray crystallography. 1985 , 810, 235-245	126
2200	Analysis by exciton theory of the optical properties of the Chloroflexus aurantiacus reaction center. 1986 , 852, 159-168	43
2199	The structure of the flavomononucleotide dimer. 1986 , 881, 241-247	23
2198	Resonance Raman characterization of polyacetylenic pigments in the calcareous skeleton. 1986 , 84, 97-103	19
2197	Induced circular dichroism and structure of the complexes of poly(L-ornithine) and poly(L-β-diaminobutyric acid) with azo dyes. 1986 , 8, 130-136	7
2196	Spectroscopy of Ni(II) and Zn(II) tetra(p-vinylphenyl) porphyrin: Aggregation characteristics and luminescence properties. 1986 , 42, 1355-1360	6
2195	PICOSECOND LASER SPECTROSCOPY AND OPTICALLY DETECTED MAGNETIC RESONANCE ON A MODEL PHOTOSYNTHETIC SYSTEM. 1986 , 44, 527-534	11
2194	Chiral interaction of sequential lysine polypeptides with methyl orange. Effects of distance between lysine residues and hydrophobic side chains. 1986 , 264, 779-785	
2193	Chapter 13 Structure and exciton effects in photosynthesis. 1987 , 15, 299-317	14
2192	Circular dichroism of bilirubin-amine heteroassociation complexes. 1987 , 43, 4287-4296	20

2191	Photophysics on solid surfaces. Ground state configuration of dimeric pyrene in the adsorbed state on a silica gel surface and geometrical relaxation for excimer formation. 1987 , 137, 448-452	21
2190	Singlet spectra of chromophores in the reaction center of rhodospseudomonas viridis as calculated by the CNDO/S method. 1987 , 138, 76-82	20
2189	Photochemistry of 3,4,9,10-perylenetetracarboxylic dianhydride dyes: visible absorption and fluorescence of the di(glycyl)imide derivative monomer and dimer in basic aqueous solutions. 1987 , 37, 189-204	91
2188	On the aggregation of rhodamine B in ethanol. 1988 , 148, 253-258	59
2187	Observation of the H band in the crystal spectrum of 4-[4,4-bis[(trifluoromethyl)sulfonyl]-1,3-butadienyl]-N,N-dimethylbenzeneamine (FSMB). 1988 , 153, 223-226	4
2186	Study of exciton interaction and the nature of bonding in the aggregation of phenosafranine from concentration-dependent spectral changes. 1988 , 44, 423-428	6
2185	Intermolecular excimer formation of Nacetyl-2-pyrenylalanine ethyl ester. 1988 , 45, 295-312	4
2184	The ethidium bromide dimer. Absorption and fluorescence properties in aqueous solutions. 1988 , 44, 1359-1364	6
2183	Circular dichroism of bilirubin-amine association complexes: insights into bilirubin-albumin binding. 1988 , 262, 543-59	24
2182	A new technique for the determination of surface adsorbate geometries utilizing second harmonic generation and absorption band shifts. 1989 , 91, 2683-2688	25
2181	Singlet oxygen formation in monomeric and aggregated porphyrin c. 1989 , 3, 81-9	52
2180	Fluorescence of a merocyanine dye adsorbed on ZnO crystals. 1989 , 43, 9-24	5
2179	The 'Q-band' absorption spectra of hematoporphyrin monomer and aggregate in aqueous solution. 1989 , 49, 49-52	16
2178	Resonance Raman studies on tetrademethyl- β -carotene aggregates. 1989 , 20, 751-756	22
2177	Structural and photophysical properties of pure and mixed evaporated merocyanine layers. 1989 , 158, 453-462	8
2176	Coverage-dependent electronic absorption spectrum of pyrene on Al ₂ O ₃ (1120). 1989 , 159, 599-604	13
2175	Photophysical behavior of pure and mixed evaporated rhodamine B layers. 1989 , 160, 121-128	11
2174	Self-association of the molecular forms of Rhodamine 19. Solvent effect. 1989 , 45, 1201-1206	11

- 2173 Diastereoselective formation of chiral 2, 2'-spirobibenz[d]chromene derivatives. Evidence from circular dichroism and crystallographic data. **1989**, 45, 6875-6884 5
- 2172 The induced circular dichroism of bilirubin complexed with the alpha-helix form of poly(L-lysine). **1989**, 991, 303-9 9
- 2171 Surface nucleation in the crystallization kinetics of phenanthrene multilayers on Al₂O₃(γ). **1989**, 207, L961-L970 12
- 2170 Optical High Resolution Studies of Adsorbed and Matrixdoped Oxazine Dyes. **1989**, 93, 1055-1058 4
- 2169 Optical Properties of Tetrakis(p-n-decyloxyphenyl)porphyrin and the Corresponding Metal Complexes by Casting Method. **1990**, 19, 1355-1358 1
- 2168 The architecture of invertebrate carotenoproteins. **1990**, 97, 1-18 33
- 2167 Steady state and time resolved spectroscopic study of exciton splitting of the electronic state of 2,2-diphenylethylamine. **1990**, 46, 235-242 7
- 2166 Synthesis and transport properties of rigid poly(octasubstituted phthalocyaninatosiloxanes). **1990**, 109, 208-215 18
- 2165 Sulfoxides as chiral complexation agents. Conformational enantiomer resolution and induced circular dichroism of bilirubins. **1990**, 46, 8053-8066 32
- 2164 New trends in photobiology (invited review). Recent advances in bilirubin photophysics. **1990**, 7, 1-14 23
- 2163 Sub-macroscopic order collective vibrational-mode phase transition theory of molecular aggregation. **1990**, 143, 209-219 1
- 2162 Exciton splitting in the spectra of covalently linked porphyrins. **1990**, 146, 165-177 36
- 2161 Novel Phthalocyanine Polymers for Applications in Optical Devices. **1990**, 183, 387-402 8
- 2160 Induced circular dichroism of eosin-5-maleimide bound to band 3 of human erythrocytes. **1990**, 1025, 199-207 6
- 2159 Stark effect spectroscopy of bacteriochlorophyll in light-harvesting complexes from photosynthetic bacteria. **1991**, 1059, 63-75 50
- 2158 On the aggregative properties of rhodamine 6G in ethanolic solutions. **1991**, 47, 211-217 26
- 2157 Exciton splitting of fluorescein disodium in polyethylene glycol 600. **1991**, 59, 123-130 11
- 2156 Dimethylaminocyanobiphenyl (DMACB): A new optimized molecular crystal for quadratic nonlinear optics in the visible. **1991**, 150, 125-135 48

2155	Environmentally induced spectral shifts of oxidized lumiflavin: charge transfer and Electrochromic effects. 1991 , 226, 111-127	2
2154	Carboxylated zinc-phthalocyanines--II. Dimerization and singlet molecular oxygen sensitization in hexadecyltrimethylammonium bromide micelles. 1991 , 54, 367-73	60
2153	Exciton interactions in the spectrum of a dinaphthonorbornadiene. 1991 , 39, 345-352	5
2152	Structural characterization of the aggregated forms of violaxanthin. 1991 , 18, 99-109	51
2151	On the Conformation of Bilirubin Dimethyl Ester from Circular Dichroism Spectroscopy. 1991 , 24, 983-993	5
2150	Picosecond Photon Echo and Coherent Raman Measurements on Molecular Solids in a High Pressure Diamond Anvil Cell. 1992 , 211, 375-387	9
2149	Maxwell displacement-current generation due to trans-cis photoisomerization in monolayer Langmuir-Blodgett film. 1992 , 72, 1637-1641	12
2148	The structure of iron(III) tetra(4-N-methylpyridyl)porphyrin species bound to synthetic water-soluble anionic polymers and their reactions with tert-butyl hydroperoxide in aqueous solution. 1992 , 2187-2196	11
2147	On the rate of radiationless intermolecular energy transfer. 1992 , 97, 7405-7413	36
2146	Specific optical and electrical properties of Vacuum-Deposited Thin Films of Dyes. 1992 , 334, 14-24	23
2145	Chiral recognition by sulfoxides. Induced circular dichroism from symmetric mesobilirubin analogs. 1992 , 48, 8189-8198	18
2144	Direct and reverse energy transport in systems of monomers and imperfect traps: Monte Carlo simulations. 1992 , 2, 123-31	13
2143	Synthesis and conformation of a bilirubin analog with propionic acid side chains extended to undecanoic acid. 1992 , 48, 5969-5984	4
2142	Photoinduced charge transfer in rhodamine B/anthracene mixed Langmuir-Blodgett multilayers. 1992 , 214, 243-252	13
2141	Aggregation of triphenylmethane dyes in aqueous solution: Dimerization and trimerization of crystal violet and ethyl violet. 1992 , 48, 819-828	38
2140	Studies of crystalline aggregates of pheophorbide and bacteriopheophorbide by electro-absorption (Stark effect) spectroscopy and powder X-ray diffraction. 1992 , 51, 39-50	15
2139	Synthesis and reduction of 1,4-phenylene-bridged oligoporphyrins. 1992 , 4, 737-739	34
2138	Highly ordered films of neat calix[4]arenes for second order nonlinear optics. 1993 , 5, 925-930	34

2137	Spectroscopic characterization and Langmuir-Blodgett monolayers of N,N'-unsymmetrical dialkyl-3,4:9,10-perylenebis(dicarboximide)s. 1993 , 24, 227-232	8
2136	Spectroscopic characterization and Langmuir-Blodgett films of N,N'-symmetrical dialkyl-3,4:9,10-perylenebis(dicarboximide)s. 1993 , 24, 351-356	12
2135	Electronic excitations in organized molecular systems. A model for columnar aggregates of ionic compounds. 1993 , 177, 629-643	43
2134	Forward and reverse excitation energy transport and concentration depolarization in two-component systems. 1993 , 178, 113-131	11
2133	Intralayer and interlayer dimerization of rhodamine 6G in Langmuir-Blodgett films. 1993 , 226, 275-281	6
2132	The photophysics of haematoporphyrin dimers or aggregates in aqueous solution. 1993 , 19, 49-54	6
2131	Selective insertion of Ni(II) into the outer porphyrin subunits of a trimeric porphyrin array. 1993 , 34, 2287-2290	15
2130	Synthesis, intramolecular hydrogen bonding and conformation of optically active bilirubin amides. Analysis by circular dichroism and NMR. 1993 , 4, 491-510	13
2129	Optical and ESR studies on dimerization of metallotetra-crowned phthalocyanines. 1993 , 12, 627-633	11
2128	CHLOROPHYLL a AGGREGATES IN HYDROCARBON SOLUTION, A PICOSECOND SPECTROSCOPY AND MOLECULAR MODELING STUDY. 1993 , 58, 867-873	17
2127	Visible and near-IR spectroscopic and photochemical characterization of substituted metallophthalocyanines. 1993 , 72, 153-161	38
2126	Control of Molecular and Supramolecular Architecture of Polymers, polymersystems and Nanocomposites. 1993 , 235, 1-34	77
2125	Engineering new organic crystals for nonlinear optics: from molecules to oscillator. 1993 , 26, B198-B207	33
2124	Study of the Crystal Structure of Titanylphthalocyanine by Rietveld Analysis. II. 1993 , 32, 3556-3560	31
2123	Calix[4]arenes as molecules for second order nonlinear optics. 1993 , 2, 183-190	23
2122	[10] Optically detected magnetic resonance of triplet states in proteins. 1993 , 227, 290-330	3
2121	Spectroscopy and Electrochemistry of a Monomer and Sandwich Dimer of Lutetium Tetra-tert-Butylpyrazinoporphyrazine. 1993 , 22, 185-188	17
2120	Spectroscopic Study of the Adsorption of Rhodamine 6G on Laponite B for Low Loadings. 1994 , 29, 105-113	54

2119	Organic/Inorganic Molecular Beam Epitaxy (O/I-MBE): Formation and Characterization of Ordered Phthalocyanine Thin Films [Photoelectrochemical Processes. 1994 , 252, 67-77	8
2118	Langmuir-Blodgett Films of Amphiphilic Push-Pull Porphyrins. 1994 , 98, 383-385	99
2117	Rate expressions for excitation transfer I. Radiationless transition theory perspective. 1994 , 101, 1251-1261	62
2116	Chapter 5 Determination of absolute configuration by CD. Applications of the Octant Rule and the Exciton Chirality Rule. 1994 , 131-174	9
2115	Photophysics of rhodamine dimers in Langmuir-Blodgett films. 1994 , 188, 289-302	36
2114	Synthesis and unusual properties of expanded bilirubin analogs. 1994 , 50, 8579-8596	22
2113	Synthesis and photophysics of diaza-crown ether-based bisporphyrins. 1994 , 7, 534-544	14
2112	Femtosecond study of relaxation of hydrated chlorophyll a aggregate in hydrocarbon solution. 1994 , 226, 137-143	9
2111	Calculation of the Förster orientation factor for donor-acceptor systems with one chromophore of threefold or higher symmetry: zinc porphyrin. 1994 , 229, 449-456	38
2110	New spectroscopic evidence for molecular aggregates of rhodamine 6G in aqueous solution at high pressure. 1994 , 231, 561-568	48
2109	Supramolecular orientation of conjugated porphyrin oligomers in stretched polymers. 1994 , 6, 834-836	22
2108	A Spectroscopic characterization and Langmuir-Blodgett films of N,N'-dialkyl-3,4:9,10-perylenebis(dicarboximide). 1994 , 50, 1749-1757	3
2107	An investigation of the optical properties of tetraphenylporphyrin derivatives in Langmuir and Langmuir-Blodgett films. 1994 , 243, 581-586	24
2106	Columnar liquid crystals of triaryl pyrylium salts: experimental and theoretical study of photophysical properties. 1994 , 242, 83-87	13
2105	Synthesis, electrochemical and spectroelectrochemical studies of metal-free 2,9,16,23-tetraferrocenylphthalocyanine. 1994 , 468, 205-212	103
2104	Electron and singlet energy transfer in rigid supramolecular systems. 1994 , 80, 323-331	16
2103	Counter-ion effects in cationic dyes: photophysics and photochemistry of a macrocyclic dimer of dimethyldocarbocyanine. 1994 , 77, 237-242	12
2102	Quadratic electro-optic non-linearity of a conjugated porphyrin polymer measured in the Q-band one-photon resonance region. 1994 , 4, 277-283	16

2101	Unique molecular aggregation of novel naphthalocyanine (near IR absorbing dye). 1994 , 24, 323-339	8
2100	Synthesis and properties of bilirubin analogs with N,N-methylene bridges. 1994 , 50, 9919-9932	5
2099	Highly conjugated, acetylenyl bridged porphyrins: new models for light-harvesting antenna systems. 1994 , 264, 1105-11	601
2098	Aggregation in water solutions of tetrasodium diprotonated meso-tetrakis(4-sulfonatophenyl)porphyrin. 1994 , 681-682	213
2097	Structure and linear dichroism of Langmuir-Blodgett films of uracilic amphiphiles. 1994 , 90, 3129-3138	1
2096	Spectroscopy of Binuclear Dioxygen Complexes. 1994 , 94, 827-856	269
2095	Quadratic Electro-Optic Response of a Conjugated Porphyrin Polymer. 1994 , 256, 649-655	6
2094	Optical Characterization of Binuclear Phthalocyanines. 1995 , 413, 251	1
2093	CHLOROPHYLLS IN POLYMERS. II. PHEOPHYTIN a IN POLYMERS and THE INFLUENCE OF STRETCHING ON THE STATE OF CHLOROPHYLLS IN ANHYDROUS POLYMER FILMS. 1995 , 62, 290-298	12
2092	The Role of Porphyrin-to-Porphyrin Linkage Topology in the Extensive Modulation of the Absorptive and Emissive Properties of a Series of Ethynyl- and Butadiynyl-Bridged Bis- and Tris(porphinato)zinc Chromophores. 1995 , 1, 645-651	200
2091	Absorption spectra of rhodamine B dimers in dip-coated thin films prepared by the sol-gel method. 1995 , 233, 424-429	88
2090	Study of fluorinated sulfonyl stilbenes in Langmuir-Blodgett films for an efficient harmonic generation in the blue domain. 1995 , 242, 604-616	8
2089	Competition between charge transfer via superexchange and thermally activated energy transfer in porphyrin-heterodimer-quinone systems. 1995 , 245, 253-261	27
2088	Degradation of rhodamine 6G in the peroxyoxalate chemiluminescent reaction. 1995 , 85, 281-284	6
2087	Control of photophysical properties of wheel-and-axle-type phosphorus (V) porphyrin dimers by electronic symmetry breaking. 1995 , 92, 39-46	22
2086	Medium effects on the photophysical properties of porphyrazine-metal(II) complexes in micellar solutions. 1995 , 114, 549-555	5
2085	Forward and reverse electronic energy transport and trapping in solution. I. Theory. 1995 , 191, 43-66	26
2084	Forward and reverse electronic energy transport and trapping in solution. II. Numerical results and Monte Carlo simulations. 1995 , 191, 67-86	25

2083	H-aggregation and correlated absorption and emission of a merocyanine dye in solution, at the surface and in the solid state. A link between crystal structure and photophysical properties. 1995 , 193, 1-17	85
2082	Absorption and ADMR studies on bacterial photosynthetic reaction centres with modified pigments. 1995 , 1230, 97-113	40
2081	The dynamics of one-dimensional excitons in liquids. 1995 , 102, 20-33	199
2080	Thermotropic phase behaviour and aggregation properties of tetraphenylporphyrins carrying oligo(ethylene oxide) alkoxy units. 1995 , 5, 1309-1316	12
2079	nm-Semiconductor Particles and Molecular Aggregates as Redox Species. 1996 , 591-608	
2078	Preparation and Characterization of Nano-Sized Carotenoid Hydrosols. 1996 , 761-775	16
2077	Photophysical Characterization of Sulfonated Aluminum Phthalocyanines in a Cationic Reversed Micellar System. 1996 , 12, 293-300	42
2076	Novel Amphiphilic Phthalocyanines: Formation of LangmuirBlodgett and Cast Thin Films. 1996 , 12, 4784-4796	82
2075	Dye-Capped Semiconductor Nanoclusters. Excited State and Photosensitization Aspects of Rhodamine 6G H-Aggregates Bound to SiO ₂ and SnO ₂ Colloids. 1996 , 100, 11054-11061	126
2074	Picosecond dynamics of cresyl violet H-aggregates adsorbed on SiO ₂ and SnO ₂ nanocrystallites. 1996 , 105, 965-970	41
2073	Dithiacrown Ether Substituted Porphyrazines: Synthesis, Single-Crystal Structure, and Control of Aggregation in Solution by Complexation of Transition-Metal Ions. 1996 , 35, 959-969	50
2072	A Spectroscopic Study of Nonamphiphilic Pyrene Assembled in LangmuirBlodgett Films: Formation of Aggregates. 1996 , 12, 459-465	54
2071	Soluble Synthetic Multiporphyrin Arrays. 3. Static Spectroscopic and Electrochemical Probes of Electronic Communication. 1996 , 118, 11194-11207	169
2070	Layer-by-Layer Growth of Electrostatically Assembled Multilayer Porphyrin Films. 1996 , 12, 5393-5398	143
2069	Control of Aggregation and Tuning of the Location of Porphyrins in Synthetic Membranes as Mimics for Cytochrome P450. 1996 , 12, 1572-1577	41
2068	An Edge-Over-Edge Zn(II) Bacteriochlorin Dimer Having an Unshifted Qy Band. The Importance of EOverlap. 1996 , 118, 11676-11677	46
2067	Communication between Porphyrin Rings in the Butadiyne-Bridged Dimer Ni(OEP)(EC ₄)Ni(OEP): A Density Functional Study. 1996 , 35, 7791-7797	36
2066	Spectroscopic Study of Nonamphiphilic Carbazole Assembled in LangmuirBlodgett Films: Aggregation Induced Reabsorption Effects. 1996 , 12, 5909-5914	21

2065	Langmuir-Blodgett Films of Photochromic Polyglutamates. 9. Relation between Photochemical Modification and Thermotropic Properties. 1996 , 29, 2831-2842	78
2064	Effects of Polymerization on Chromophore Stacking in Bilayer Membranes. 1996 , 12, 3964-3968	12
2063	Examination of Fatty Acid Exchanged Layered Double Hydroxides as Supports for Photochemical Assemblies. 1996 , 12, 402-408	35
2062	Comparison between SiMe ₂ and CMe ₂ Spacers as Bridges for Photoinduced Charge Transfer. 1996 , 118, 8395-8407	78
2061	Langmuir-Blodgett Films of Nonamphiphilic N,N-Bis(2,5-di-tert-butylphenyl)-3,4,9,10-perylenedicarboximide: A Spectroscopic Study. 1996 , 12, 4158-4164	37
2060	Heme-Peptide Models for Hemoproteins. 2. N-Acetylmicroperoxidase-8: Study of the pi-pi Dimers Formed at High Ionic Strength Using a Modified Version of Molecular Exciton Theory. 1996 , 35, 3768-3779	31
2059	Aggregation of Surfactant Squaraine Dyes in Aqueous Solution and Microheterogeneous Media: Correlation of Aggregation Behavior with Molecular Structure. 1996 , 118, 2584-2594	140
2058	Femtosecond phase spectroscopy of multi-level systems: Phthalocyanines. 1996 , 63, 255-264	7
2057	Towards highly luminescent phenylene vinylene films. 1996 , 83, 231-237	133
2056	Aggregation of Tetraaryl-Substituted Porphyrins in Homogeneous Solution. 1996 , 100, 5420-5425	238
2055	Dye-Capped Semiconductor Nanoclusters. One-Electron Reduction and Oxidation of Thionine and Cresyl Violet H-Aggregates Electrostatically Bound to SnO ₂ Colloids. 1996 , 12, 2190-2195	23
2054	Merocyanine Aggregation in Mesoporous Networks. 1996 , 118, 5420-5431	122
2053	Biophysical Techniques in Photosynthesis. 1996 ,	16
2052	Linear and Circular Dichroism Spectroscopic Study of β -Dimethylmesobilirubin-XIII β Oriented in a Nematic Liquid Crystal. 1996 , 100, 11546-11558	15
2051	Supramolecular Stacks of Bis(imidazolyl)porphyrin through Metal Coordination. 1996 , 69, 3563-3569	68
2050	Anisotropic Structures in Aqueous Solutions of Aggregated Pseudoisocyanine Dyes. 1996 , 100, 9-14	24
2049	Photophysical and photochemical properties of porphyrin aggregates. 1996 , 100, 2070-2075	54
2048	Fluorescent dimers of rhodamine 6G in concentrated ethylene glycol solution. 1996 , 210, 485-499	72

2047	Synthesis and properties of a lipid bilirubin analog. 1996 , 52, 447-460	6
2046	Photophysics and intracellular distribution of a boronated porphyrin phototherapeutic agent. 1996 , 64, 975-83	31
2045	Aggregation of Chlorophyll a? in Aqueous Methanol. 1996 , 63, 639-648	19
2044	Photophysical and Aggregation Studies of t-Butyl-Substituted Zn Phthalocyanines. 1996 , 63, 784-792	101
2043	Organic molecular beam deposition of metallophthalocyanines for opto-electronics applications. 1996 , 8, 791-799	41
2042	Synthesis of novel porphyrin arrays directly-linked through the meso-carbons. 1996 , 37, 8399-8402	89
2041	Spectral properties of aza-15-crown-5 containing styryl dyes. 1996 , 30, 235-243	9
2040	Supramolecular assemblies of ethidium and acridinium ions at the interlayer regions of Zirconium phosphate. 1996 , 7, 161-171	7
2039	Dimerisation processes of triaryl pyrylium salts. 1996 , 202, 107-116	9
2038	Electronic states of multichromophoric phenylethynylbenzene derivatives: exciton theory and CS-INDO-CIPSI calculations. 1996 , 208, 351-373	11
2037	Visible and ¹³ C nuclear magnetic resonance spectra of azo dyes and their complexes with cyclomalto-oligosaccharides. 1996 , 288, 75-84	7
2036	The dissipation of excitation energy in methoxyflavones by internal conversion. 1996 , 99, 97-101	13
2035	Spectroscopic and morphological studies of 3-(2-benzothiazolyl)-7-hexadecyloxy coumarin assembled in Langmuir-Blodgett films. 1996 , 101, 233-239	2
2034	Structure-fluorescence properties of some naphthoylene-benzimidazole-based Langmuir-Blodgett films. 1996 , 287, 232-236	4
2033	Studies on the aggregation behaviour of a side-chain liquid crystalline polymer in Langmuir-Blodgett films. 1996 , 286, 232-236	6
2032	Energy Transfer and Spectroscopic Characterization of Multichromophoric Assemblies. 1996 , 100, 18731-18739	39
2031	Molecular Organization of Porphyrin-Metal Complexes. 1996 , 276, 283-290	2
2030	Aggregation Behavior of Water Soluble Bis(benzothiazolylidene)squaraine Derivatives in Aqueous Media 1996 , 100, 17310-17315	51

2029	Optical Properties of Triarylpyrylium Dimers. 1996 , 100, 10701-10706	14
2028	Evidence for Spiro-Conjugation in Perpendicularly-Linked Pentamethinestreptocyanine Dimers. 1997 , 70, 1109-1114	14
2027	Linear and Stack Oligostreptocyanines. Effects of Relative Orientation of Chromophores on Redox Potentials of Dye Aggregates. 1997 , 70, 2279-2286	16
2026	Biscyanines Linked by a 1,8-Naphthylene Skeleton: Models of Polymethine Dye Aggregates. 1997 , 70, 2287-2296	4
2025	Thermodynamic Study of the Effects of Monovalent Cations on Dimerization of a Dianionic Azo Dye, 2-[(2-Hydroxy-1-naphthyl)azo]-5-[(4-sulfonatophenyl)azo]benzenesulfonate, in Aqueous Salt Solution. 1997 , 70, 115-121	6
2024	Preparation and Some Properties of One Structural Isomer of Tetra-Substituted Phthalocyanine; 1,8,15,22-Tetrakis(pentan-3?-yloxy)phthalocyanine and Its Metal(II) Complexes. 1997 , 70, 1859-1865	30
2023	Design of profluorescent protease substrates guided by exciton theory. 1997 , 278, 15-23	31
2022	Molecular Interaction of Phthalocyanine Studied by Electroabsorption in Near IR. 1997 , 294, 153-156	3
2021	Energy Migration in Dye-Loaded Hexagonal Microporous Crystals. 1997 , 101, 1396-1408	58
2020	Spectroscopic Study of Nonamphiphilic 9-Phenylcarbazole Assembled in LangmuirBlodgett Films. 1997 , 13, 6731-6736	7
2019	Surface Pressure Dependent Fluorescence Resonance Energy Transfer in Mixed Monolayers of Amphiphilic Coumarin and Texas Red at the AirWater Interface. 1997 , 13, 801-807	11
2018	Aggregation of Stilbene Derivatized Fatty Acids and Phospholipids in Monolayers and Vesicles1. 1997 , 119, 12481-12491	37
2017	Stilbazolium based zwitterionic chromophores for electro-optic polymers. 1997 , 202, 299-306	6
2016	Photophysical Properties of Discotic Dibenzoypyrenes. 1997 , 293, 123-133	16
2015	Aggregation-Enhanced Raman Scattering of a Cyanine Dye in Homogeneous Solution. 1997 , 101, 3251-3259	34
2014	Dimers of Triarylpyrylium Salts: Geometry and Electronic Transitions. 1997 , 101, 90-97	9
2013	A Spectroscopic and Epifluorescence Microscopic Study of (Hexadecanoylamino)fluorescein Aggregates at the AirWater Interface and in LangmuirBlodgett Films. 1997 , 13, 5401-5408	42
2012	Perpendicularly Arranged Ruthenium Porphyrin Dimers and Trimers. 1997 , 36, 1625-1635	68

2011	Arrangement of a Hydrophobically Shielded Porphyrin, 5,10,15,20-Tetrakis(3,5-di-tert-butylphenyl)porphyrin, in Octadecylamine Langmuir-Blodgett Multilayers. 1997 , 13, 3002-3008	35
2010	Molecular Forms of Rhodamine B in Dip-Coated Thin Films. 1997 , 101, 3680-3687	65
2009	Dyeing KDP. 1997 , 191, 293-300	36
2008	Dimers and Model Monomers of Nickel(II) Octaethylporphyrin Substituted by Conjugated Groups Comprising Combinations of Triple Bonds with Double Bonds and Arenes. 1. Synthesis and Electronic Spectra. 1997 , 62, 3460-3469	79
2007	Characterization of Aggregates of Nonamphiphilic Anthracene Assembled in Ultrathin Supramolecular Langmuir-Blodgett Films. 1997 , 13, 5678-5684	21
2006	Spectroscopic Study of Nonamphiphilic 2,2'-(p-Phenylenebis(5-phenyloxazol)) (POPOP) Assembled in Supramolecular Langmuir-Blodgett Films. 1997 , 101, 569-575	23
2005	Spectroscopic and Electrochemical Characterization of Langmuir-Blodgett Films of (2,3,9,10,16,17,23,24-Octakis((2-benzyloxy)ethoxy)phthalocyaninato)copper and Its Metal-free Analogue. 1997 , 13, 6568-6576	55
2004	Dye Capped Semiconductor Nanoclusters. Role of Back Electron Transfer in the Photosensitization of SnO ₂ Nanocrystallites with Cresyl Violet Aggregates. 1997 , 101, 2583-2590	178
2003	Porphyrazine Binaries: Synthesis, Characterization, and Spectroscopy of a Metal-Linked Trinuclear Porphyrazine Dimer. 1997 , 36, 5661-5665	64
2002	Investigation of the linear and nonlinear optical response of edge-linked conjugated zinc porphyrin oligomers by optical spectroscopy and configuration interaction techniques. 1997 , 106, 9439-9460	86
2001	Apoprotein structure in the LH2 complex from Rhodospirillum rubrum strain 10050: modular assembly and protein pigment interactions. 1997 , 268, 412-23	169
2000	Investigations of Chl a aggregates cross-linked by dioxane in 3-methylpentane. 1997 , 1321, 165-178	13
1999	Supramolecular Aggregates of Azobenzene Phospholipids and Related Compounds in Bilayer Assemblies and Other Microheterogeneous Media: Structure, Properties, and Photoreactivity1. 1997 , 119, 9144-9159	167
1998	Fluorinated/Hydrogenated Mixed Vesicles as Carrier of Model Biomolecules: A Spectroscopic Study. 1997 , 101, 8507-8512	11
1997	Binding of monomeric and oligomeric porphyrins to human glioblastoma (U-87MG) cells and their photosensitivity. 1997 , 120, 45-51	5
1996	Spectroscopic study of the adsorption of rhodamine 6G on clay minerals in aqueous suspensions. 1997 , 32, 97-106	41
1995	Vacuum-deposited films of liquid crystal molecule of 4-dodecyloxy-4'-cyanobiphenyl: Their electronic spectra and molecular aggregate structures. 1997 , 311, 277-285	11
1994	Photophysics of photosynthesis. Structure and spectroscopy of reaction centers of purple bacteria. 1997 , 287, 1-247	314

1993	Time-Resolved Fluorescence and Transient Spectroscopy in Determining Photochemical and Photophysical Channels in Reacting Systems in Solutions and Microheterogeneous Media. 1997 , 65, 23-32	11
1992	Multivariate analysis of the association of bromocresol purple anion with bovine serum albumin. 1997 , 1341, 207-16	5
1991	Side chain liquid crystalline polymers at interfaces. 1997 , 22, 1089-1132	33
1990	Solvent, Temperature, and Excitonic Effects in the Optical Spectra of Pseudoisocyanine Monomer and J-Aggregates. 1997 , 101, 7977-7988	71
1989	Analysis of the conformation composition of ethane-bisporphyrin solutions from absorption spectra in the region of the soret band. 1997 , 64, 726-733	3
1988	Premicellar aggregates of Rose Bengal with cationic and zwitterionic surfactants. 1997 , 110, 67-74	49
1987	Surface-enhanced fluorescence and SERRS spectra of N-octadecyl-3,4:9,10-perylenetetracarboxylic monoanhydride on silver island films. 1997 , 53, 173-181	7
1986	Effect of matrix compound on the dimerization of sulphorhodamine B in Langmuir-Blodgett films. 1997 , 71, 57-63	10
1985	Dual phosphorescence from 2,3-naphtho-17-crown-5 ether in ethanol glass at 77 K. 1997 , 269, 314-320	10
1984	Concentration quenching and depolarization of rhodamine 6G in the presence of fluorescent dimers in polyvinyl alcohol films. 1997 , 278, 225-232	47
1983	Irregular behavior of 5,10,15,20-tetrakis(pentafluorophenyl)porphyrin in Langmuir-Blodgett films. 1998 , 289, 572-578	12
1982	Fluorescence and Time-Resolved Delayed Luminescence of Porphyrins in Organic Solvents and Polymer Matrices. 1998 , 8, 191-198	29
1981	Formation of Fluorescent Rhodamine B J-Dimers in Solid Gel Glasses Induced by the Adsorption Geometry on the Silica Surface. 1998 , 102, 8036-8041	112
1980	Photoinduced Electron Transfer in Dry Gelatin Containing Bound Methylene Blue. 1998 , 67, 101-105	4
1979	Molecular Requirement of Chlorosomal Chlorophylls. Self-Organization of a Chlorophyll Derivative Possessing a Hydroxyl Group at Ring II. 1998 , 67, 295-303	12
1978	Glycosylated Porphyrins: Characterization of Association in Aqueous Solutions by Absorption and Fluorescence Spectroscopies and Determination of Singlet Oxygen Yield in Organic Media. 1998 , 67, 511-518	17
1977	The synthesis and spectroscopic characterization of a chiral zinc(II) porphyrin dimer containing an amino acid bridge: model complexes for the induced circular dichroism of porphyrin protein supramolecules. 1998 , 272, 295-299	13
1976	Spectroscopic manifestations of flavomononucleotide dimers in polyvinyl alcohol films. 1998 , 1384, 253-67	20

1975	Spectral Characteristics and Photosensitization Effect on TiO ₂ of Fluorescein in AOT Reversed Micelles. 1998 , 197, 126-32	28
1974	Lateral, Chiral Tin(IV) Porphyrin Assemblies. 1998 , 02, 273-284	12
1973	Ein Wechselwirkung zwischen zwei Pyrrolringen: ein neuartiges Porphyrindimer. 1998 , 110, 2537-2540	8
1972	Influence of the interaction of chromophores of bis-cyanine dyes on the photogeneration of charge carriers in poly-N-epoxypropylcarbazole films. 1998 , 34, 343-347	2
1971	Aggregation and tautomeric properties of CI Acid red 138. 1998 , 37, 81-92	13
1970	Synthesis and properties of bilirubin analogs with conformation-perturbing C(10) tert-butyl and adamantyl groups. 1998 , 54, 12671-12690	14
1969	Multiple fluorescence emission from hexyl p-N,N-dihexylaminobenzoate aggregates in water/dioxane binary mixtures: tuning of excited-state photophysics in self-assembly. 1998 , 54, 1927-1933	2
1968	Dye-polymer interactions controlling the kinetics of fluorescein photobleaching reactions in poly(vinyl alcohol). 1998 , 114, 65-73	30
1967	Magneto-optical studies of perylene tetracarboxylic acid diimide thin films. 1998 , 9, 295-298	7
1966	A spectroscopic study of non-amphiphilic 7-methylbenzo[a]pyrene assembled in Langmuir-Blodgett film mixed with stearic acid. 1998 , 11, 9-15	6
1965	Interaction of amphotericin B with polymeric colloids: A spectroscopic study. 1998 , 11, 141-151	21
1964	Optical properties of single crystals and vacuum-deposited thin films of a substituted oligo(p-phenylene vinylene). 1998 , 227, 65-74	26
1963	Metalloporphyrin polymers bridged with conjugated cyano-substituted stilbene units. 1998 , 94, 205-210	23
1962	Excited State Localization or Delocalization in C ₃ -symmetric Amino-substituted Triphenylbenzene Derivatives. 1998 , 120, 1319-1324	63
1961	Fluorescence interference noise in a two-site system: Excitation transfer dynamics from intensity fluctuations. 1998 , 109, 7431-7442	7
1960	Non Linear Optics in Zirconium Phosphate Layered Phases. 1998 , 311, 275-280	6
1959	The Hydrophobic Effect on the Adsorption of Rhodamines in Aqueous Suspensions of Smectites. The Rhodamine 3B/Laponite B System. 1998 , 14, 4566-4573	53
1958	Synthesis and Properties of Bimerocyanines Linked by a 1,8-Naphthylene Skeleton. Novel Solvatochromism Based on Change of Intramolecular Excitonic Coupling Mode. 1998 , 120, 3623-3628	40

1957	Novel Cofacial Ruthenium(II) Porphyrin Dimers and Tetramers. 1998 , 37, 4986-4995	55
1956	Excited States of the Phthalimide Chromophore and Their Exciton Couplings: A Tool for Stereochemical Assignments. 1998 , 120, 12083-12091	53
1955	Optical and Magneto-optical Measurements of N,N-Dimethylperylene-3,4,9,10-tetracarboxylic Acid Diimide Thin Films. 1998 , 102, 967-973	27
1954	Bidimensional Distribution of a Cyanine Dye in Langmuir-Blodgett (LB) Monolayers Studied by Time-Resolved and Spatially Resolved Fluorescence. 1998 , 14, 5172-5183	17
1953	Exciton Interactions and Femtosecond Relaxation in Chlorophyll a/Water and Chlorophyll a/Dioxane Aggregates. 1998 , 102, 4337-4349	17
1952	Characterization and Structure of Side-On Azo Copolymers in Langmuir-Blodgett Films. 1998 , 14, 5231-5236	16
1951	Syntheses and nonlinear optical properties of nonaggregated metallophthalocyanines. 1998 , 15, 846	33
1950	Formation and Third-Order Nonlinear Optical Properties of Triclinic Metallophthalocyanine Films. 1998 , 102, 5165-5167	25
1949	Spectroscopic and biochemical characterisation of self-aggregates formed by antitumor drugs of the camptothecin family: their possible role in the unique mode of drug action. 1998 , 55, 1163-74	54
1948	Static and Dynamic Fluorescence from π -Di(1-pyrenyl)alkanes in Polyethylene Films. Control of Probe Conformations and Information about Microstructure of the Media. 1998 , 102, 5364-5374	44
1947	pH Modulation of Porphyrins Self-Assembly onto Polylysine. 1998 , 102, 8852-8857	84
1946	Photochromism of Spirooxazines in Homogeneous Solution and Phospholipid Liposomes. 1998 , 120, 12707-12713	94
1945	An interpretation of the structure of Langmuir-Blodgett films of octa-substituted metal-free phthalocyanine molecules from optical spectra. 1998 , 78, 53-64	14
1944	New Organic Gelators Bearing a Porphyrin Group: A New Strategy to Create Ordered Porphyrin Assemblies. 1998 , 27, 871-872	24
1943	Growth by Molecular Beam Epitaxy of Vanadyl Phthalocyanine on Alkali-Substituted Alkali-Halide Mixed Crystal Substrates. 1999 , 38, 6517-6520	2
1942	Exciton Coupling. 1999 , 470-488	4
1941	Excitonic couplings and electronic coherence in bridged naphthalene dimers. 1999 , 96, 13003-8	89
1940	Resolution of concerted versus sequential mechanisms in photo-induced double-proton transfer reaction in 7-azaindole H-bonded dimer. 1999 , 96, 8338-43	107

1939	Spectroscopic study of non-amphiphilic 9-phenylanthracene assembled in Langmuir-Blodgett films mixed with stearic acid. 1999 , 60, 111-118	4
1938	Temperature controlled syn-anti conformational switching in zinc containing porphyrin dimers via ligand assistance. 1999 , 40, 5051-5054	20
1937	Vacuum-deposited films of liquid crystal molecules of 4-n-alkoxy-4'-cyanobiphenyls: Their electronic spectra and molecular aggregate structures. 1999 , 338, 243-251	5
1936	Central metal effect on the organization of porphyrin LB films. 1999 , 340, 265-270	22
1935	Optical activity and stereochemistry of linear oligopyrroles and bile pigments. 1999 , 10, 607-655	47
1934	Solid state dye lasers based on 2-hydroxyethyl methacrylate and methyl methacrylate co-polymers. 1999 , 161, 163-170	39
1933	Effects of surfactants on the aggregation behaviour of thiocarbocyanine dyes. 1999 , 250, 47-60	51
1932	Fluorescent Dimers of Merocyanine 540 (MC540) in the Gel Phase of Phosphatidylcholine Liposomes. 1999 , 70, 40-48	16
1931	Effect of Self-association and Protein Binding on the Photochemical Reactivity of Triarylmethanes. Implications of Noncovalent Interactions on the Competition between Photosensitization Mechanisms Type I and Type II. 1999 , 70, 490-498	34
1930	Porphyrin assemblies as chemical sensors. 1999 , 190-192, 683-706	124
1929	Optically detected magnetic resonance as a tool to study the morphology of perylene-derivative thin film. 1999 , 300, 626-632	15
1928	Exciton Coupling*. 1999 , 542-558	1
1927	Photophysical and photochemical properties of the water-soluble porphyrin complexes of metals of the platinum group. 1999 , 66, 583-587	9
1926	Study of the Zn-porphyrin structure by fluorescence spectroscopy methods. 1999 , 66, 613-616	18
1925	Interactions between Chromophore-Labelled Ammonium Surfactants and Hydrophobically Modified Polyelectrolytes. 1999 , 1999, 305-312	6
1924	Influence of Transition-Metal Ions on the Aggregation Behavior of a Single-Chained Ammonium Amphiphile Carrying an o-Hydroxyazobenzene Unit. 1999 , 1999, 627-630	2
1923	Dimer formation of a stilbenesulphonic acid salt in aqueous solution. 1999 , 12, 171-175	14
1922	Excited State Dynamics of Novel Diporphyrins with Dissimilar Cores. 1999 , 03, 70-77	8

1921	Further Studies on the Oxidation State of Iron in μ -Oxo Dimeric Phthalocyanine Complexes. 1999 , 03, 87-98	37
1920	Excitonic Interactions in Covalently Linked Porphyrin Dimers with Rotational Freedom. 1999 , 03, 346-354	11
1919	A One-pot, One-step, High-yield Reaction Leading to Metal-Metal Dimacrocycles: the Phthalocyanine Dimer with a Direct Si-Bi Linkage. 1999 , 03, 433-438	14
1918	Synthesis, Optical Properties, Structures and Molecular Orbital Calculations of Subazaporphyrins, Subphthalocyanines, Subnaphthalocyanines and Related Compounds. 1999 , 03, 453-467	54
1917	Steamrollers, Sports Cars and Security: Phthalocyanine Progress Through the Ages. 1999 , 03, 468-476	35
1916	Effizienter intermolekularer Ladungstransport in selbstorganisierten Fasern aus Mono- und Bithiophenen mit zwei Harnstoffeinheiten. 1999 , 111, 1486-1490	64
1915	Die supramolekulare Struktur ausgefällter, nanometergroßer β -Carotinpartikel. 1999 , 111, 2325-2328	19
1914	Photochemie von Methan auf Pd/Al ₂ O ₃ -Modellkatalysatoren: Kontrolle der Photochemie auf Bergangsmetalloberflächen. 1999 , 111, 2328-2331	4
1913	Supramolecular Structure of Precipitated Nanosize beta-Carotene Particles. 1999 , 38, 2188-2191	189
1912	Mechanism of Charge Transport in Anisotropic Layers of a Phthalocyanine Polymer. 1999 , 103, 3179-3186	24
1911	Fluorometric Studies of the Polyelectrolyte Shell of Block Copolymer Micelles in Aqueous Media. 1999 , 15, 8800-8806	26
1910	Study on 2-D Phase Transitions of Chiral Liquid Crystals at the Air/Water Interface. 1999 , 15, 5164-5172	2
1909	New Assignment of the Electronically Excited States of Anthracene-9,10-endoperoxide and Its Derivatives: A Critical Experimental and Theoretical Study. 1999 , 103, 3843-3853	20
1908	Highly polar molecular crystals for electro-optic applications. 1999 , 223, 345-355	1
1907	Photoregulated Potassium Ion Permeation through Dihexadecyl Phosphate Bilayers Containing Azobenzene and Stilbene Surfactants. 1999 , 15, 3424-3429	50
1906	Can H-Aggregates Serve as Light-Harvesting Antennae? Triplet-Triplet Energy Transfer between Excited Aggregates and Monomer Thionine in Aerosol-OT Solutions. 1999 , 103, 209-215	91
1905	Pyrene Photochemistry in Solid n-Alkane Matrices: Comparisons with Liquid-Phase Reactions. 1999 , 103, 9794-9804	15
1904	Influence of the Molecular Structure on the Lateral Distribution of Xanthene Dyes in Langmuir-Blodgett Films. 1999 , 15, 8465-8473	22

1903	Fluorometric and Ultraviolet-Visible Absorption Study of Poly(methacrylic acid) Shells of High-Molar-Mass Block Copolymer Micelles. 1999 , 15, 4185-4193	27
1902	XPS Study of Stilbazolium Chromophores and Their Intercalation Compounds in the MnPS ₃ Layered Phase. 1999 , 103, 3545-3551	11
1901	Molecular Interactions in Thin Films of Hexadecafluorophthalocyaninatozinc (F16PcZn) as Compared to Islands of N,N-Dimethylperylene-3,4,9,10-biscarboximide (MePTCDI). 1999 , 103, 3078-3086	57
1900	Electrical and Photoinduced Degradation of Polyfluorene Based Films and Light-Emitting Devices. 1999 , 32, 361-369	416
1899	Photoinduced Charge Transfer along a meso,meso-Linked Porphyrin Array. 1999 , 103, 11242-11245	30
1898	An Electrosynthetic Path toward Pentaporphyrins. 1999 , 64, 1352-1355	40
1897	Identification of Oblique and Coplanar Inclined Fluorescent J-Dimers in Rhodamine 110 Doped Sol-Gel-Glasses. 1999 , 103, 8080-8086	47
1896	Orientation and Aggregation Behavior of Rhodamine Dye in Insoluble Film at the Air/Water Interface under Compression. Second Harmonic Generation and Spectroscopic Studies. 1999 , 15, 8651-8658	23
1895	Molecular Orientation, Aggregation, and Order in Rhodamine Films at the Fused Silica/Air Interface. 1999 , 103, 1124-1133	73
1894	Syn-Anti Conformational Changes in Zinc Porphyrin Dimers Induced by Temperature-Controlled Alcohol Ligation. 1999 , 103, 5151-5156	44
1893	Acid-Base and Monomer-Dimer Equilibria of Methylene Blue in Dip-Coated Thin Films. 1999 , 72, 915-921	31
1892	Photo-induced Orientational Change in Langmuir-Blodgett Films of Azobenzene Complexed with Polyviologen. 2000 , 29, 240-241	8
1891	Precise Synthesis and Properties of Poly(isocyanide)s Bearing Porphyrins as a Pendant Group. 2000 , 29, 914-915	17
1890	Effect of molecular structure on the performance of triarylmethane dyes as therapeutic agents for photochemical purging of autologous bone marrow grafts from residual tumor cells. 2000 , 89, 88-99	63
1889	Extrem lange, diskrete Ketten aus meso-meso-verknüpften Porphyrinen. 2000 , 112, 1517-1521	81
1888	Zinc porphyrin tweezer in host-guest complexation: determination of absolute configurations of primary monoamines by circular dichroism. 2000 , 6, 216-24	67
1887	Theoretical interpretation of spectroscopic data. 2000 , 04, 377-379	12
1886	Dipolar Dye Aggregates: A Problem for Nonlinear Optics, but a Chance for Supramolecular Chemistry. 2000 , 112, 2054-2057	40

1885	Dipolar Dye Aggregates: A Problem for Nonlinear Optics, but a Chance for Supramolecular Chemistry. 2000 , 39, 1978-1981	109
1884	Radiative relaxation in oligosilane aggregates. 2000 , 87-89, 727-729	4
1883	Aggregation of bis(2,4,6-trihydroxyphenyl) squaraine in different solutions. 2000 , 45, 209-217	13
1882	Induced circular dichroism of merocyanine dye in the self-assembled polymeric nanoparticles. 2000 , 41, 6415-6419	6
1881	Highly extended styrylstyrylcalix[4]arene assemblies: synthesis and optical properties. 2000 , 41, 5719-5723	10
1880	The effect of annealing on the photoluminescence of epitaxial DMe-PTCDI multilayers on Ag(110). 2000 , 379, 176-182	10
1879	Fractal aggregation of dyes such as porphyrins and related compounds under stacking. 2000 , 5, 49-55	23
1878	The photostabilities of naturally occurring 5-hydroxyflavones, flavonols, their glycosides and their aluminium complexes. 2000 , 136, 87-91	78
1877	Long-range assemblies on poly(dG-dC)2 and poly(dA-dT)2: phosphonium cationic porphyrins and the importance of the charge. 2000 , 57, 51-9	33
1876	Influence of water on molecular forms of rhodamine B in dip-coated thin films. 2000 , 26, 469-482	11
1875	Association of mono- and dimethyl ethers of chlorine 6 in ethanol-water solutions. 2000 , 67, 597-604	1
1874	Optical Studies of the Monolayer Films of Diazole-Containing Porphyrins at the Air-Water Interface. 2000 , 342, 81-86	3
1873	Structural Studies of Vacuum-Deposited Thin Film of Permethyloligosilanes with Phenyl End Groups. 2000 , 39, L1002-L1005	3
1872	J-Type Aggregates of the Anionic Meso-Tetrakis(4-Sulfonatophenyl)Porphine Induced by Hindered Cationic Porphyrins. 2000 , 12, 193-202	38
1871	Synthesis and Chemical Properties of π -Conjugated Zinc Porphyrin Polymers with Arylene and Aryleneethynylene Groups between Zinc Porphyrin Units. 2000 , 33, 5988-5994	47
1870	Suppression of chromophore coupling in thin films by chemical substitution of a perylene tetracarboxylic acid diimide. 2000 , 109, 151-155	17
1869	Conjugated reactive mesogens. 2000 , 111-112, 413-415	10
1868	Organisation of xanthophyll pigments lutein and zeaxanthin in lipid membranes formed with dipalmitoylphosphatidylcholine. 2000 , 1509, 255-63	63

1867	The Dynamics of Electronic Energy Transfer in Novel Multiporphyrin Functionalized Dendrimers: A Time-Resolved Fluorescence Anisotropy Study. 2000 , 104, 2596-2606	187
1866	Excited-State Behavior of Nile Blue H-Aggregates Bound to SiO ₂ and SnO ₂ Colloids. 2000 , 12, 1529-1535	26
1865	Circular Dichroism and Conformational Analysis of Diastereomeric Bicamphors. 2000 , 65, 477-489	3
1864	Excitonic Interactions in the Singlet and Triplet Excited States of Covalently Linked Zinc Porphyrin Dimers. 2000 , 122, 1749-1757	90
1863	Temperature Effect on Supramolecular Chirality Induction in Bis(zinc porphyrin). 2000 , 122, 4403-4407	88
1862	Exciton Hamiltonian for the Bacteriochlorophyll System in the LH2 Antenna Complex of Purple Bacteria. 2000 , 104, 4519-4528	102
1861	Observation of Molecular Association at Liquid/Liquid and Solid/Liquid Interfaces by Second Harmonic Generation Spectroscopy. 2000 , 104, 12091-12094	50
1860	Photosensitization Aspects of Pinacyanol H-Aggregates. Charge Injection from Singlet and Triplet Excited States into SnO ₂ Nanocrystallites. 2000 , 104, 3616-3623	54
1859	3-Cyclobutenyl-1,2-dione-substituted porphyrins. 2. A simple and general entry to quinone-porphyrin-porphyrin-quinone tetrads and related molecules. 2000 , 65, 1665-71	52
1858	Piezochromic Effect and Orientational Order in Monolayers and LB Multilayers of Poly(p-phenylenesulfonate)Dioctadecyldimethylammonium Bromide Complexes. 2000 , 33, 9026-9033	17
1857	Elucidation of the Mechanism of Supramolecular Chirality Inversion in Bis(zinc porphyrin) by Dynamic Approach Using CD and ¹ H NMR Spectroscopy. 2000 , 104, 9213-9219	28
1856	Resonance Raman Characterization of Excitonically Coupled meso,meso-Linked Porphyrin Arrays□ 2000 , 104, 10757-10764	17
1855	Substrate-Induced Order and Multilayer Epitaxial Growth of Substituted Phthalocyanine Thin Films. 2000 , 16, 2872-2881	44
1854	Thermal Characteristics of the LangmuirBlodgett Film Fabricated with Bipyridinium Bis-(Tetracyanoquinodimethane Anion Radical) Salts. 2000 , 16, 2766-2769	1
1853	Induced Circular Dichroism of Disperse Red Dye in the Self-Assembled Nanoparticles Composed of Poly(β-benzyl-L-glutamate) and Poly(N-isopropylacrylamide) and Its Phase Transition by Temperature. 2000 , 33, 8921-8923	10
1852	UV/Vis Spectroscopic Monitoring of Polyelectrolyte Adsorption onto Monolayers of Azobenzene Amphiphiles. 2000 , 16, 3407-3413	29
1851	Spectroscopic Characterization of the Bonding, Orientation, and Coverage of Copper Tetraazaphthalocyanine Monolayer Films on SiO ₂ Surfaces. 2000 , 104, 10627-10634	8
1850	Interchain Electronic Excitations in Poly(phenylenevinylene) (PPV) Aggregates. 2000 , 104, 7029-7037	83

1849	Oligophenylenevinylene Phane Dimers: Probing the Effect of Contact Site on the Optical Properties of Bichromophoric Pairs. 2000 , 122, 1289-1297	105
1848	Rhodamine Fluorescent Dimers Adsorbed on the Porous Surface of Silica Gels. 2000 , 16, 7377-7382	123
1847	Exciton Coupling and Dipolar Correlations in a Columnar Liquid Crystal: Photophysics of a Bent-Rod Hexacatenar Mesogen. 2000 , 122, 2474-2479	94
1846	The Influence of Dipolar Interactions between Mesogenic Units on the Aggregation Behavior of a Series of Isomeric Double-Chained Ammonium Amphotropes. 2000 , 16, 817-823	2
1845	Optical Second Harmonic Generation Study of Malachite Green Orientation and Order at the Fused-Silica/Air Interface. 2000 , 104, 2860-2867	33
1844	Neocuproine-extended porphyrin coordination complexes. 2. Spectroscopic properties of the metalloporphyrin derivatives and investigations into the HOMO ordering. 2000 , 39, 340-7	21
1843	Ternary Porphyrin Aggregates and Their Chiral Memory□ 2000 , 104, 10900-10908	79
1842	Spectroscopic Characterization of the Adsorption of Rhodamine 3B in Hectorite. 2000 , 16, 1285-1291	49
1841	Multiporphyrin Array from Interfacial Metal-Mediated Assembly and Its LangmuirBlodgett Films. 2000 , 16, 9615-9619	81
1840	Monolayer Studies on an Acetic Acid Substituted Porphyrin and Its Complexes with Aliphatic Amines or Quaternary Ammonium Salts at the Air□liquid Interface. 2000 , 16, 5079-5085	28
1839	Supramolecular chirogenesis in bis(zinc porphyrin): An absolute configuration probe highly sensitive to guest structure. 2000 , 2, 1565-8	49
1838	Medium-Controlled Aggregation of trans-Stilbene. 2000 , 122, 2377-2378	39
1837	Liquid Crystalline Perylene Diimides: Architecture and Charge Carrier Mobilities. 2000 , 122, 11057-11066	465
1836	Self-Assembly of Tetraphenylporphyrin Monolayers on Gold Substrates. 2000 , 16, 5644-5653	66
1835	Interactions of Water-Insoluble Tetraphenylporphyrins with Micelles Probed by UV□Visible and NMR Spectroscopy□□ 2000 , 16, 210-221	62
1834	Cyanines during the 1990s: A Review. 2000 , 100, 1973-2012	1194
1833	Bacteriochlorophyll and Carotenoid Excitonic Couplings in the LH2 System of Purple Bacteria. 2000 , 104, 9540-9553	115
1832	Resonance Raman Spectra and Excited-State Structure of Aggregated Tetrakis(4-sulfonatophenyl)porphyrin Diacid. 2001 , 105, 3981-3988	64

1831	[60]Fullerene Can Reinforce the Organogel Structure of Porphyrin-Appended Cholesterol Derivatives: Novel OddEven Effect of the (CH ₂) _n Spacer on the Organogel Stability. 2001 , 17, 5825-5833	128
1830	Electronic Properties of Molecular Organic Semiconductor Thin Films. 2001 , 211-338	5
1829	The crystallographic structure of the B800-820 LH3 light-harvesting complex from the purple bacteria Rhodospseudomonas acidophila strain 7050. 2001 , 40, 8783-9	219
1828	Fabrication of Various Ordered Films of Oxotitanium(IV) Phthalocyanine by Vacuum Deposition and Their Spectroscopic Behavior. 2001 , 13, 1015-1022	47
1827	Protonation of tetrasulfonated zinc phthalocyanine in aqueous acetonitrile solution. 2001 , 74, 566-9	29
1826	Covalent Anchoring of Phthalocyanines on Silicon Dioxide Surfaces: Building up Mono- and Multilayers. 2001 , 17, 1928-1935	21
1825	Excited-State Energy Transfer Processes in Phenylene- and Biphenylene-Linked and Directly-Linked Zinc(II) and Free-Base Hybrid Diporphyrins. 2001 , 105, 4200-4210	80
1824	On the Aggregation Behavior of Pseudoisocyanine Chloride in Aqueous Solution as Probed by UV/vis Spectroscopy and Static Light Scattering. 2001 , 105, 8268-8274	27
1823	Photophysical properties of laser dyes. 2001 , 209-245	13
1822	Ship-in-a-Bottle Synthesis of Copper Phthalocyanine Molecules within Mesoporous Channels of MCM-41 by a Chemical Vapor Deposition Method. 2001 , 1, 387-390	34
1821	Photoexcitations of Covalently Bridged Zinc Porphyrin Oligomers: Frenkel versus WannierMott Type Excitons. 2001 , 105, 97-104	60
1820	Photophysical properties of long rodlike meso-meso-linked zinc(II) porphyrins investigated by time-resolved laser spectroscopic methods. 2001 , 123, 76-86	208
1819	Hierarchical self-assembly of chiral complementary hydrogen-bond networks in water: reconstitution of supramolecular membranes. 2001 , 123, 6792-800	159
1818	Energy transfers in weakly interacting oligothiophenes. 2001 , 116, 175-179	12
1817	Photophysical properties of meso, meso-linked porphyrin arrays: steady-state and time-resolved fluorescence polarization. 2001 , 117, 183-187	19
1816	Preferred Formation of Coplanar Inclined Fluorescent J-Dimers in Rhodamine 101 Doped Silica Gels. 2001 , 17, 4812-4817	37
1815	Self-assembly of a porphyrin array via the molecular recognition approach: synthesis and properties of a cyclic zinc(II) porphyrin trimer based on coordination and hydrogen bonding. 2001 , 40, 3395-405	43
1814	Thermotropic Polymethacrylate Bearing Sulfonylbenzoxazole-Based Multifunctional Photoactive Mesogen. 2001 , 34, 3947-3953	6

1813	Combined Study of UV/Visible Spectroscopy and Static Light Scattering on the Aggregation Behavior of Acid Red 266 in Aqueous Solution. 2001 , 17, 2675-2682	15
1812	Exciton-Like and Charge-Transfer States in Cyanine-Dioxol Ion Pairs. An Experimental and Theoretical Study. 2001 , 105, 4600-4610	13
1811	The Effect of Monomer Aggregation in the Photopolymerization of Styrenesulfonate. 2001 , 105, 2939-2944	7
1810	Synthesis of meso-meso linked hybrid porphyrin arrays by Pd-catalyzed cross-coupling reaction. 2001 , 3, 4213-6	92
1809	Spectroscopic Properties of a Self-Assembled Zinc Porphyrin Tetramer I. Steady State Optical Spectroscopy. 2001 , 105, 11425-11431	24
1808	Molecular Orientation in Vacuum-Deposited Peralkyloligosilane Thin Films. 2001 , 105, 4111-4117	9
1807	Supramolecular chirogenesis in zinc porphyrins: mechanism, role of guest structure, and application for the absolute configuration determination. 2001 , 123, 2979-89	153
1806	Annealing-Induced Molecular Reorientation in Oligosilane Thin Films. 2001 , 105, 4118-4121	3
1805	Intramolecular Energy Transfer in S1- and S2-States of Porphyrin Trimers. 2001 , 105, 4822-4833	38
1804	Hybrid Polymeric Micelles with Hydrophobic Cores and Mixed Polyelectrolyte/Nonelectrolyte Shells in Aqueous Media. 2. Studies of the Shell Behavior. 2001 , 17, 4245-4250	39
1803	Spectrothermodynamic relationship of cationic vs anionic species derived from protonation vs deprotonation of pyrrolo-aza-aromatic bases in homologous series. 2001 , 123, 11940-4	32
1802	Investigation of the Self-Organization of Lutein and Lutein Diacetate by Electronic Absorption, Circular Dichroism Spectroscopy, and Atomic Force Microscopy. 2001 , 105, 9413-9421	68
1801	Spectroscopic Study of Erythrosin B in PVA Films. 2001 , 105, 4235-4240	20
1800	Second Harmonic Generation from Mixed Films of Rhodamine Dye and Arachidic Acid at the Air/Water Interface: Correlation with Spectroscopic Properties. 2001 , 17, 5329-5336	5
1799	A New Strategy for Construction of Covalently Linked Giant Porphyrin Arrays with One, Two, and Three Dimensionally Arranged Architectures. 2001 , 74, 1361-1379	59
1798	Ordered supramolecular assembly of bis[3,4,1 2,13,21,22,30, 31-octa(dodecylthio)-2,3-naphthalocyaninato] erbium at the air/water interface. 2001 , 44, 650-656	4
1797	Synthesis and guest-host interaction of liquid crystal like materials. 2001 , 94, 249-259	7
1796	Raman polarization study of the film orientation of liquid crystalline NiPc. 2001 , 385, 246-251	39

1795	Configuration of a single centre determines chirality of supramolecular carotenoid self-assembly. 2001 , 42, 2561-2563	11
1794	Aggregate formation of Rhodamine 6G in anisotropic solvents. 2001 , 57, 155-61	14
1793	Self-association of rhodamine dyes in different host materials. 2001 , 57, 1865-71	40
1792	Layer-by-layer self-assembled multilayer film of cationic oligo-(phenylene vinylene) and polyelectrolytes based on electrostatic interaction. 2001 , 141, 179-182	11
1791	Photophysical properties of 2,5-diphenyl-thiazolo[5,4- d]thiazole. 2001 , 143, 119-127	23
1790	Optical characterization of IR-active composite glasses. 2001 , 18, 285-293	10
1789	Monolayers of novel amphiphile with schiff base moiety as headgroup and its complex of copper(II). 2001 , 178, 143-149	5
1788	Synthesis of multi-porphyrin arrays and study of their self-assembly behaviour at the air/water interface. 2001 , 14, 501-512	10
1787	Chiral detection of carotenoid assemblies. 2001 , 13, 446-53	26
1786	Organische Nanopartikel in wässriger Phase Theorie, Experiment und Anwendung. 2001 , 113, 4460-4492	77
1785	Stirring effects on the spontaneous formation of chirality in the homoassociation of diprotonated meso-tetraphenylsulfonato porphyrins. 2001 , 7, 436-46	125
1784	Fluorescent J-type aggregates and thermotropic columnar mesophases of perylene bisimide dyes. 2001 , 7, 2245-53	551
1783	Point-dipole approximation of the exciton coupling model versus type of bonding and of excitons in porphyrin supramolecular structures. 2001 , 7, 2733-7	72
1782	Modified windmill porphyrin arrays: coupled light-harvesting and charge separation, conformational relaxation in the S1 state, and S2-S2 energy transfer. 2001 , 7, 3134-51	81
1781	A hyperpolar, multichromophoric cyclodextrin derivative: synthesis, and linear and nonlinear optical properties. 2001 , 7, 4395-402	32
1780	Chemistry of porphyrin-appended cellulose strands with a helical structure: spectroscopy, electrochemistry, and in situ circular dichroism spectroelectrochemistry. 2001 , 7, 5350-8	68
1779	Organic Nanoparticles in the Aqueous Phase-Theory, Experiment, and Use. 2001 , 40, 4330-4361	810
1778	Time-resolved fluorescence study of isolated and aggregated permethyldecasilanes. 2001 , 343, 520-526	4

1777	Second Harmonic Generation from Oxazine Dyes at the Air/Water Interface. 2001 , 105, 3062-3072	40
1776	Formation of Metallophthalocyanine Trimers in Liquid Solutions. 2001 , 68, 727-735	2
1775	Mixtures of synthetic organic dyes in a photoelectrochemical cell. 2001 , 138, 7-22	90
1774	Supramolecular self-assembly and opto-electronic properties of semiconducting block copolymers. 2001 , 42, 9097-9109	230
1773	Structural and Optical Properties of Conjugated Molecules in Perhydrotriphenylene (PHTP) and in Other Channel-Forming Inclusion Compounds. 2001 , 439-524	0
1772	Spectroscopic and Structural Studies of Cyanine Dyes in Functionalized Langmuir-Blodgett Films: Electron and Energy Transfer Processes. 2001 , 40, 5095-5104	8
1771	Transient absorption anisotropy study of ultrafast energy transfer in porphyrin monomer, its direct meso-meso coupled dimer and trimer. 2001 , 114, 6750-6758	49
1770	Organic-inorganic nanocomposite array for spectrum and yield enhancement.	
1769	Aggregation of meso-tetrakis(4-sulfonatophenyl)porphyrin on polyethyleneimine in aqueous solutions and on a glass surface. 2002 , 06, 431-438	26
1768	Highly ordered arrays of organic-inorganic nanophotonic composites. 2002 , 81, 1696-1698	20
1767	Synthesis and optical properties of novel covalent and non-covalent porphyrin dimers. 2002 , 06, 382-388	3
1766	Self-association of disulfonated deuteroporphyrin and its esters in aqueous solution and photosensitized production of singlet oxygen by the dimers. 2002 , 75, 229-36	16
1765	Photoisomerization in Langmuir-Blodgett-Kuhn Structures. 2002 , 179-218	2
1764	Design, Synthesis, Structure, and Spectroscopic and Electrochemical Properties of Phthalocyanines. 2002 , 75, 1-19	64
1763	Spectroscopic and Structural Studies on Adsorption of Azo Dye in Cationic Langmuir-Blodgett Films. 2002 , 75, 1493-1501	6
1762	A Novel Phthalocyanine-based Dimer Linked by a Silver Ion: Structural Control of Self-assembled Dimers. 2002 , 31, 450-451	12
1761	Synthesis and Properties of [2.2]Paracyclo- and [2.2](1,4)Naphthaleno-(3,6)carbazolophanes. 2002 , 31, 934-935	6
1760	Direct Observation of Alkali Metal Ion Recognition Processes at the Heptane/Water Interface by Second Harmonic Generation Spectroscopy. 2002 , 106, 9906-9911	28

1759	Transient Second Harmonic Generation from Oxazine Dyes at the Air/Water Interface. 2002 , 106, 3160-3165	22
1758	Structural and biochemical characterization of a fluorogenic rhodamine-labeled malarial protease substrate. 2002 , 41, 12244-52	64
1757	Excited-State Dynamics of Cofacial Pacman Porphyrins. 2002 , 106, 11700-11708	58
1756	Stoichiometry-controlled supramolecular chirality induction and inversion in bisporphyrin systems. 2002 , 4, 169-71	45
1755	Topochemical Polymerization of Naphthalenediimide-Substituted Diacetylene Suspensions. 2002 , 35, 4226-4228	19
1754	Intramolecular Excimer Emissions of syn- and anti-[3.3](3,9)Carbazolophanes in Solutions 2002 , 106, 2140-2145	56
1753	Adsorption of Rhodamine 3B Dye on Saponite Colloidal Particles in Aqueous Suspensions. 2002 , 18, 2658-2664	47
1752	Self-Assembled Fibrillar Networks through Highly Oriented Aggregates of Porphyrin and Pyrene Substituted by Dialkyl L-Glutamine in Organic Media 2002 , 18, 7223-7228	101
1751	Supramolecular chirogenesis in zinc porphyrins: equilibria, binding properties, and thermodynamics. 2002 , 124, 2993-3006	67
1750	Charge transport in photofunctional nanoparticles self-assembled from zinc 5,10,15,20-tetrakis(perylenediimide)porphyrin building blocks. 2002 , 124, 9582-90	355
1749	Remarkable stability and enhanced optical activity of a chiral supramolecular bis-porphyrin tweezer in both solution and solid state. 2002 , 124, 11282-3	48
1748	Microscopic Organization of Long-Chain Rhodamine Molecules in Monolayers at the Air/Water Interface. 2002 , 106, 4203-4213	20
1747	Preprogramming of Porphyrin Nucleic Acid Assemblies via Variation of the Alkyl/Aryl Substituents of Phosphonium Tetratolylporphyrins. 2002 , 106, 6784-6792	43
1746	The relationship between ligand aggregation and G-quadruplex DNA selectivity in a series of 3,4,9,10-perylenetetracarboxylic acid diimides. 2002 , 41, 11379-89	79
1745	Enhanced emission and its switching in fluorescent organic nanoparticles. 2002 , 124, 14410-5	1656
1744	Optical and Photophysical Studies on Porphyrin Doped TiO ₂ Matrixes. 2002 , 106, 1853-1861	38
1743	Dimerization of merocyanine dyes. Structural and energetic characterization of dipolar dye aggregates and implications for nonlinear optical materials. 2002 , 124, 9431-47	276
1742	Characterization of Bodipy Dimers Formed in a Molecularly Confined Environment. 2002 , 106, 13133-13138	66

1741	Syntheses and optical and electrochemical properties of porphyrin dimers linked by metal ions. 2002 , 124, 6168-79	116
1740	Resonance Raman Spectroscopic Investigation of Directly Linked Zinc(II) Porphyrin Linear Arrays 2002 , 106, 2359-2368	22
1739	Extreme electronic modulation of the cofacial porphyrin structural motif. 2002 , 124, 4298-311	64
1738	Coherent effects in energy transport in model dendritic structures investigated by ultrafast fluorescence anisotropy spectroscopy. 2002 , 124, 1736-43	165
1737	Fluorescent phthalocyanine dimers--a steady state and flash photolysis study. 2002 , 1, 581-7	44
1736	Vapor Deposition of Oxotitanium(IV) Phthalocyanine on Surface-Modified Substrates: Effects of Organic Surfaces on Molecular Alignment 2002 , 18, 7557-7563	23
1735	Aggregation of Copper(II) Tetrasulfonated Phthalocyanine in Aqueous Salt Solutions. 2002 , 106, 10725-10732	67
1734	Anion-controlled assembly of porphyrin-bicyclic guanidine conjugates. 2002 , 4, 51-4	45
1733	Density matrix analysis and simulation of electronic excitations in conjugated and aggregated molecules. 2002 , 102, 3171-212	464
1732	Medium effects on the photophysical properties of terbium(III) complexes with pyridine-2,6-dicarboxylate. 2002 , 1, 925-33	46
1731	Spin alignment of orthogonal pi-radicals of directly meso-linked porphyrin arrays. 2002 , 3032-3	21
1730	Photophysical properties of porphyrin tapes. 2002 , 124, 14642-54	192
1729	Excited-state symmetry breaking in cofacial and linear dimers of a green perylenediimide chlorophyll analogue leading to ultrafast charge separation. 2002 , 124, 8530-1	216
1728	Spectroscopic Properties of Langmuir-Blodgett Films of Lanthanide Bis(phthalocyanine)s Exposed to Volatile Organic Compounds. Sensing Applications. 2002 , 18, 9560-9565	48
1727	Remarkable Polymorphism in Gels of New Azobenzene Bis-urea Gelators 2002 , 18, 7136-7140	110
1726	A Highly Specific Ca ²⁺ -Ion Sensor: Signaling by Exciton Interaction in a Rigid-Flexible Rigid Bichromophoric π -Foldamer. 2002 , 114, 1844-1847	19
1725	Unidirectional Photoinduced Shuttling in a Rotaxane with a Symmetric Stilbene Dumbbell. 2002 , 114, 1847-1850	49
1724	Abfangen und Einspeisen von Energie in Farbstoff-Zeolith-Nanoantennen. 2002 , 114, 2389-2392	32

1723	Synthesis and characterization of phthalocyanines with direct Si-Si linkages. 2002 , 8, 1474-84	38
1722	A highly specific Ca ²⁺ -ion sensor: signaling by exciton interaction in a rigid-flexible-rigid bichromophoric "H" foldamer. 2002 , 41, 1766-9	107
1721	Unidirectional photoinduced shuttling in a rotaxane with a symmetric stilbene dumbbell. 2002 , 41, 1769-72	183
1720	Trapping energy from and injecting energy into dye-zeolite nanoantennae. 2002 , 41, 2284-8	86
1719	Synthesis of novel flavonoid derivatives as potential HIV- Integrase inhibitors. 2002 , 39, 1251-1258	30
1718	Circular dichroism study of interactions of Fungizone or AmBisome forms of amphotericin B with human low density lipoproteins. 2002 , 67, 49-55	11
1717	Aggregation of rhodamine 3B adsorbed in Wyoming Montmorillonite aqueous suspensions. 2002 , 246, 281-7	32
1716	Perylene diimide G-quadruplex DNA binding selectivity is mediated by ligand aggregation. 2002 , 12, 447-50	78
1715	Investigation of liquid-crystalline behavior of nickel octakisalkylthiophthalocyanines and orientation of their films. 2002 , 22, 99-104	37
1714	Solvent and concentration effects on the visible spectra of tri-para-dialkylamino-substituted triarylmethane dyes in liquid solutions. 2002 , 58, 2971-82	60
1713	Photochemistry of covalently-linked multi-porphyrinic systems. 2002 , 3, 25-52	126
1712	Effect of dye aggregation on triarylmethane-mediated photoinduced damage of hexokinase and DNA. 2002 , 67, 139-48	22
1711	Dimerization of green sensitizing cyanines in solution. A spectroscopic and theoretical study of the bonding nature. 2002 , 275, 149-165	29
1710	Designing light-harvesting antenna systems based on superradiant molecular aggregates. 2002 , 275, 373-386	58
1709	Two-photon states in squaraine monomers and oligomers. 2002 , 279, 179-207	81
1708	Synthesis and spectroscopic properties of porphyrin-(thia)calix[4]arene conjugates. 2002 , 58, 5475-5482	33
1707	Photophysical properties of hexamethoxytriphenylene mixed with stearic acid assembled in Langmuir-Blodgett films. 2002 , 96, 177-184	3
1706	The role of host environment on the aggregative properties of some ionic dye materials. 2002 , 616, 167-174	48

1705	Scanning force microscopy investigations of (semi)conductive surfaces coated with LangmuirBlodgett dye layers. 2002 , 513, 295-307	13
1704	Dimers, trimers and oligomers of phthalocyanines and related compounds. 2002 , 227, 129-152	197
1703	Investigation of molecular dimers by ensemble and single molecule spectroscopy. 2002 , 98, 23-33	34
1702	Lipophilic derivative of rhodamine 19: characterization and spectroscopic properties. 2002 , 468, 13-25	27
1701	Spectroscopic characteristics of 9-cyanoanthracene mixed with polymethyl methacrylate and stearic acid in LangmuirBlodgett films. 2002 , 352, 429-434	15
1700	Adsorption of Sulforhodamine Dyes in Cationic LangmuirBlodgett Films: Spectroscopic and Structural Studies. 2002 , 106, 92-100	51
1699	Absorption Spectra of Pentamers of Tetrapyrrole Compounds in Aqueous Solutions. 2002 , 69, 337-343	
1698	The Impact of the Phenyl Spacer on the Electronic Structure and Spectra of Porphyrin Dimers. 2003 , 70, 257-264	0
1697	Study on Fluorescence Characteristic of Quercetin Nanoporous Anodic Aluminum Oxide Composites. 2003 , 13, 421-425	6
1696	PorphyrinDendrimer Assemblies Studied by Electronic Absorption Spectra and Time-Resolved Fluorescence. 2003 , 36, 9135-9144	57
1695	Study of the Adsorption Process of Sulforhodamine B on the Internal Surface of Porous SolGel Silica Glasses through Fluorescence Means. 2003 , 19, 650-653	16
1694	Solid-State Supramolecular Chirogenesis: High Optical Activity and Gradual Development of Zinc Octaethylporphyrin Aggregates. 2003 , 115, 1788-1791	10
1693	The Origin of Solvent-Controlled Supramolecular Chirality Switching in a Bis(Zinc Porphyrin) System. 2003 , 115, 5468-5472	21
1692	Supramolecular exciton chirality of carotenoid aggregates. 2003 , 15, 680-98	93
1691	Solid-state supramolecular chirogenesis: high optical activity and gradual development of zinc octaethylporphyrin aggregates. 2003 , 42, 1746-9	61
1690	The origin of solvent-controlled supramolecular chirality switching in a bis(zinc porphyrin) system. 2003 , 42, 5310-4	80
1689	Electron-vibrational relaxation of photoexcited polyfluorenes in the presence of chemical defects: A theoretical study. 2003 , 372, 403-408	35
1688	Molecular excitons in poly(p-phenylene-vinylene): a comparative study of PPV and an acetoxy substituted copolymer derivative. 2003 , 376, 411-417	2

1687	Second harmonic generation from insoluble films of a rhodamine dye at the air-water interface: effect of sodium dodecylsulfate. 2003 , 260, 142-8	6
1686	Phenoxazine dyes in zeolite L, synthesis and properties. 2003 , 65, 233-242	60
1685	Monolayer characteristics and spectroscopic study of benz(b)fluoranthene assembled in Langmuir Blodgett films mixed with stearic acid. 2003 , 64, 651-657	4
1684	An octupolar near-IR dye with triphenylamine donors: preparation and absorption properties. 2003 , 44, 307-310	14
1683	Calixarene-based metalloporphyrins: molecular tweezers for complexation of DABCO. 2003 , 59, 2409-2415	43
1682	Comparison of the chelating power of hydroxyflavones. 2003 , 651-653, 381-387	61
1681	Synthesis and physicochemical properties of some 5,15-diarylporphyrin derivatives. 2003 , 22, 2281-2285	7
1680	Ultrathin micropatterned porphyrin films assembled via zirconium phosphonate chemistry. 2003 , 22, 3065-3072	32
1679	Effects of thermal processing on trans/cis-isomerization of β -carotene in carrot juices and carotene-containing preparations. 2003 , 83, 609-617	155
1678	The triplet excited state changes of amphiphilic porphyrins with different side-chain length in AOT reverse micelles. 2003 , 156, 139-144	12
1677	Dimers of polyene antibiotic amphotericin B detected by means of fluorescence spectroscopy: molecular organization in solution and in lipid membranes. 2003 , 69, 49-57	55
1676	Raman and infrared spectral study of meso-sulfonatophenyl substituted porphyrins (TPPSn, n = 1, 2A, 2O, 3, 4). 2003 , 59, 87-101	56
1675	Unusual emissions from low-concentrated porphyrin solutions. 2003 , 59, 463-70	2
1674	Organic photovoltaic solar cells: spectroscopic and photoelectric properties of photoactive dyes. 2003 , 6, 417-429	29
1673	Influence of molecular structures of europium bisphthalocyanines on organization of supramolecular assemblies formed at the air/water interface. 2003 , 23, 501-507	11
1672	Influences of hydrophilic and hydrophobic substituents on the organization of supramolecular assemblies of porphyrin derivatives formed at the air/water interface. 2003 , 23, 585-592	25
1671	Directly linked porphyrin arrays. 2003 , 3, 225-34	40
1670	Oxidative direct coupling of metalloporphyrins. 2003 , 07, 264-269	18

1669	Spectral properties of cationic water-soluble metallo-porphyrins immobilized in a perfluorosulfonated ion-exchange membrane. 2003 , 07, 780-786	10
1668	Meta-conjugation and excited-state coupling in phenylacetylene dendrimers. 2003 , 125, 9288-9	90
1667	Dye-Host Interactions for Local Effects Recognition in Homogeneous and Nanostructured Media. 2003 , 107, 13300-13312	25
1666	Octadecylrhodamine B as a Specific Micelle-Binding Fluorescent Tag for Fluorescence Correlation Spectroscopy Studies of Amphiphilic Water-Soluble Block Copolymer Micelles. Spectroscopic Behavior in Aqueous Media. 2003 , 68, 2105-2119	4
1665	Supramolecular Chirogenesis in Zinc Porphyrins: Investigation of Zinc-Freebase Bis-Porphyrin, New Mechanistic Insights, Extension of Sensing Abilities, and Solvent Effect. 2003 , 107, 8677-8686	35
1664	UV-Assisted Formation of Nanoaggregates from Photochromic Spiropyrans in Nonpolar Solvents. 2003 , 19, 1919-1922	19
1663	Stark Spectroscopy of Size-Selected Helical H-Aggregates of a Cyanine Dye Templated by Duplex DNA. Effect of Exciton Coupling on Electronic Polarizabilities 2003 , 107, 3351-3362	30
1662	Low-Lying Excited States of Light-Harvesting System II in Purple Bacteria. 2003 , 107, 9589-9600	13
1661	Aggregation of a Zn(II) Complex of a Long-Chain Triester of meso-Tetrakis[p-carboxy]phenyl Porphyrin in Hydrocarbons: Structure of Tetrameric Rodlike Assemblies. 2003 , 19, 10641-10647	26
1660	Rhodamine 19 Fluorescent Dimers Resulting from Dye Aggregation on the Porous Surface of Sol-Gel Silica Glasses. 2003 , 19, 2782-2786	33
1659	The Characterization of Photoinduced Chirality in a Liquid-Crystalline Azo Polymer on Irradiation with Circularly Polarized Light. 2003 , 107, 2506-2518	28
1658	Self-assembly of Photofunctional Siloxane-Based Calix[4]arenes on Oxide Surfaces. 2003 , 15, 4068-4074	39
1657	Dimerization of Xanthene Dyes in Water: Experimental Studies and Molecular Dynamic Simulations. 2003 , 107, 13803-13812	39
1656	Proofs of macrocyclization of gable porphyrins as mimics of photosynthetic light-harvesting complexes. 2003 , 5, 4935-8	60
1655	Supramolecular chirogenesis in zinc porphyrins: interaction with bidentate ligands, formation of tweezer structures, and the origin of enhanced optical activity. 2003 , 68, 7176-92	60
1654	Photophysical Properties of Directly Linked Linear Porphyrin Arrays. 2003 , 107, 8791-8816	175
1653	Fluorescence Correlation Spectroscopy Using Octadecylrhodamine B as a Specific Micelle-Binding Fluorescent Tag; Light Scattering and Tapping Mode Atomic Force Microscopy Studies of Amphiphilic Water-Soluble Block Copolymer Micelles 2003 , 19, 4111-4119	31
1652	Comparative Studies on Energy Relaxation Dynamics of Directly Linked ZnII Porphyrin Dimers with Different Dihedral Angles. 2003 , 107, 1897-1903	19

1651	Photophysical Properties of a Three-Dimensional Zinc(II) Porphyrin Box. 2003 , 107, 9977-9988	36
1650	Influence of Conformational Dynamics on the Exciton States of DNA Oligomers. 2003 , 107, 13512-13522	111
1649	Amphiphilic porphyrins in reverse micelles: the influence of the molar ratio of water to surfactant and side-chain length on their triplet-state lifetimes. A case study. 2003 , 5, 3660	8
1648	Counterion-dependent excitonic spectra of tetra(p-carboxyphenyl)porphyrin aggregates in acidic aqueous solution. 2003 , 125, 810-20	142
1647	Self-assembling of the porphyrin-linked acyclic penta- and heptapeptides in aqueous trifluoroethanol. 2003 , 68, 5540-9	26
1646	Excitonic heterodimer formation in an HIV-1 oligonucleotide labeled with a donor-acceptor pair used for fluorescence resonance energy transfer. 2003 , 84, 643-54	30
1645	Supramolecular assemblies of Eu(TPyP)Pc at the air/water and air/Cd ²⁺ aqueous solution interfaces. 2003 , 57, 2156-2161	16
1644	Excitonic Behavior of Rhodamine Dimers: A Single-Molecule Study. 2003 , 107, 43-52	86
1643	Excitation energy transport processes of porphyrin monomer, dimer, cyclic trimer, and hexamer probed by ultrafast fluorescence anisotropy decay. 2003 , 125, 5849-60	145
1642	Hexameric macroring of gable-porphyrins as a light-harvesting antenna mimic. 2003 , 125, 2372-3	256
1641	Self-Organization of Hydrogen-Bonded Optically Active Phthalocyanine Dimers. 2003 , 19, 4825-4830	86
1640	Phthalocyanine Aggregation. 2003 , 129-176	92
1639	Recent Advances in Free and Metalated Multiporphyrin Assemblies and Arrays; A Photophysical Behavior and Energy Transfer Perspective. 2003 , 63-250	68
1638	Chiral shape and enantioselective growth of colloidal particles of self-assembled meso-tetra(phenyl and 4-sulfonatophenyl)porphyrins. 2003 , 1588-1589	59
1637	Exciton resonance energy transfer: effects of geometry and transition moment orientation in model photosystems. 2003 , 2, 130-5	11
1636	Perylene nanotubes fabricated by the template method. 2003 , 2442-3	57
1635	Synthesis and physical properties of biquinoxalinylyl bridged bis-porphyrins: models for aspects of photosynthetic reaction centres. 2003 , 1, 2777-87	39
1634	MOLECULAR AGGREGATION IN A HEMICYANINE DYE: MODELING BY A COMBINED CRYSTALLOGRAPHIC AND COMPUTATIONAL APPROACH. 2003 , 403, 77-103	9

1633	Polymorphic forms of a gold(I) arylacetylide complex with contrasting phosphorescent characteristics. 2003 , 125, 16081-8	86
1632	Strong optical anisotropies of F16CuPc thin films studied by spectroscopic ellipsometry. 2003 , 119, 6335-6340	34
1631	Phthalocyanines with eight oligo(ethylene oxide) alkoxy units: thermotropic phase behavior, aggregate formation and ion complexation with redox-active ions. 2003 , 07, 73-82	2
1630	Photo-optical behaviour of a photosensitive chiral nematic copolymer and mixtures containing non-chiral photoactive azobenzene groups. 2003 , 30, 671-680	13
1629	Analysis of wavelength-dependent photoisomerization quantum yields in bilirubins by fitting two exciton absorption bands. 2003 , 5, S374-S380	18
1628	The Dimerisation of Phthalocyanines. 2003 , 28, 299-420	11
1627	Self-Assembly of Chiral Phthalocyanines and Chiral Crown Ether Phthalocyanines. 2003 , 281-301	14
1626	Phthalocyanine Thin Films: Deposition and Structural Studies. 2003 , 37-127	27
1625	Physical Properties of Phthalocyanine-based Materials. 2003 , 1-36	23
1624	In Situ Measurement of Aggregate Formation Kinetics of Nickel(II)-Pyridylazoaminophenol Complex at the Heptane-Water Interface by Centrifugal Liquid Membrane Spectrophotometry. 2003 , 76, 1379-1386	10
1623	Porphyrin Supramolecules for Artificial Photosynthesis and Molecular Photonic/Electronic Materials. 2003 , 76, 689-708	104
1622	Roles of Axial Ligands on Intercalation of Cationic Metalloporphyrin into Smectite Clay Layers. 2003 , 32, 148-149	14
1621	Non-aggregated Intercalation of Dicationic Tetraphenylporphyrinatoantimony(V) Complexes into Smectite Clay Layers. 2003 , 32, 484-485	18
1620	Optical Properties of an Azobenzene Based Octupolar Near-IR Dye. 2003 , 76, 1223-1226	3
1619	An Acid-Base Controlled Molecular Switch. syn AntiConformational Switching in a exo Bis(Iron Porphyrin). 2003 , 32, 428-429	22
1618	Three-dimensional orientational order in the bulk and on the surface of polymer films and its effect on liquid-crystal alignment. 2004 , 69, 011702	18
1617	Single molecule photobleaching probes the exciton wave function in a multichromophoric system. 2004 , 93, 236404	65
1616	Coherent electronic coupling versus localization in individual molecular dimers. 2004 , 92, 103001	89

- 1615 The renaissance in optical spectroscopy of phthalocyanines and other tetraazaporphyrins. **2004**, 08, 1083-1090 107
- 1614 Synthesis and investigations of copper hexadecafluorophthalocyanine CuPcF16. **2004**, 86, 222-227 42
- 1613 Synthesis and electrogenerated chemiluminescence of donor-substituted phenylethynylcoumarins. **2004**, 69, 8086-92 54
- 1612 Spectroscopic Studies of the Intermolecular Interactions of a Bis-Azo Dye, Direct Blue 1, on Di- and Trimerization in Aqueous Solution and in Cellulose. **2004**, 108, 13726-13735 35
- 1611 Supramolecular polymerization and gel formation of bis(merocyanine) dyes driven by dipolar aggregation. **2004**, 126, 8336-48 153
- 1610 Dimerization of three xanthene dyes on Au(111) surface. **2004**, 551, 204-212 13
- 1609 Modulation of color changing paths for flavylum salts by solvent and concentration. **2004**, 161, 111-118 9
- 1608 Inverted N-confused porphyrin dimer. **2004**, 43, 5077-81 43
- 1607 Rationalization of supramolecular chirality in a bisporphyrin system. **2004**, 43, 5481-5 67
- 1606 Aligned Thin Films of Discotic Hexabenzocoronenes: Anisotropy in the Optical and Charge Transport Properties. **2004**, 14, 1053-1061 61
- 1605 Inverted N-Confused Porphyrin Dimer. **2004**, 116, 5187-5191 9
- 1604 Rationalization of Supramolecular Chirality in a Bisporphyrin System. **2004**, 116, 5597-5601 12
- 1603 Molecular sieves as host materials for supramolecular organization. **2004**, 72, 1-23 137
- 1602 Absorption anisotropy and molecular association of some ionic dyes in liquid crystalline solution. **2004**, 109, 149-154 16
- 1601 The anion effect and molecular association of rhodamine dyes in isotropic and anisotropic solvents. **2004**, 115, 55-61 14
- 1600 Langmuir-Blodgett films of substituted bis(naphthalocyaninato) rare earth complexes: structure and interaction with nitrogen dioxide. **2004**, 460, 279-285 18
- 1599 Non-covalent assemblies of negatively charged boronated porphyrins with different cationic moieties. **2004**, 689, 3242-3250 13
- 1598 Comparative study of photoorientation phenomena in photosensitive azobenzene-containing homopolymers and copolymers. **2004**, 163, 347-358 51

1597	Aggregation effects on the optical properties of a light harvesting phenylacetylene dendrimer in non-polar solution. 2004 , 106, 301-311	12
1596	On the photo-physical behavior and electro-optical effect of oxazine dyes in anisotropic host. 2004 , 60, 2925-32	18
1595	Chromophoric interactions in [60]fullerene-porphyrin dyads investigated by solid-state UV-Vis and IR spectroscopies. 2004 , 300, 227-232	31
1594	On the absorption and emission spectra for the purine chromophore in weakly perturbative environments. 2004 , 303, 205-218	9
1593	Electroabsorption study of vacuum-evaporated films of Pt(II)octaethylporphyrin. 2004 , 305, 77-84	14
1592	Supramolecular porphyrin/fullerene interactions studied by spectral methods. 2004 , 305, 277-284	23
1591	Optical properties of zinc phthalocyanine nanoparticle dispersions. 2004 , 383, 555-560	35
1590	Spectroscopic study of non-amphiphilic 2-(4-biphenyl)-5-(4-tert-butylphenyl)-1,3,4-oxadiazole aggregates at air-water interface and in Langmuir-Blodgett films. 2004 , 393, 1-6	12
1589	Aggregation and photophysical properties of water-soluble sapphyrins. 2004 , 395, 82-86	6
1588	Aggregation and G-quadruplex DNA-binding study of 6a,12a-diazadibenzo-[a,g]fluorenylium derivative. 2004 , 14, 3627-30	15
1587	Dipolar switch of the proton phototransfer in the doubly hydrogen-bonded 7-azaindole dimer with C _{2h} symmetry. 2004 , 6, 4467-4472	18
1586	Hybrid Langmuir-Blodgett monolayers containing clay minerals: effect of clay concentration and surface charge density on the film formation. 2004 , 6, 4174-4184	52
1585	Orientation and conformation of octadecyl rhodamine B in hybrid Langmuir-Blodgett monolayers containing clay minerals. 2004 , 6, 5347-5352	26
1584	Rose Bengal adsorbed on microgranular cellulose: evidence on fluorescent dimers. 2004 , 3, 674-80	41
1583	Biexciton resonance energy transfer in a model photosystem. 2004 , 3, 39-46	6
1582	Resonance Raman Intensity Analysis of Merocyanine Dimers in Solution 2004 , 108, 10284-10294	25
1581	Modeling of the Optical Properties of Cofacial Chromophore Pairs: Stilbenophane. 2004 , 108, 257-263	61
1580	Ultrafast aggregate-to-aggregate energy transfer within self-assembled light-harvesting columns of zinc phthalocyanine tetrakis(perylene-3,4,9,10-tetracarboxylic diimide). 2004 , 126, 10810-1	261

1579	Aggregation of Thionine within ALMCM-48. 2004 , 108, 5588-5593	28
1578	Exciton delocalization and superradiance in tetracene thin films and nanoaggregates. 2004 , 92, 107402	199
1577	H-aggregation of azobenzene-substituted amphiphiles in vesicular membranes. 2004 , 20, 1152-60	97
1576	Characterization of Individual Submicron Distyrylbenzene Aggregates Using Temperature-Dependent Picosecond Fluorescence and Atomic Force Microscopy. 2004 , 108, 4289-4295	27
1575	Molecular Structure of Azopolymers and Photoinduced 3D Orientational Order. 1. Azobenzene Polyesters. 2004 , 108, 4647-4658	36
1574	Investigation of Excited-State Proton Transfer in 2-Naphthol Derivatives Included in Langmuir-Blodgett Films. 2004 , 108, 5308-5314	8
1573	Amplified quenching of a conjugated polyelectrolyte by cyanine dyes. 2004 , 126, 13685-94	246
1572	Combining light-harvesting and charge separation in a self-assembled artificial photosynthetic system based on perylenediimide chromophores. 2004 , 126, 12268-9	228
1571	Approaches to Calculation of Exciton Interaction Energies for a Molecular Dimer. 2004 , 108, 19155-19162	38
1570	Excited Triplet States in Aggregates and Monomers of Water Soluble Meso-Aryl Substituted Porphyrins. 2004 , 108, 4631-4639	17
1569	Synthesis, self-assembly, and characterization of supramolecular polymers from electroactive dendron rodcoil molecules. 2004 , 126, 14452-8	241
1568	Novel CuS nanofibers using organogel as a template: controlled by binding sites. 2004 , 20, 11234-9	73
1567	Novel pearl-necklace porous CdS nanofiber templated by organogel. 2004 , 20, 6470-5	89
1566	Unique Aggregate Structure of Fluoroperylene Diimide Thin Film. 2004 , 108, 5901-5904	24
1565	Prolonged Excited-State Lifetime of Porphyrin Due to the Addition of Colloidal SiO ₂ to Triton X-100 Micelles. 2004 , 20, 1582-1586	12
1564	Synthesis and Excited State Dynamics of D ₂ Oxo Group IV Metal Phthalocyanine Oligomers: Trimers and Tetramers. 2004 , 108, 2576-2582	29
1563	Characterization of supported solid thin films of Laponite clay. Intercalation of rhodamine 6G laser dye. 2004 , 20, 5709-17	59
1562	Recognition of chiral catechols using oxo-titanium phthalocyanine. 2004 , 126, 4596-604	46

1561	Photoinduced Electron Transfer in Self-Assembled Dimers of 3-Fold Symmetric Donor-Acceptor Molecules Based on Perylene-3,4:9,10-bis(dicarboximide). 2004 , 108, 7497-7505	95
1560	Self-Aggregation of Lipophilic Porphyrins in Reverse Micelles of Aerosol OT. 2004 , 108, 11344-11356	34
1559	Triplet pi-diradical dication of directly meso-beta-linked porphyrin dimer. 2004 , 126, 1354-5	32
1558	Porphyrin boxes constructed by homochiral self-sorting assembly: optical separation, exciton coupling, and efficient excitation energy migration. 2004 , 126, 16187-98	178
1557	Self-assembly of supramolecular light-harvesting arrays from covalent multi-chromophore perylene-3,4:9,10-bis(dicarboximide) building blocks. 2004 , 126, 8284-94	269
1556	Ultrafast Charge Separation Due to Excited State Symmetry Breaking in Dimers of Push-Pull Perylenes. 2004 , 44, 101-108	23
1555	Material Investigations and Optical Properties of Phthalocyanine Nanoparticles. 2004 , 108, 1287-1295	62
1554	Synthesis and characterization of novel liquid and liquid crystalline phthalocyanines. 2004 , 08, 1175-1186	34
1553	A controlled supramolecular approach toward cation-specific chemosensors: alkaline earth metal ion-driven exciton signaling in squaraine tethered podands. 2004 , 126, 6590-8	132
1552	Characterization of Rhodamine 6G Aggregates Intercalated in Solid Thin Films of Laponite Clay. 1. Absorption Spectroscopy. 2004 , 108, 20030-20037	77
1551	Permeable nonaggregating porphyrin thin films that display enhanced photophysical properties. 2004 , 20, 10560-6	43
1550	Confinement Effects on Photoalignment, Photochemical Phase Transition, and Thermochromic Behavior of Liquid Crystalline Azobenzene-Containing Diblock Copolymers. 2004 , 37, 3101-3112	105
1549	Supramolecular p-n-heterojunctions by co-self-organization of oligo(p-phenylene vinylene) and perylene bisimide dyes. 2004 , 126, 10611-8	383
1548	Variable Electronic Coupling in Phenylacetylene Dendrimers: The Role of Förster, Dexter, and Charge-Transfer Interactions. 2004 , 108, 671-682	108
1547	Electrochemical, spectral, and computational studies of metalloporphyrin dimers formed by cation complexation of crown ether cavities. 2004 , 43, 6969-78	35
1546	Potassium Ion Selective Signaling Based on Intramolecular Dimer Formation of Biscrown Ether Azochromophore Chemosensor Exhibiting Forceps Function 2004 , 33, 568-569	9
1545	Novel Low-Molecular-Weight Gelators Based on Azobenzene Containing L-Amino Acids. 2005 , 78, 721-726	20
1544	Effects of Axial Ligands on the Formation of a Layered Structure in Mono- and Di-Cationic Charged Tetraphenylporphyrinatoantimony(V)/Synthetic Clay Composites. 2005 , 78, 2251-2258	8

1543	Aggregation behavior of Dabsylated Amino Acids in Aqueous Solution. 2005 , 54, 799-805	2
1542	Electronic and vibrational spectra of diphenylmethane. 2005 , 61, 767-76	19
1541	Time-resolved fluorescence spectroscopic and scanning near-field optical microscopic studies of rhodamine dye adsorbed in cationic Langmuir-Blodgett films. 2005 , 61, 103-7	8
1540	Effect of poly-HEMA hydrophilic gel environment on the photo-physical behavior of rhodamine dyes. 2005 , 61, 659-63	13
1539	Langmuir-Blodgett films of 9-phenyl anthracene molecules incorporated into different matrices. 2005 , 61, 2448-54	13
1538	Structural and orientational studies of chiral N-[4(1-pyrene)butyryl]-phenylalanine in cast film. 2005 , 61, 2713-9	0
1537	Fluorescence of acridinic dyes in anionic surfactant solution. 2005 , 61, 2926-32	43
1536	Spectroscopic studies of β -cyclodextrin-complexed cyanine dyes. 2005 , 169, 211-220	11
1535	Spectroscopic characterizations of non-amphiphilic 2-(4-biphenyl)-6-phenyl benzoxazole molecules at the air/water interface and in Langmuir-Blodgett films. 2005 , 114, 197-206	15
1534	Tuning the arrangement of mono-crown ether-substituted phthalocyanines in Langmuir-Blodgett films by the length of alkyl chains and the cation in subphase. 2005 , 289, 200-5	13
1533	Modulative magnetic interaction in diradicals of directly meso-linked porphyrin dimers. 2005 , 24, 2538-2543	9
1532	Photophysical study of a conjugated/non-conjugated PPV-type electroluminescent copolymer. 2005 , 46, 2452-2460	22
1531	Measuring molecular aggregates in sub-attomolar solutions. 2005 , 744-747, 121-125	
1530	Sensors based on double-decker rare earth phthalocyanines. 2005 , 116, 1-11	96
1529	Solubilization-induced surface structural changes of sol particles observed by hyper Rayleigh scattering. 2005 , 403, 175-179	8
1528	Influences of Na and H on the spectroscopic properties and morphologies of a cyanine dye. 2005 , 67, 211-214	2
1527	Self-Assembled Monolayers of Chromophores on Gold Surfaces. 257-313	25
1526	Dye-Based Organogels: Stimuli-Responsive Soft Materials Based on One-Dimensional Self-Assembling Aromatic Dyes. 119-160	203

1525	Pyridylporphyrin metallacycles with a slipped cofacial geometry: spectroscopic, X-ray, and photophysical characterization. 2005 , 44, 9752-62	39
1524	Resonance Raman spectroscopy provides evidence of heme ordering within the functional erythrocyte. 2005 , 38, 71-78	38
1523	Interaction Between Terminal Zinc Porphyrins in a U-Shaped Trimeric Porphyrin Array Bearing Chiral Amino Acid Tails. 2005 , 2005, 5067-5076	4
1522	A Facile and Potent Synthesis of meso,meso-Linked Porphyrin Arrays Using Iodine(III) Reagents. 2005 , 2005, 3994-4001	54
1521	Control of the Interactions in Multichromophores: Novel Concepts. Perylene Bis-imides as Components for Larger Functional Units. 2005 , 88, 1309-1343	318
1520	Magnetic circular dichroism study of directly fused porphyrins. 2005 , 6, 171-9	15
1519	Two-photon absorption of bis[4-(N,N-diphenylamino)phenylethynyl]arenes. 2005 , 6, 893-6	29
1518	Energy transfer in single-molecule photonic wires. 2005 , 6, 819-27	55
1517	Conformationally restricted aza-bodipy: a highly fluorescent, stable, near-infrared-absorbing dye. 2005 , 44, 1677-9	239
1516	Anthracene-bridged z-shaped [26]hexaphyrin(1.1.1.1.1.1) dimer from the regioselective Diels-Alder reaction of a hexaphyrin with bis-o-xylylene equivalents. 2005 , 44, 932-5	32
1515	Conformationally Restricted Aza-Bodipy: A Highly Fluorescent, Stable, Near-Infrared-Absorbing Dye. 2005 , 117, 1705-1707	54
1514	Anthracene-Bridged Z-Shaped [26]Hexaphyrin(1.1.1.1.1.1) Dimer from the Regioselective Diels-Alder Reaction of a Hexaphyrin with Bis-o-xylylene Equivalents. 2005 , 117, 954-957	16
1513	Excitation-energy migration in self-assembled cyclic zinc(II)-porphyrin arrays: a close mimicry of a natural light-harvesting system. 2005 , 11, 3753-61	75
1512	Photochemical structuring and fixing of structures in binary polymer brush layers via 2pi+2pi photodimerization. 2005 , 282, 349-58	11
1511	Porphyrin-Calix[4]arenes. 2005 , 41, 787-806	13
1510	Thin films of copper hexadecafluorophthalocyanine CuPcF16. 2005 , 242, 822-827	26
1509	Structure and solvatochromism of heteroaromatic aminoketones containing thiophene moieties. 2005 , 18, 1086-1098	5
1508	. 2005 ,	14

1507	Raman microspectroscopy and imaging provides insights into heme aggregation and denaturation within human erythrocytes. 2005 , 10, 14005	103
1506	Photophysics of an electrophosphorescent platinum (II) porphyrin in solid films. 2005 , 122, 154710	48
1505	Influence of the alkyl-chains length on the electronic structure and interface properties of 1,4-octasubstituted zinc phthalocyanines on gold. 2005 , 97, 073715	22
1504	Cresyl Fast Violet in Aqueous Solution: Temperature Dependent Unfolding of Dimer Structure. 2005 , 219, 1373-1384	4
1503	Optical waveguide self-assembled from organic dye molecules in solution. 2005 , 5, 1293-6	251
1502	Hexameric and pentameric slipped-cofacial dimers: toward an artificial light-harvesting complex. 2005 , 70, 2745-53	34
1501	Melamine-barbiturate/cyanurate binary organogels possessing rigid azobenzene-tether moiety. 2005 , 21, 11048-52	56
1500	Isotopic induction of the excited-state single-proton transfer in 7-azaindole dimer. 2005 , 7, 94-9	11
1499	Self-organization of a sulfonamido-porphyrin in Langmuir monolayers and Langmuir-Blodgett films. 2005 , 7, 3874-83	24
1498	2,6,10-Tris(dialkylamino)trioxatriangulenium salts: a new promising fluorophore. Ion-pair formation and aggregation in non-polar solvents. 2005 , 4, 568-76	43
1497	Studies of Langmuir and Langmuir-Blodgett films of NLO-active amphiphilic 1,3-indanedione derivatives. 2005 , 29, 1049	11
1496	Time-dependent density functional theory investigation of electric field effects on absorption spectra of meso-meso-linked zinc porphyrin arrays: Role of charge-transfer States. 2005 , 109, 13921-7	6
1495	Amphiphilic meso-disubstituted porphyrins: synthesis and the effect of the hydrophilic group on absorption spectra at the air-water interface. 2005 , 21, 595-601	14
1494	Dissipation of electronic excitation energy within a C60 [6:0]-hexaadduct carrying 12 pyropheophorbide a moieties. 2005 , 127, 8376-85	33
1493	Orientation of Adsorbed Dyes in the Interlayer Space of Clays. 1. Anisotropy of Rhodamine 6G in Laponite Films by Vis-Absorption with Polarized Light. 2005 , 17, 4134-4141	48
1492	Potentiometric, electronic structural, and ground- and excited-state optical properties of conjugated bis[(porphinato)zinc(II)] compounds featuring proquinoidal spacer units. 2005 , 127, 5186-95	107
1491	Excited state dynamics and structures of functionalized phthalocyanines. 1. Self-regulated assembly of zinc helicenocyanine. 2005 , 109, 16598-609	18
1490	Electroactive supramolecular self-assembled fibers comprised of doped tetrathiafulvalene-based gelators. 2005 , 127, 14769-75	225

1489	Spectroscopy and photophysics of self-organized zinc porphyrin nanolayers. 1. Optical spectroscopy of excitonic interactions involving the soret band. 2005 , 109, 17031-7	20
1488	Quantum-chemical investigation of the electroabsorption spectra of directly meso-meso-linked porphyrin arrays: essential role of charge-transfer excited states accidentally overlapping with soret bands. 2005 , 109, 703-13	19
1487	A comparative Langmuir-Blodgett study on a set of covalently linked porphyrin-based amphiphiles: a detailed atomic force microscopic study. 2005 , 21, 3413-23	11
1486	Self-organized perylene diimide nanofibers. 2005 , 109, 724-30	122
1485	Cross dipole stacking in the crystal of distyrylbenzene derivative: the approach toward high solid-state luminescence efficiency. 2005 , 127, 14152-3	329
1484	Excited-state behavior of N-phenyl-substituted trans-3-aminostilbenes: where the "m-amino effect" meets the "amino-conjugation effect". 2005 , 109, 6450-6	28
1483	Enhanced emission of Nile red fluorescent nanoparticles embedded in hybrid sol-gel glasses. 2005 , 109, 80-6	40
1482	Ultrafast photoinduced charge separation resulting from self-assembly of a green perylene-based dye into pi-stacked arrays. 2005 , 109, 970-5	53
1481	Selective calcium ion sensing with a bichromophoric squaraine foldamer. 2005 , 127, 3156-64	167
1480	Mediation of ultrafast light-harvesting by a central dimer in phycoerythrin 545 studied by transient absorption and global analysis. 2005 , 109, 14219-26	28
1479	Photoinduced electron transfer in double-bridged porphyrin-fullerene triads. 2005 , 109, 4881-90	43
1478	Exciton diffusion and interfacial charge separation in meso-tetraphenylporphyrin/TiO ₂ bilayers: effect of ethyl substituents. 2005 , 109, 20166-73	55
1477	Highly fluorescent N,N-dimethylaminophenylethynylarenes: synthesis, photophysical properties, and electrochemiluminescence. 2005 , 109, 8626-33	33
1476	Molecular ordering in monolayers of an alkyl-substituted perylene-bisimide dye by attenuated total reflectance ultraviolet-visible spectroscopy. 2005 , 59, 1248-56	11
1475	Studies on canthaxanthin in lipid membranes. 2005 , 1712, 17-28	33
1474	Surface photovoltaic properties of an expanded aza H ₂ Pc containing four 1,10-phenanthroline subunits. 2005 , 150, 305-308	6
1473	Synthesis and multitopic complex formation of a photochromic bis(crown ether) based on benzobis(thiazole). 2005 , 109, 8653-60	19
1472	PolymerDye Complexes: A Facile Method for High Doping Level and Aggregation Control of Dye Molecules. 2005 , 17, 5798-5802	104

1471	Thermally stimulated current investigation of copper octaethylporphyrin dimer Langmuir-Blodgett films. 2005 , 21, 294-8	5
1470	Effects of sonication on the size and crystallinity of stable zwitterionic organic nanoparticles formed by reprecipitation in water. 2005 , 21, 7990-4	65
1469	Photophysical and (photo)electrochemical properties of a coumarin dye. 2005 , 109, 3907-14	279
1468	Characterization of rhodamine 6G aggregates intercalated in solid thin films of laponite clay. 2 Fluorescence spectroscopy. 2005 , 109, 7443-50	173
1467	Spectroscopic studies of the intermolecular interactions of Congo red and tinopal CBS with modified cellulose fibers. 2005 , 21, 5414-20	47
1466	Supramolecular squares of porphyrazines. 2005 , 4678-80	13
1465	Interfacial aggregation of thioether-substituted phthalocyaninatomagnesium(II) palladium(II) complexes in the toluene/water system. 2005 , 15, 4701	28
1464	Excitation energy migration in a dodecameric porphyrin wheel. 2005 , 109, 8643-51	39
1463	Thin-film transistors based on Langmuir-Blodgett films of heteroleptic bis(phthalocyaninato) rare earth complexes. 2005 , 21, 6527-31	66
1462	Helical structures of N-alkylated poly(p-benzamide)s. 2005 , 127, 8553-61	125
1461	Preparations and characterizations of bichromophoric systems composed of a ruthenium polypyridine complex connected to a difluoroborazaindacene or a zinc phthalocyanine chromophore. 2005 , 44, 5600-11	52
1460	Aggregation behavior of heteroleptic tris(phthalocyaninato) dysprosium complexes with different alkoxy chains in monolayer or multilayer solid films. 2005 , 21, 11289-95	34
1459	High performance organic field-effect transistors based on amphiphilic tris(phthalocyaninato) rare earth triple-decker complexes. 2005 , 127, 15700-1	186
1458	Porphyrin nanoparticles as supramolecular systems. 2006 , 30, 1834	71
1457	Self-assembling of n-type semiconductor tri(phenanthroline)hexaazatriphenylenes with a large aromatic core. 2006 , 8, 585-8	62
1456	Nanostructuration of phenylenevinylene diimide-bridged silsesquioxane: from electroluminescent molecular J-aggregates to photoresponsive polymeric H-aggregates. 2006 , 128, 4892-901	75
1455	Novel one-pot synthesis of 5-alkenyl-15-alkynylporphyrins and their derivatisation to a butadiyne-linked benzoporphyrin dimer. 2006 , 383-5	33
1454	Molecular organization in binary mixtures of derivatives of naphthalenebicarboxylic acid and naphthylenebenzimidazole with a liquid crystal in two-dimensional layers II. Langmuir-Blodgett films. 2006 , 33, 307-319	12

1453	Meso-meso linked core modified 22pi smaragdyrins with unusual absorption properties. 2006 , 4584-6	21
1452	Tunable interchromophore electronic interaction of a merocyanine dye in hydrogen-bonded supramolecular assemblies scaffolded by bismelamine receptors. 2006 , 1500-2	48
1451	Two-phase Couette flow linear dichroism measurement of the shear-forced orientation of a palladium(II)-induced aggregate of thioether-derivatised subphthalocyanines at the toluene/glycerol interface. 2006 , 30, 343	16
1450	Study of internal structure of meso-tetrakis (4-sulfonatophenyl) porphine J-aggregates in solution by fluorescence microscope imaging in a magnetic field. 2006 , 22, 7600-4	54
1449	Tessellation of porphyrazines with porphyrins by design. 2006 , 45, 6928-32	18
1448	Supramolecular order of stilbenoid dendrons: importance of weak interactions. 2006 , 16, 441-451	63
1447	Formation of helical J-aggregate of chiral thioether-derivatized phthalocyanine bound by palladium(II) at the toluene/water interface. 2006 , 22, 1630-9	65
1446	Intramolecular electron transfer through the 20-position of a chlorophyll a derivative: an unexpectedly efficient conduit for charge transport. 2006 , 128, 4779-91	91
1445	Induced Supramolecular Chirality in Nanostructured Materials: Ionic Self-Assembly of Perylene-Chiral Surfactant Complexes. 2006 , 18, 1839-1847	96
1444	Self-assembled fluorescent hexaazatriphenylenes that act as a light-harvesting antenna. 2006 , 71, 5752-60	46
1443	Excitation energy transfer in ion pairs of polymethine cyanine dyes: efficiency and dynamics. 2006 , 110, 7527-38	10
1442	Low Molecular-Mass Organic Gelators. 2006 , 449-551	21
1441	Porphyrin Supramolecules by Self-Complementary Coordination. 49-104	41
1440	One-dimensional luminescent nanoaggregates of perylene bisimides. 2006 , 1188-90	193
1439	Control over charge separation in phthalocyanine-anthraquinone conjugates as a function of the aggregation status. 2006 , 128, 12674-84	92
1438	A new photostable terrylene diimide dye for applications in single molecule studies and membrane labeling. 2006 , 128, 5283-91	112
1437	Energy, charge, and spin transport in molecules and self-assembled nanostructures inspired by photosynthesis. 2006 , 71, 5051-66	575
1436	Orientation of Adsorbed Dyes in the Interlayer Space of Clays. 2 Fluorescence Polarization of Rhodamine 6G in Laponite Films. 2006 , 18, 1407-1416	79

1435	Ensemble and single-molecule fluorescence spectroscopy of a calcium-ion indicator dye. 2006 , 110, 7057-66	12
1434	Dications of bis-triarylamino-[2.2]paracyclophanes: Evaluation of excited state couplings by GMH analysis. 2006 , 110, 3495-504	15
1433	Synthesis and characterization of long perylenediimide polymer fibers: from bulk to the single-molecule level. 2006 , 110, 7803-12	51
1432	Xerogel from N,N'-bis(2-phosphonoethyl)-1,4,5,8-naphthalenediimide: a nanohybrid material displaying efficient tryptophan photooxidation. 2006 , 22, 8939-44	6
1431	Harvesting infrared photons with tricarbo-cyanine dye clusters. 2006 , 110, 16169-73	37
1430	Characterization of Langmuir-Blodgett films of a ferroelectric liquid crystal. 2006 , 110, 1722-6	8
1429	Characterization of a novel water-soluble 3,4,9,10-perylenetetracarboxylic diimide in solution and in self-assembled zirconium phosphonate thin films. 2006 , 22, 1680-7	35
1428	Formation and dissociation of rhodamine 800 dimers in water: steady-state and ultrafast spectroscopic study. 2006 , 110, 2601-6	27
1427	Linear and nonlinear optical properties of a macrocyclic trichromophore bundle with parallel-aligned dipole moments. 2006 , 110, 5434-8	37
1426	Time-resolved EPR studies of photogenerated radical ion pairs separated by p-phenylene oligomers and of triplet states resulting from charge recombination. 2006 , 110, 25163-73	140
1425	Photoinduced electron transfer and excitation energy transfer in directly linked zinc porphyrin/zinc phthalocyanine composite. 2006 , 110, 12734-42	50
1424	Effect of Dimer Formation on the Growth Cessation of Polar Organic Crystals. 2006 , 6, 2011-2020	5
1423	Effects of pH and electrolyte concentration on the binding between a humic acid and an oxazine dye. 2006 , 63, 430-9	17
1422	Binding of anti-prion agents to glycosaminoglycans: evidence from electronic absorption and circular dichroism spectroscopy. 2006 , 346, 1267-74	30
1421	What can you learn from a molecular probe? New insights on the behavior of C343 in homogeneous solutions and AOT reverse micelles. 2006 , 110, 13050-61	108
1420	A biosensor for inorganic phosphate using a rhodamine-labeled phosphate binding protein. 2006 , 45, 14764-71	59
1419	Single Molecular Morphology of Porphyrin/DNA Complex. 2006 , 35, 88-89	4
1418	Chapter 9 Interaction of Polyene Macrolide Antibiotics with Lipid Model Membranes. 2006 , 269-329	13

1417	Supramolecular guest-host systems: combining high dye doping level with low aggregation tendency. 2006 , 6331, 174	2
1416	Solvothermal Synthesis of Self-Assembled Free-Based Porphyrin Wires. 2006 , 53, 191-199	2
1415	Polymer-dye complexes: supramolecular route toward functional optical materials. 2006 ,	
1414	Analysis of Associated Structures of Rhodamine B Adsorbed at Interfaces by Second Harmonic Generation Spectroscopy. 2006 , 55, 457-465	1
1413	Fluorescence of the nematic liquid crystal 5CB in nanoporous glasses. 2006 , 100, 394-399	10
1412	Measurement of ordered associate of protonated tetraphenylporphine formed at toluene/aqueous H ₂ SO ₄ interface by attenuated total internal reflection spectroscopy with polarized light. 2006 , 556, 112-20	6
1411	On the geometry dependence of molecular dimer spectra with an application to aggregates of perylene bisimide. 2006 , 328, 354-362	157
1410	Spectroelectrochemical characterisation of Langmuir-Blodgett films of heteroleptic phthalocyanine complexes. Potential applications. 2006 , 284-285, 574-582	37
1409	Application of a reflection principle to spectroscopic transitions in molecular dimers. 2006 , 433, 199-203	3
1408	Design and synthesis of 1,10-phenanthroline based Zn(II) complexes bearing 1D push-pull NLO-phores for tunable quadratic nonlinear optical properties. 2006 , 691, 2512-2516	14
1407	Role of various LB parameters on the optical characteristics of mixed Langmuir-Blodgett films. 2006 , 67, 2542-2549	12
1406	Preparation and photophysical properties of benzimidazole-based gels. 2006 , 178, 62-69	17
1405	Chirochromic triggers: 3,3'-Disubstituted-2,2'-binaphthalene-1,1'-diols and 2-methylindoline derived phosphoramidates. 2006 , 179, 66-74	6
1404	Self-association of free base porphyrins with amino acid substituents in AOT reverse micelles. 2006 , 178, 225-235	13
1403	The effects of molecular aggregation and isomerization on the fluorescence of push-pull hyperpolarizable chromophores. 2006 , 179, 237-242	10
1402	Porphyrin photochemistry in inorganic/organic hybrid materials: Clays, layered semiconductors, nanotubes, and mesoporous materials. 2006 , 7, 104-126	214
1401	Supramolecular complexes of functional chromophores based on multiple hydrogen-bonding interactions. 2006 , 7, 164-182	96
1400	Molecular exciton theory calculations based on experimental results for Solophenyl red 3BL azo dye-surfactants interactions. 2006 , 64, 464-76	15

1399	Liquid crystalline phthalocyanine spun films for organic vapour sensing. 2006 , 113, 127-134	43
1398	Arrangement of tris(phthalocyaninato) gadolinium triple-decker complexes with multi-octyloxy groups on water surface. 2006 , 303, 256-63	11
1397	Dual fluorescence and laser emissions from fluorescein-Na and eosin-B. 2006 , 121, 475-487	24
1396	Spectral investigations of selected C60-organic chromophore-linked systems. 2006 , 792-793, 2-8	4
1395	Synthesis of tetra-oligothiophene-substituted calix[4]arenes and their optical and electrochemical properties. 2006 , 62, 7846-7853	15
1394	Optical rotation inversion of porphyrin-DNA complexes. 2006 , 47, 519-522	2
1393	Ordering and dewetting in spin-coated films of a liquid crystalline main chain polymer. 2006 , 514, 165-173	25
1392	Special fluorescence enhancement and aggregation in Langmuir-Blodgett films of 4,4'-dicyano-(3,4-dibutyl-2-thienylethynyl)biphenyl. 2006 , 515, 2596-2601	4
1391	Synthesis, structure, and spectroscopic and magnetic properties of mesomorphic octakis(hexylthio)-substituted phthalocyanine rare-earth metal sandwich complexes. 2006 , 45, 1667-76	70
1390	X-Shaped electro-optic chromophore with remarkably blue-shifted optical absorption. Synthesis, characterization, linear/nonlinear optical properties, self-assembly, and thin film microstructural characteristics. 2006 , 128, 6194-205	125
1389	Luminescence detection of tightly bound stacking aggregates of adenine and adenosine in aqueous solutions--the candidates for the role of the first genetic templates. 2006 , 406, 23-6	1
1388	Photorefractive IR-spectrum composites prepared from polyimide and ruthenium(II) tetra-15-crown-5-phthalocyaninate with axially coordinated triethylenediamine molecules. 2006 , 80, 453-460	8
1387	A multistate model for the fluorescence response of R-phycoerythrin. 2006 , 82, 635-44	32
1386	Energy transfer among dyes on particulate solids. 2006 , 82, 200-7	12
1385	Plasmon coupling in nanorod assemblies: optical absorption, discrete dipole approximation simulation, and exciton-coupling model. 2006 , 110, 18243-53	685
1384	Aggregation of 1,3,7-trimethylxanthine with methylene blue in aqueous solution. 2006 , 73, 171-177	9
1383	Aggregation behavior of dabsylated poly(L-lysine) in aqueous DMSO solution. 2006 , 57, 747-756	6
1382	Characterization of light emission from subphthalocyanine monolayers using scanning tunneling microscopy. 2006 , 499, 123-128	11

1381	Two-dimensional "nano-ring and nano-crystal" morphologies in Langmuir monolayer of phthalocyaninato nickel complexes. 2006 , 300, 298-303	5
1380	Effects of structural reorganization in phthalocyanine films on their electrical properties. 2006 , 96, 129-135	13
1379	Control of optically active structure of thioether-phthalocyanine aggregates by chiral Pd(II)-BINAP complexes in toluene and at the toluene/water interface. 2006 , 18, 599-608	30
1378	An enantiomeric nanoscale architecture obtained from a pseudoenantiomeric aggregate: covalent fixation of helical chirality formed in self-assembled discotic triazine triamides by chiral amplification. 2006 , 12, 763-76	72
1377	Electrochemistry and photophysics of donor-substituted triarylboranes: symmetry breaking in ground and excited state. 2006 , 12, 2358-70	137
1376	Chiral, bichromophoric silicones: ordering principles of structural units in complex molecules. 2006 , 45, 4444-7	11
1375	Hierarchical self-assembly of donor-acceptor-substituted butadiene amphiphiles into photoresponsive vesicles and gels. 2006 , 45, 6317-21	104
1374	Boron-containing two-photon-absorbing chromophores: electronic interaction through the cyclodiborazane core. 2006 , 45, 6466-9	28
1373	Fluorescent H-aggregates of merocyanine dyes. 2006 , 45, 7026-30	310
1372	Artificial Light-Harvesting Systems by Use of Metal Coordination. 2006 , 2006, 2333-2351	104
1371	Spectroscopic and theoretical studies of optically active porphyrin dimers: a system uninterpretable by exciton coupling theory. 2006 , 7, 1235-40	23
1370	Synthesis and Optical Properties of Dendronized Porphyrin Polymers. 2006 , 27, 1355-1361	22
1369	Chirale bichromophore Silicone: Ordnungsprinzipien von Struktureinheiten in komplexen Molekülen. 2006 , 118, 4555-4558	5
1368	Hierarchical Self-Assembly of Donor-Acceptor-Substituted Butadiene Amphiphiles into Photoresponsive Vesicles and Gels. 2006 , 118, 6465-6469	31
1367	Boron-Containing Two-Photon-Absorbing Chromophores: Electronic Interaction through the Cyclodiborazane Core. 2006 , 118, 6616-6619	5
1366	Fluorescent H-Aggregates of Merocyanine Dyes. 2006 , 118, 7184-7188	108
1365	Synthesis of a Novel Chiral Squaraine Dye and Its Unique Aggregation Behavior in Solution and in Self-Assembled Monolayers. 2006 , 18, 1271-1275	52
1364	Molecular Materials by Self-Assembly of Porphyrins, Phthalocyanines, and Perylenes. 2006 , 18, 1251-1266	604

1363	Efficient Light-Harvesting Layers of Homeotropically Aligned Porphyrin Derivatives. 2006 , 18, 2234-2239	43
1362	Synthesis, characterisation and thermal stability of 5-ferrocenylidene-(1, 3-dimethylbarbituric acid) and 5-ferrocenylidene-(1, 3-diethylthiobarbituric acid). 2006 , 35, 270-277	4
1361	Determining electronic spectra at interfaces by electronic sum frequency generation: one- and two-photon double resonant oxazine 750 at the air/water interface. 2006 , 125, 1947-11	29
1360	Optical Microscopy and Spectroscopy of Single Molecules. 2006 , 5-47	
1359	RESONANT THIRD-ORDER OPTICAL NONLINEARITIES OF HIGHLY-SUBSTITUTED PHTHALOCYANINE DERIVATIVES. 2006 , 15, 167-178	2
1358	Effect of disorder on ultrafast exciton dynamics probed by single molecule spectroscopy. 2006 , 97, 216403	35
1357	Microwave-assisted immobilization of metallophthalocyanines in mesoporous channels of MCM-41. 2007 , 11, 118-124	8
1356	Photo-optical properties and photo-orientation phenomena in an immiscible blend of cholesteric copolymer with azobenzene-containing polymer. 2007 , 34, 411-419	3
1355	New HIV-protease assays applying self-quenching peptide substrates in combination with time-resolved fluorescence single-molecule spectroscopy. 2007 , 87, 731-743	1
1354	Intermolecular Interactions in Langmuir and Langmuir-Blodgett Films of Azo Dye/Liquid Crystal Mixtures. 2007 , 479, 49/[1087]-58/[1096]	2
1353	Synthesis and Properties of 5-(3-Pyridyl)porphyrinatoruthenium(II) Tetramers. 2007 , 80, 1556-1562	5
1352	Structure and Properties of Carbonyl-Coordinated Ruthenium(II) and Osmium(II) Porphyrin Dimers Bridged by Aza Ligands. 2007 , 80, 1955-1964	10
1351	Change in the Orientation and Packing upon Adsorption of Pyranine Molecules onto Cationic Langmuir Monolayers and Langmuir-Blodgett Films. 2007 , 80, 1723-1730	6
1350	Characterization of Magnesium Porphyrins and Aggregation of Porphyrins in Organic Solvent. 2007 , 80, 536-542	13
1349	Self-assembly of Amphiphilic Benzo-15-crown-5 Azoprobes in Response to Alkali Metal Ions in Water. 2007 , 36, 880-881	7
1348	Density Operator Description of Excitonic Absorption and Motion in Finite Molecular Systems. 2007 , 321-476	3
1347	Synthesis and characterization of dendritic poly(L-lysine) containing porphyrin-Bullerene moieties. 2007 , 157, 311-317	15
1346	Cyclic porphyrin arrays as artificial photosynthetic antenna: synthesis and excitation energy transfer. 2007 , 36, 831-45	351

1345	Formation of fluorescent aggregates in Rhodamine 6G doped silica glasses. 2007 , 353, 481-485	36
1344	Circular dichroism and absorption spectroscopy of merocyanine dimer aggregates: molecular properties and exciton transfer dynamics from time-dependent quantum calculations. 2007 , 9, 6214-8	18
1343	meso-Tetra(pentafluorophenyl)porphyrin as an efficient platform for combinatorial synthesis and the selection of new photodynamic therapeutics using a cancer cell line. 2007 , 9, 998-1011	121
1342	Aggregation-induced emission enhancement of 2-(2'-hydroxyphenyl)benzothiazole-based excited-state intramolecular proton-transfer compounds. 2007 , 111, 5861-8	200
1341	Crystal Structure of a Highly Luminescent Slice Crystal Grown in the Vapor Phase: A New Polymorph of 2,5-Diphenyl-1,4-distyrylbenzene. 2007 , 7, 2512-2516	48
1340	anti-[2.2](1,4)Phthalocyaninophane: spectroscopic evidence for transannular interaction in the excited states. 2007 , 129, 4516-7	37
1339	Artificial photosynthetic systems: assemblies of slipped cofacial porphyrins and phthalocyanines showing strong electronic coupling. 2007 , 5, 1679-91	221
1338	Liquid crystalline and charge transport properties of double-decker cerium phthalocyanine complexes. 2007 , 17, 2607	40
1337	Aryl-substituted C3-bridged oligopyrroles as anion receptors for formation of supramolecular organogels. 2007 , 129, 13661-74	242
1336	Enhanced photoinduced birefringence in hydrogen-bonded guest-host polymers. 2007 ,	
1335	Highly fluorescent rhodamine B nanoparticles entrapped in hybrid glasses. 2007 , 23, 2175-9	37
1334	Highly fluorescent columnar liquid crystals with elliptical molecular shape: oblique molecular stacking and excited-state intramolecular proton-transfer fluorescence. 2007 , 17, 5052	64
1333	Effect of peripheral hydrophobic alkoxy substitution on the organic field effect transistor performance of amphiphilic tris(phthalocyaninato) europium triple-decker complexes. 2007 , 23, 12549-54	62
1332	Amphiphilic perylenetetracarboxyl diimide dimer and its application in field effect transistor. 2007 , 23, 5836-42	64
1331	Molecular engineering of intensely near-infrared absorbing excited states in highly conjugated oligo(porphinato)zinc-(polypyridyl)metal(II) supermolecules. 2007 , 129, 9691-703	53
1330	The crystal structure of octakis(pentoxo-phthalocyaninato)copper with pyridines axially substituted: the molecules stacked with J-aggregates. 2007 , 60, 1479-1484	2
1329	Photoinduced charge separation in self-assembled cofacial pentamers of zinc-5,10,15,20-tetrakis(perylenediimide)porphyrin. 2007 , 9, 1469-78	59
1328	Kinetic and spectroscopic studies on the self-aggregation of a meso-substituted amphiphilic corrole derivative. 2007 , 31, 1722	19

1327	Unsymmetrical calix[4]arene bisporphyrin Pacman. 2007 , 9, 785-8	15
1326	Electric field effects on absorption and fluorescence spectra of trimethylsilyl- and trimethylsilylethynyl-substituted compounds of pyrene in a PMMA film. 2007 , 111, 10687-96	28
1325	Photophysics of 1-azacarbazole dimers: a reappraisal. 2007 , 111, 8774-9	14
1324	Excitation Energy Migration of Acridine Orange Intercalated into Deoxyribonucleic Acid Thin Films. 2007 , 111, 6983-6988	25
1323	Aggregation properties of heavy atom substituted squaraine dyes: evidence for the formation of J-type dimer aggregates in aprotic solvents. 2007 , 111, 3226-30	35
1322	Synthesis and structure-linear and structure-nonlinear optical properties of multi-dipolar zigzag oligoaryleneethynylenes. 2007 , 72, 6672-9	28
1321	Self-Assembled Fibers of a Discotic Phthalocyanine Derivative: Internal Structure, Tailoring of Geometry, and Alignment by a Direct Current Electric Field. 2007 , 111, 27-31	36
1320	Ligand-field dependence of the excited state dynamics of Hangman bisporphyrin dyad complexes. 2007 , 111, 8258-68	14
1319	Beyond exciton theory: a time-dependent DFT and Franck-Condon study of perylene diimide and its chromophoric dimer. 2007 , 129, 7586-95	131
1318	"Two-point" assembling of Zn(II) and Co(II) metalloporphyrins derivatized with a crown ether substituent in Langmuir and Langmuir-Blodgett films. 2007 , 23, 2555-68	12
1317	Ultrafast energy transfer within cyclic self-assembled chlorophyll tetramers. 2007 , 129, 6384-5	60
1316	Electrolyte-induced mesoscopic aggregation of thiocarbocyanine dye in aqueous solution: counterion size specificity. 2007 , 111, 7176-83	30
1315	Synthesis and characterization of meso-triarylsupporphyrins. 2007 , 129, 8271-81	135
1314	Prepared chiral nanorods of a cobalt(II) porphyrin dimer and studied changes of UV-Vis and CD spectra with aggregate morphologies under different temperatures. 2007 , 46, 4766-8	17
1313	Micrometer-Sized Rings Self-assembled from Thiocyanine Dye Molecules and Their Waveguiding Properties. 2007 , 19, 5293-5301	31
1312	Absorption spectroscopy of molecular trimers. 2007 , 126, 164308	25
1311	Perturbation of Electronic States and Energy Relaxation Dynamics in a Series of Phenylene Bridged ZnIIPorphyrin Dimers. 2007 , 111, 14881-14888	26
1310	Photoinduced energy and electron transfer processes in hexapyropheophorbide a- fullerene [C(60)] molecular systems. 2007 , 111, 998-1006	31

1309	Photophysics of a Butadiyne-Linked Porphyrin Dimer: Influence of Conformational Flexibility in the Ground and First Singlet Excited State. 2007 , 111, 7192-7199	131
1308	Exciton fission and fusion in bis(tetracene) molecules with different covalent linker structures. 2007 , 129, 14240-50	202
1307	Heavy Metal Ion Sensing by N-(4-Styrylphenyl)iminodiacetic Acid Probe/Cyclodextrin Complexes in Water. 2007 , 18, 410-415	
1306	The self-ordering properties of novel phthalocyanines with out-of-plane alkyl substituents. 2007 , 13, 228-34	24
1305	Synthesis, structures, and properties of meso-phosphorylporphyrins: self-organization through P-oxo-zinc coordination. 2007 , 13, 891-901	65
1304	Photoluminescence and conductivity of self-assembled pi-pi stacks of perylene bisimide dyes. 2007 , 13, 436-49	517
1303	Effect of core twisting on self-assembly and optical properties of perylene bisimide dyes in solution and columnar liquid crystalline phases. 2007 , 13, 450-65	325
1302	Giant porphyrin disks: control of their self-assembly at liquid-solid interfaces through metal-ligand interactions. 2007 , 13, 7948-56	31
1301	Functional organogel based on a salicylideneaniline derivative with enhanced fluorescence emission and photochromism. 2007 , 13, 8231-9	177
1300	Structure-fluorescence contrast relationship in cyanine DNA intercalators: toward rational dye design. 2007 , 13, 8600-9	41
1299	Aggregation behavior of tetraenoic fatty acids in aqueous solution. 2007 , 46, 1333-6	8
1298	Supramolecular construction of fluorescent J-aggregates based on hydrogen-bonded perylene dyes. 2007 , 46, 5541-4	403
1297	Gelation-assisted control over excitonic interaction in merocyanine supramolecular assemblies. 2007 , 46, 8005-9	73
1296	Aggregation Behavior of Tetraenoic Fatty Acids in Aqueous Solution. 2007 , 119, 1355-1358	4
1295	Supramolecular Construction of Fluorescent J-Aggregates Based on Hydrogen-Bonded Perylene Dyes. 2007 , 119, 5637-5640	123
1294	Gelation-Assisted Control over Excitonic Interaction in Merocyanine Supramolecular Assemblies. 2007 , 119, 8151-8155	29
1293	Assembly and Photoinduced Organization of Mono- and Oligopeptide Molecules Containing an Azobenzene Moiety. 2007 , 17, 1507-1514	48
1292	meso,meso-Linked and Triply Fused Diporphyrins with Mixed-Metal Ions: Synthesis and Electrochemical Investigations. 2007 , 2007, 4659-4673	32

1291	Power-law blinking in the fluorescence of single organic molecules. 2007 , 8, 823-33	84
1290	Formation and Photoresponsive Properties of Giant Microvesicles Assembled from Azobenzene-Containing Amphiphilic Diblock Copolymers. 2007 , 208, 955-963	42
1289	Synthesis of three-dimensionally arranged porphyrin arrays via intramolecular meso-meso coupling. 2007 , 63, 7916-7925	6
1288	Photophysics and applications in biosensor for 4'-N,N-dimethylamino-2-trans-styryl-(6-chloroquinoline). 2007 , 444, 71-75	10
1287	Heteroleptic phthalocyaninato-[tetra(15-crown-5)phthalocyaninato] lanthanides(III) double-deckers: Synthesis and cation-induced supramolecular dimerisation. 2007 , 360, 122-130	46
1286	Sphere to disk transformation of micro-particle composed of azobenzene-containing amphiphilic diblock copolymers under irradiation at 436nm. 2007 , 43, 657-662	28
1285	Optical microscopy study of zeolite-dye composite materials. 2007 , 101, 10-18	31
1284	Interaction of porphyrins with PAMAM dendrimers in aqueous solution. 2007 , 131-132, 200-205	20
1283	Synthesis and characterization of new mesomorphic octakis(alkylthio)-substituted lead phthalocyanines and their films. 2007 , 26, 5045-5052	18
1282	Resolution of the excitation-emission spectra of FMN in rigid poly(vinyl alcohol) matrices. 2007 , 86, 193-8	8
1281	Photophysical and photochemical studies of long chain-substituted zinc phthalocyanines. 2007 , 186, 323-329	48
1280	Aggregation and photoresponsive behavior of azobenzene- β -ligomethylene- β -glucopyranoside bolaamphiphiles. 2007 , 189, 405-413	18
1279	Photoresponse and anisotropy of rhodamine dye intercalated in ordered clay layered films. 2007 , 8, 85-108	117
1278	Self-aggregates formation of 3,4,9,10-tetra-(n-alkoxy-carbonyl)-perylene in Langmuir-Blodgett films. 2007 , 126, 323-332	12
1277	Electronic absorption spectra of cresyl violet acetate in anisotropic and isotropic solvents. 2007 , 66, 717-25	23
1276	Self-assembled single- and double-stack π -aggregates of chlorophyll derivatives on highly ordered pyrolytic graphite. 2007 , 3, 1007-14	58
1275	Photophysical properties of 4-methyl 3-phenyl coumarin organized in Langmuir-Blodgett films: Formation of aggregates. 2007 , 104, 88-92	8
1274	Synthesis and aggregation behavior of meso-sulfinylporphyrins: evaluation of S-chirality effects on the self-organization to S-oxo-tethered cofacial porphyrin dimers. 2007 , 2, 1417-29	21

1273	Axial-bonding heterotrimers based on tetrapyrrolic rings: synthesis, characterization, and redox and photophysical properties. 2007 , 2, 1574-80	25
1272	Interaction of plasmon and molecular resonances for rhodamine 6G adsorbed on silver nanoparticles. 2007 , 129, 7647-56	258
1271	Effects of axial ligands on the intercalation of tetraphenylporphyrinatoantimony(V) into smectite clay layers. 2007 , 33, 169-175	1
1270	The Effect of pH on the Photophysics and Photochemistry of Di-sulphonated Aluminum Phthalocyanine. 2007 , 71, 397-404	3
1269	Protonation of Tetrasulfonated Zinc Phthalocyanine in Aqueous Acetonitrile Solution¶. 2007 , 74, 566-569	1
1268	Self-association of Disulfonated Deuteroporphyrin and its Esters in Aqueous Solution and Photosensitized Production of Singlet Oxygen by the Dimers¶. 2007 , 75, 229-236	1
1267	Spectral fluorescence and polarization characteristics of Z,Z-bilirubin IXβ 2007 , 74, 120-132	13
1266	Dimerization and Coordination Properties of Zinc(II)tetra-4-alkoxybenzoyloxiphthalocyanine in Relation to DABCO in o-Xylene and Chloroform. 2007 , 36, 793-801	16
1265	Progress on the optoelectronic functional organic crystals. 2007 , 50, 433-452	18
1264	Linear and third-order nonlinear optical properties for the heptamethine cyanine chromophore H-aggregates thin film. 2007 , 52, 1897-1901	3
1263	Spectral properties of some fluorescent dyes in two-dimensional films formed by means of LangmuirBlodgett technique. 2007 , 74, 598-607	15
1262	Wave-packet dynamics in molecular dimers. 2007 , 338, 143-149	6
1261	Charge transfer in fullerene C ₆₀ porphyrin-derived dyads studied with light-induced electron spin resonance. 2007 , 336, 165-170	12
1260	Spectral characterization of thin films of vanadyl hexadecafluorophthalocyanine VOPcF ₁₆ . 2008 , 602, 2368-2372	12
1259	Radius of energy transfer as an indicator of the interaction of aromatic amines with an olefin. 2008 , 57, 257-262	2
1258	Influence of temperature and ethanol content on aggregation of rhodamine 6G molecules in aqueous ethanol solutions. 2008 , 75, 653-657	9
1257	Change in aggregation state of a porphyrin-erylene-diimide dyad induced by trifluoroacetic acid. 2008 , 53, 209-214	3
1256	Synthesis of porphyrin-embedded dendronized polymers by Suzuki polycondensation. 2008 , 46, 4030-4037	14

1255	BF ₂ -Chelate Complexes of 6-(4-Iodophenyl)-2,3,4,8,9,10-hexamethyldipyrrin and 2-(4-Iodobenzoyl)-3,4,5-trimethylpyrrole: Fluorescent Dyes with a Chemical Anchor Group. 2008 , 634, 1555-1559	13
1254	Low-Band Gap Polymeric Cyanine Dyes Absorbing in the NIR Region. 2008 , 29, 651-658	33
1253	Synthesis of nanometer-scale porphyrin wheels of variable size. 2008 , 14, 582-95	43
1252	A general method for constructing optically active supramolecular assemblies from intrinsically achiral water-insoluble free-base porphyrins. 2008 , 14, 1793-803	69
1251	Electroactive nanorods and nanorings designed by supramolecular association of pi-conjugated oligomers. 2008 , 14, 4201-13	24
1250	Light-harvesting supramolecular porphyrin macrocycle accommodating a fullerene-tripodal ligand. 2008 , 14, 2827-41	55
1249	Supramolecular polymerization and polymorphs of oligo(p-phenylene vinylene)-functionalized bis- and monoureas. 2008 , 14, 5246-57	60
1248	Bis(BF ₂)-2,2'-bidipyrins (BisBODIPYs): highly fluorescent BODIPY dimers with large stokes shifts. 2008 , 14, 2976-83	210
1247	Cyclophanes of perylene tetracarboxylic diimide with different substituents at bay positions. 2008 , 14, 7000-10	66
1246	Strength enhancement of nanostructured organogels through inclusion of phthalocyanine-containing complementary organogelator structures and in situ cross-linking by click chemistry. 2008 , 14, 9261-73	58
1245	Highly fluorescent lyotropic mesophases and organogels based on J-aggregates of core-twisted perylene bisimide dyes. 2008 , 14, 8074-8	158
1244	Switchable nanoassemblies from macroions and multivalent dye counterions. 2008 , 14, 9112-6	62
1243	Functional Porphyrinoids from a Biomimetically Decorated Bipyrrrole. 2008 , 2008, 5505-5512	22
1242	Self-Assembled Azaphthalocyanine Dimers with Higher Fluorescence and Singlet Oxygen Quantum Yields than the Corresponding Monomers. 2008 , 2008, 3260-3263	35
1241	Transformation from H- to J-aggregated perylene bisimide dyes by complexation with cyanurates. 2008 , 47, 3367-71	255
1240	Controllable nanonet assembly utilizing a pressure-difference method based on anodic aluminum oxide templates. 2008 , 47, 8905-8	11
1239	Controlled self-assembly manipulated by charge-transfer interactions: from tubes to vesicles. 2008 , 47, 9049-52	188
1238	Effects of Arylene Diimide Thin Film Growth Conditions on n-Channel OFET Performance. 2008 , 18, 1329-1339	191

1237	Intermolecular Interactions of Perylene diimides in Photovoltaic Blends of Fluorene Copolymers: Disorder Effects on Photophysical Properties, Film Morphology and Device Efficiency. 2008 , 18, 3189-3202	83
1236	Evolution of Self-Assembled Structures of Polymer-Terminated Gold Nanorods in Selective Solvents. 2008 , 20, 4318-4322	114
1235	A Black Perylene Bisimide Super Gelator with an Unexpected J-Type Absorption Band. 2008 , 20, 1695-1698	161
1234	Columnar Mesophases with 3D Order from New Functional Nonconventional Star-Shaped Mesogens. 2008 , 20, 4414-4418	49
1233	Transformation from H- to J-Aggregated Perylene Bisimide Dyes by Complexation with Cyanurates. 2008 , 120, 3415-3419	55
1232	Controllable Nanonet Assembly Utilizing a Pressure-Difference Method Based on Anodic Aluminum Oxide Templates. 2008 , 120, 9037-9040	2
1231	Controlled Self-Assembly Manipulated by Charge-Transfer Interactions: From Tubes to Vesicles. 2008 , 120, 9189-9192	65
1230	Study of assembly of arachidic acid/LDHs hybrid films containing photoactive dyes. 2008 , 318, 337-47	29
1229	H-aggregation of cationic palladium-porphyrin as a function of anionic surfactant studied using phosphorescence, absorption and RLS spectra. 2008 , 70, 871-7	20
1228	Studies on the effects of metal ions and counter anions on the aggregate behaviors of meso-tetrakis(p-sulfonatophenyl)porphyrin by absorption and fluorescence spectroscopy. 2008 , 71, 153-60	22
1227	J-type aggregation of a simple merocyanine skeleton: Spectral features and structure of 4-amino-6-oxopyrimidine. 2008 , 194, 92-96	8
1226	Direct measurements of the electric-field-induced change in fluorescence decay profile of a methylene-linked compound of pyrene. 2008 , 196, 227-232	2
1225	Photophysical characterizations of 2-(4-biphenyl)-5 phenyl-1,3,4-oxadiazole in restricted geometry. 2008 , 128, 41-50	14
1224	Absorption, luminescence, and Raman spectroscopic properties of thin films of benzo-annelated metal-free porphyrazines. 2008 , 128, 661-672	24
1223	Molecular aggregation in Langmuir-Blodgett films of azo dye/liquid crystal mixtures. 2008 , 77, 303-314	21
1222	On the inversion of geometric parameters from absorption and circular dichroism spectroscopy of molecular dimers. 2008 , 467, 186-190	10
1221	Organization of polyene antibiotic amphotericin B at the argon-water interface. 2008 , 137, 110-5	18
1220	Synthesis, electrochemical, and spectroscopic properties of soluble perylene monoimide diesters. 2008 , 64, 5404-5409	28

1219	One-dimensional porphyrin H-aggregates induced by solvent polarity. 2008 , 49, 7050-7053	27
1218	Aggregates formation by perylene-like dyes in LangmuirBlodgett films. 2008 , 516, 8834-8838	13
1217	Time-dependent density functional study of excimers and exciplexes of organic molecules. 2008 , 343, 362-371	67
1216	Absorption and emission spectroscopy of molecular trimers: Cyclic versus linear geometries. 2008 , 347, 120-126	18
1215	Investigation of liquid-crystalline behaviour of copper octakisalkylthiophthalocyanine and its film properties. 2008 , 28, 303-308	17
1214	Electronic and vibrational analysis of porphyrazine liquid-crystalline structure: Toward photochemical phase switching. 2008 , 361, 1177-1186	5
1213	Concentration effect on the absorption spectra of oxazine1 and methylene blue in aqueous and alcoholic solutions. 2008 , 138, 100-106	62
1212	Photo-physical behavior of thiazine dyes with or without surfactants into poly-HEMA hydrophilic gel matrix. 2008 , 143, 81-88	18
1211	Spectral and thermodynamic characterization of bacteriochlorophyll c and dipalmitoylphosphatidylcholine in the binary mixed monolayers. 2008 , 887, 128-134	1
1210	Intermolecular interactions in Langmuir-Blodgett films of liquid crystalline perylene derivatives. 2008 , 16,	14
1209	Investigation of structural features of hexadecafluorinated copper and zinc phthalocyanine films. 2008 , 2, 423-428	3
1208	A study of the spectral and luminescence manifestations of the aggregation of thymine chromophores in polythymidylic acid aqueous solutions at room temperature in the context of photochemical information recording using thymine. 2008 , 53, 336-340	3
1207	. 2008 , 14, 1418-1429	30
1206	Syntheses and Properties of Cyanine and Related Dyes. 2008 , 441-587	12
1205	Intramolecular hydrogen bonding and anion binding of N-benzamido-N'-benzoylthioureas. 2008 , 73, 1124-7	39
1204	Perylene bisimide J-aggregates with absorption maxima in the NIR. 2008 , 1181-3	67
1203	A meso-meso directly linked octameric porphyrin square. 2008 , 4067-9	21
1202	Harvesting Infrared Photons with Croconate Dyes. 2008 , 20, 265-272	37

1201	Morphology controlled self-assembled nanostructures of sandwich mixed (phthalocyaninato)(porphyrinato) europium triple-deckers. Effect of hydrogen bonding on tuning the intermolecular interaction. 2008 , 130, 11623-30	140
1200	Electrical and Optical Properties of Porphyrin Single Crystals. 2008 , 47, 955-966	11
1199	Supramolecular porphyrin polymers in solution and at the solid-liquid interface. 2008 , 8, 253-9	83
1198	Morphology-controlled self-assembled nanostructures of 5,15-di[4-(5-acetylsulfanylpentyloxy)phenyl]porphyrin derivatives. Effect of metal-ligand coordination bonding on tuning the intermolecular interaction. 2008 , 130, 17044-52	139
1197	Exciton trapping in pi-conjugated materials: a quantum-chemistry-based protocol applied to perylene bisimide dye aggregates. 2008 , 130, 12858-9	258
1196	Photoinduced Electron Transfer in LangmuirBlodgett Monolayers of Double-Linked PhthalocyanineBullerene Dyads. 2008 , 112, 9896-9902	32
1195	Effect of molecular interactions on the photophysics of Rose Bengal in polyelectrolyte solutions and self-assembled thin films. 2008 , 112, 12201-7	12
1194	Unexpectedly similar charge transfer rates through benzo-annulated bicyclo[2.2.2]octanes. 2008 , 130, 7659-69	51
1193	Dynamics of excited-state conformational relaxation and electronic delocalization in conjugated porphyrin oligomers. 2008 , 130, 10171-8	84
1192	Solid State Optical Properties of 4-Alkoxy-pyridine Butadiene Derivatives: Reversible Thermal Switching of Luminescence. 2008 , 112, 8429-8437	97
1191	Molecular Packing and Solid-State Fluorescence of Alkoxy-Cyano Substituted Diphenylbutadienes: Structure of the Luminescent Aggregates. 2008 , 112, 2137-2146	150
1190	Dipalmitoylphosphatidylcholine membranes modified with carotenoid pigment lutein: experiment versus Monte Carlo simulation study of the membrane organization. 2008 , 1778, 2105-18	8
1189	Insight into the mechanisms of cooperative self-assembly: the "sergeants-and-soldiers" principle of chiral and achiral C3-symmetrical discotic triamides. 2008 , 130, 606-11	429
1188	Substituent effects of porphyrins on structures and photophysical properties of amphiphilic porphyrin aggregates. 2008 , 112, 16517-24	60
1187	J-aggregates of diprotonated tetrakis(4-sulfonatophenyl)porphyrin induced by ionic liquid 1-butyl-3-methylimidazolium tetrafluoroborate. 2008 , 112, 8134-8	50
1186	Symmetry-dependent solvation of donor-substituted triarylboranes. 2008 , 10, 6245-51	44
1185	Star-shaped oligobenzoates with a naphthalene chromophore as potential semiconducting liquid crystal materials?. 2008 , 18, 2995	35
1184	Brightly shining nanoparticles: lipophilic perylene bisimides in aqueous phase. 2008 , 32, 21-23	15

1183	Dis-aggregation of an insoluble porphyrin in a calixarene matrix: characterization of aggregate modes by extended dipole model. 2008 , 10, 1569-76	18
1182	An application of AAO template: orderly assembled organic molecules for surface-enhanced Raman scattering. 2008 , 18, 133-138	27
1181	Excited singlet states of covalently bound, cofacial dimers and trimers of perylene-3,4:9,10-bis(dicarboximide)s. 2008 , 112, 2322-30	207
1180	Reversible Switching between Molecular and Charge Transfer Phases in a Liquid Crystalline Organic Semiconductor. 2008 , 20, 5235-5239	36
1179	Interfacial assembly of an achiral zinc phthalocyanine at the air/water interface: a surface pressure dependent aggregation and supramolecular chirality. 2008 , 24, 7200-7	34
1178	A Layered Red-Emitting Chromophoric Organic Salt. 2008 , 8, 3004-3009	11
1177	Molecular Orientation and Fluorescence Studies on Naphthalene Acetate Intercalated Zn ₂ Al Layered Double Hydroxide. 2008 , 112, 19886-19895	29
1176	Functionalized Picolinium Quinodimethane Chromophores for Electro-Optics: Synthesis, Aggregation Behavior, and Nonlinear Optical Properties. 2008 , 20, 7465-7473	18
1175	Phosphorescent platinum acetylide organogelators. 2008 , 130, 2535-45	145
1174	Ground- and Excited-State Pinched Cone Equilibria in Calix[4]arenes Bearing Two Perylene Bisimide Dyes. 2008 , 112, 14626-14638	72
1173	Triplet formation involving a polar transition state in a well-defined intramolecular perylenediimide dimeric aggregate. 2008 , 112, 5846-57	95
1172	Three orthogonal chromophores operating independently within the same molecule. 2008 , 73, 1113-6	35
1171	Two-Photon Enhancement in Organic Nanorods 2008 , 112, 7913-7921	15
1170	Reply to Comment on Highly Fluorescent Rhodamine B Nanoparticles Entrapped in Hybrid Glasses 2008 , 24, 2258-2259	
1169	Copolymers of Polyethylene and Perylenediimides through Ring-Opening Metathesis Polymerization. 2008 , 41, 1094-1103	17
1168	Intramolecular energy transfer within butadiyne-linked chlorophyll and porphyrin dimer-faced, self-assembled prisms. 2008 , 130, 4277-84	112
1167	Theoretical investigation of perylene dimers and excimers and their signatures in X-ray diffraction. 2008 , 112, 8179-87	15
1166	Ultrafast photoinduced charge separation in naphthalene diimide based multichromophoric systems in liquid solutions and in a lipid membrane. 2008 , 112, 8912-22	54

1165	Tetrastyrilarene Derivatives: Comparison of One- and Two-Photon Spectroscopic Properties with Distyrylarene Analogues 2008 , 112, 8061-8071	36
1164	A study of the structural effects on the liquid-crystalline properties of ionic perylenebis(dicarboximide)s using UV-Vis spectroscopy, polarized light microscopy, and NMR spectroscopy. 2008 , 24, 2133-9	28
1163	Challenges in distinguishing superexchange and hopping mechanisms of intramolecular charge transfer through fluorene oligomers. 2008 , 112, 4410-4	35
1162	Strongly coupled excitonic states in H-aggregated single crystalline nanoparticles of 2,5-bis(4-methoxybenzylidene) cyclopentanone. 2008 , 112, 2837-41	24
1161	Controlling Supramolecular Microstructure to Realize Highly Efficient Nondoped Deep Blue Organic Light-Emitting Devices: The Role of Diphenyl Substituents in Distyrylbenzene Derivatives. 2008 , 112, 9066-9071	52
1160	Enhanced intersystem crossing via a high energy charge transfer state in a perylenediimide-perylenemonoimide dyad. 2008 , 112, 8617-32	59
1159	Spectroscopic studies of aggregation behavior of meso-tetra(4-hydroxyphenyl)porphyrin in aqueous AOT solution. 2008 , 12, 101-108	4
1158	AGGREGATION OF P-TERPHENYL ALONG WITH PMMA/SA AT THE LANGMUIR AND LANGMUIRBLODGETT FILMS. 2008 , 15, 459-467	5
1157	Rotationally resolved studies of S0 and the exciton coupled S1/S2 origin regions of diphenylmethane and the d(12) isotopologue. 2008 , 129, 224305	28
1156	Resonance Raman Spectroscopy of Erythrocytes. 2008 ,	0
1155	Structural Effect of Amphiphilic Crown Ether Azoprobes on Alkali Metal Ion Recognition and Aggregation Behavior in Water. 2008 , 81, 1589-1594	7
1154	Solvent-Mediated Phase Transformation from J-aggregates of Thiocarbocyanine to H-aggregates. 2008 , 81, 1282-1284	9
1153	Excited State Relaxation Processes of Naphthalocyanatovanadium(IV) oxide in Polymer Films for Ultrafast All-optical Modulation in the Near-infrared Region. 2008 , 37, 426-427	3
1152	Two-photon absorption in cross-shaped chromophores with phenylene-vinylene backbones. 2008 ,	
1151	Chemosensor of NO2 gas based on porphyrin of 5, 10, 15, 20-tetraphenylporphyrin LB films and LS films. 2008 , 11, 477-482	9
1150	Chiroptical Properties of Compounds Containing C=O Groups. 2009 ,	
1149	The effects of oxygen concentration and light intensity on the photostability of zwitterionic chromophores. 2009 , 105, 113123	8
1148	Instrument response standard in time-resolved fluorescence. 2009 , 80, 033109	34

- ¹¹⁴⁷ Effects of nematic liquid crystals host on the molecular aggregation of Rhodamine 6G laser dye. **2009**,
- ¹¹⁴⁶ Energy transfer in non-covalent porphyrin assemblies: through-space or through-bond?. **2009**, 13, 1069-1081 13
- ¹¹⁴⁵ Probing the geometry dependence of molecular dimers with two-dimensional-vibronic spectroscopy. **2009**, 130, 134318 28
- ¹¹⁴⁴ Memory effects in thin film organic transistor characteristics. **2009**, 42, 125103 9
- ¹¹⁴³ Effect of surfactant C12TMA molecules on the self-association of R6G dye in thin films of laponite clay. **2009**, 116, 550-556 21
- ¹¹⁴² Does the edge-to-face interaction between aromatic rings occur in cyclolipoptide A analogues?. **1994**, 44, 61-9 11
- ¹¹⁴¹ Preferential pathways for light-trapping involving beta-ligated chlorophylls. **2009**, 1787, 1254-65 23
- ¹¹⁴⁰ 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
- ¹¹³⁹ Azeotropic Binary Solvent Mixtures for Preparation of Organic Single Crystals. **2009**, 19, 3610-3617 48
- ¹¹³⁸ Thermally Induced Reversible Phase Transformations Accompanied by Emission Switching Between Different Colors of Two Aromatic-Amine Compounds. **2009**, 21, 3165-3169 166
- ¹¹³⁷ Evidence for dual pathway in through-space singlet energy transfers in flexible cofacial bisporphyrin dyads. **2009**, 15, 524-35 22
- ¹¹³⁶ "Helter-skelter-like" perylene polyisocyanopeptides. **2009**, 15, 2536-47 62
- ¹¹³⁵ Optical response sensitive to the assembly in a molecular material: ultrathin film with a vanishing electronic absorption. **2009**, 15, 2801-9 9
- ¹¹³⁴ Self-assembly of bis(merocyanine) tweezers into discrete bimolecular pi-stacks. **2009**, 15, 3691-705 50
- ¹¹³³ Coherently aligned porphyrin-appended polynorbornenes. **2009**, 15, 5719-28 24
- ¹¹³² A waterwheel-shaped meso-meso-linked porphyrin pentamer. **2009**, 15, 4534-7 11
- ¹¹³¹ Synthesis, structure, photoluminescence and photoreactivity of 2,3-diphenyl-4-neopentyl-1-silacyclobut-2-enes. **2009**, 15, 8625-45 11
- ¹¹³⁰ Interconvertible oligothiophene nanorods and nanotapes with high charge-carrier mobilities. **2009**, 15, 9320-4 56

1129	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
1128	DCDHF fluorophores for single-molecule imaging in cells. 2009 , 10, 55-65	84
1127	Photophysics of new water-soluble terrylenediimide derivatives and applications in biology. 2009 , 10, 180-90	41
1126	Host-assisted guest self-assembly: enhancement of the dimerization of pyronines Y and B by gamma-cyclodextrin. 2009 , 10, 931-9	15
1125	Synthesis, Characterization and OFET Properties of Amphiphilic Mixed (Phthalocyaninato)(porphyrinato)europium(III) Complexes. 2009 , 2009, 954-960	33
1124	Trimeric Cyclic Assemblies of Calix[4]arene-Tethered Bismecrocyanines. 2009 , 121, 6281-6284	6
1123	Trimeric cyclic assemblies of calix[4]arene-tethered bismecrocyanines. 2009 , 48, 6165-8	17
1122	Chirooptical and photooptical properties of a novel side-chain azobenzene-containing LC polymer. 2009 , 140, 789-799	17
1121	Electronic absorption and fluorescence of new tetrafluoro-pentenyl-perylene in isotropic solvents, liquid crystal layers, and LB films. 2009 , 929, 79-84	17
1120	Spectral studies of zinc octacarboxyphthalocyanine aggregation. 2009 , 80, 239-244	26
1119	Surface-enhanced Raman scattering: realization of localized surface plasmon resonance using unique substrates and methods. 2009 , 394, 1747-60	83
1118	In situ measurements of emission transition dipole moment of individual ordered microdomain of diprotonated tetraphenylporphine aggregate formed at dodecane/aqueous H ₂ SO ₄ interface. 2009 , 395, 1047-53	5
1117	Measuring the optical chirality of molecular aggregates at liquid-liquid interfaces. 2009 , 395, 1033-46	8
1116	A solvatochromic study of silicates and borate containing 4-nitrocatechol ligands. 2009 , 22, 203-211	7
1115	A method for site-specific labeling of multiple protein thiols. 2009 , 18, 1033-41	15
1114	Clay-catalyzed phenomena of cationic-dye aggregation and hydroxo-chromium oligomerization. 2009 , 122, 13-19	8
1113	Investigation of gas-sensing properties of copper phthalocyanine films. 2009 , 29, 814-818	20
1112	Synthesis, spectral properties and supramolecular dimerisation of heteroleptic triple-decker phthalocyaninato complexes with one outer crown-substituted ligand. 2009 , 362, 11-18	31

1111	Electronic property of Group IV phthalocyanine dimers: SiPcMPc. 2009 , 362, 2027-2032	4
1110	Synthesis of unsymmetrical benzoporphyrazines in functional ionic liquids and formation of self-aggregates of zinc(II) pyridino[3,4]tribenzoporphyrazines in solutions. 2009 , 65, 2518-2524	13
1109	An efficient route to VEGF-like peptide porphyrin conjugates via microwave-assisted click-chemistry 2009 , 65, 7385-7392	29
1108	Erbium bisphthalocyanine nanowires by electrophoretic deposition: Morphology control and optical properties. 2009 , 517, 2099-2105	8
1107	Phthalocyanine films as active layers of optical sensors for pentachlorophenol detection. 2009 , 139, 557-562	33
1106	Interaction of Langmuir-Blodgett and spin-coated films of carbido-bridged ironphthalocyanine with NO ₂ : Optical and conductimetric behaviour. 2009 , 142, 159-165	14
1105	Structurally tailored thiophene-based hybrid materials for thin-film and single-crystal transistors: Synthesis, photophysics and carrier-transport properties. 2009 , 10, 910-917	7
1104	Photocatalytic self-assembled solid porphyrin microcrystals from water-soluble porphyrins: Synthesis, characterization and application. 2009 , 28, 113-120	15
1103	Electrostatic self-assembly of quaternized 2,(3)-tetra(oxo-pyridine) phthalocyaninato chloroindium(III) with a series of tetrasulfonated phthalocyanines. 2009 , 28, 3621-3627	15
1102	Indane-1,3-dione and cholesterol containing butadiene derivatives: Photoresponsive liquid crystalline glasses for imaging applications. 2009 , 207, 73-78	10
1101	Arylene-ethynylene/arylene-vinylene copolymers: Synthesis and structure-property relationships. 2009 , 34, 1023-1067	62
1100	Effects of surfactants on the molecular aggregation of rhodamine dyes in aqueous solutions. 2009 , 72, 697-702	63
1099	Spectroscopic study of fluorescent naphthoylenebenzimidazole derivatives in Langmuir-Blodgett films: self-aggregates formation. 2009 , 73, 668-75	5
1098	Triplet behavior in weakly coupled chromophors in covalent pyridyl porphyrin-polymer systems. 2009 , 74, 148-53	2
1097	The synthesis and characterization of Cu(II) phthalocyanine bearing peripheral monoazacrown ethers and a spectral investigation of its film forming character. 2009 , 80, 67-72	15
1096	Solid state tautomerism in 2-((phenylimino)methyl)naphthalene-1-ol. 2009 , 83, 121-126	10
1095	Photocontrol of supramolecular architecture in azopolymers: Achiral and chiral aggregation. 2009 , 45, 2564-2571	18
1094	Aromatic interaction vs. hydrogen bonding in self-assembly at the liquid-solid interface. 2009 , 680-2	61

1093	Characterization of thermally evaporated thin films of Rhodamine 6G. 2009 , 18, 125012	6
1092	Toward an n-type molecular wire: electron hopping within linearly linked perylenediimide oligomers. 2009 , 131, 8952-7	90
1091	Photorefractive polymer composites based on ruthenium (II) tetra-15-crown-5-phthalocyanate axially coordinating ethylisonicotinate molecules photosensitive in telecommunication range. 2009 , 45, 535-542	8
1090	Molecular organization and aggregation in Langmuir and Langmuir-Blodgett films of azo dye/liquid crystal mixtures. 2009 , 17,	8
1089	Directed Organization of Dye Aggregates in Hydrogen-Bonded Host Frameworks. 2009 , 9, 3803-3815	35
1088	Incorporation and thermal evolution of rhodamine 6G dye molecules adsorbed in porous columnar optical SiO ₂ thin films. 2009 , 25, 9140-8	28
1087	Aggregation Effects on the Emission Spectra and Dynamics of Model Oligomers of MEH-PPV. 2009 , 113, 18851-18862	67
1086	Choice of the end functional groups in tri(p-phenylenevinylene) derivatives controls its physical gelation abilities. 2009 , 25, 8567-78	64
1085	Acidification and assembly of porphyrin at an interface: counterion matching, selectivity, and supramolecular chirality. 2009 , 1, 2036-43	37
1084	Understanding ground- and excited-state properties of perylene tetracarboxylic acid bisimide crystals by means of quantum chemical computations. 2009 , 131, 15660-8	94
1083	Correlation between Solid-State Photophysical Properties and Molecular Packing in a Series of Indane-1,3-dione Containing Butadiene Derivatives 2009 , 113, 11927-11935	69
1082	Structural factors determining photophysical properties of directly linked zinc(II) porphyrin dimers: linking position, dihedral angle, and linkage length. 2009 , 113, 10619-27	35
1081	Excited state localization and delocalization of internal charge transfer in branched push-pull chromophores studied by single-molecule spectroscopy. 2009 , 131, 5742-3	26
1080	Self-Assembled Organic Functional Nanotubes and Nanorods and Their Sensory Properties. 2009 , 113, 3929-3933	59
1079	Volatile Phthalocyanines: Vapor Pressure and Thermodynamics. 2009 , 34, 180-189	12
1078	Monodisperse co-oligomer approach toward nanostructured films with alternating donor-acceptor lamellae. 2009 , 131, 13242-3	156
1077	Porphyrin arrays responsive to additives. Fluorescence tuning. 2009 , 131, 11719-26	21
1076	Förster Energy Transfer and Davydov Splittings in Time-Dependent Density Functional Theory: Lessons from 2-Pyridone Dimer. 2009 , 5, 873-80	30

1075	Effect of Interface on the Orientation of the Liquid Crystalline Nickel Phthalocyanine Films. 2009 , 113, 19251-19257	24
1074	Comment on "Theoretical investigation of perylene dimers and excimers and their signatures in X-ray diffraction". 2009 , 113, 6849-50	8
1073	Aggregation-Induced Emission in the Crystals of 9,10-Distyrylanthracene Derivatives: The Essential Role of Restricted Intramolecular Torsion. 2009 , 113, 9892-9899	263
1072	Finite-Size Networks from Cylindrical Polyelectrolyte Brushes and Porphyrins. 2009 , 42, 830-840	62
1071	Characterization of multifunctional reverse micelles' interfaces using hemicyanines as molecular probes. I. Effect of the hemicyanines' structure. 2009 , 113, 4284-92	24
1070	Effect of orientation on plasmonic coupling between gold nanorods. 2009 , 3, 3670-8	156
1069	Temperature-dependent exciton dynamics in J-aggregates-when disorder plays a role. 2009 , 113, 15836-42	50
1068	A novel fluorescent probe that senses the physical state of lipid bilayers. 2009 , 96, 4631-41	15
1067	Tuning the morphology of self-assembled nanostructures of amphiphilic tetra(p-hydroxyphenyl)porphyrins with hydrogen bonding and metal-ligand coordination bonding. 2009 , 19, 2417	87
1066	Bis(BF ₂)-2,2'-bidipyrins, a class of BODIPY dyes with new spectroscopic and photophysical properties. 2009 , 33, 428-438	127
1065	Tuning microstructures in organogels: gelation and spectroscopic properties of mono- and bis-cholesterol-linked diphenylbutadiene derivatives. 2009 , 25, 8507-13	34
1064	Nanostructured thin films based on phthalocyanines: electrochromic displays and sensors. 2009 , 13, 606-615	60
1063	An efficient PIFA-mediated synthesis of fused diporphyrin and triply-singly interlacedly linked porphyrin array. 2009 , 11, 5266-9	47
1062	Self-organizing functional materials via ionic self assembly: porphyrins H- and J-aggregates on synthetic chrysotile nanotubes. 2009 , 131, 6920-1	56
1061	Unusual interchromophoric interactions in beta,beta' directly and doubly linked corrole dimers: prohibited electronic communication and abnormal singlet ground states. 2009 , 131, 6412-20	74
1060	Excited-state relaxation process of free-base and oxovanadium naphthalocyanine in near-infrared region. 2009 , 113, 5458-63	15
1059	New Hindered BODIPY Derivatives: Solution and Amorphous State Fluorescence Properties 2009 , 113, 11844-11855	82
1058	Fluorescent J-aggregates of core-substituted perylene bisimides: studies on structure-property relationship, nucleation-elongation mechanism, and sergeants-and-soldiers principle. 2009 , 131, 6719-32	292

1057	Design, synthesis, characterization, and OFET properties of amphiphilic heteroleptic tris(phthalocyaninato) europium(III) complexes. The effect of crown ether hydrophilic substituents. 2009 , 48, 45-54	59
1056	Structure and thermodynamics of ionic dendrimer-dye assemblies. 2009 , 113, 3339-54	68
1055	Self-assembly of amphiphilic fluorescent dyes showing aggregate-induced enhanced emission: temperature dependence of molecular alignment and intermolecular interaction in aqueous environment. 2009 , 5832-4	35
1054	Synthesis of meso-polyphosphorylporphyrins and example of self-assembling. 2009 , 11, 3842-5	46
1053	Anthracene-Arrangement-Dependent Emissions of Crystals of 9-Anthrylpyrazole Derivatives. 2009 , 9, 5069-5076	92
1052	Polymeric ladderphanes. 2009 , 131, 12579-85	65
1051	Excited States and Energy Transfer in G-Quadruplexes 2009 , 113, 11760-11765	40
1050	Structure and dynamics correlations of photoinduced charge separation in rigid conjugated linear donor-acceptor dyads towards photovoltaic applications. 2009 , 33, 1497	22
1049	Influence of the molecular structure of thermotropic liquid crystals on their ability to form monolayers at interface. 2009 , 36, 197-208	17
1048	Selective glucose recognition by boronic acid azoprobe/gamma-cyclodextrin complexes in water. 2009 , 1709-11	63
1047	Azoic dye hosted in layered double hydroxide: physicochemical characterization of the intercalated materials. 2009 , 25, 10980-6	55
1046	Excited-state dynamics of hybrid multichromophoric systems: toward an excitation wavelength control of the charge separation pathways. 2009 , 113, 8202-12	71
1045	Merocyanine dyes: synthesis, structure, properties and applications. 2009 , 78, 141-164	166
1044	Self-assembly strategies for integrating light harvesting and charge separation in artificial photosynthetic systems. 2009 , 42, 1910-21	1094
1043	Discrete cyclic porphyrin arrays as artificial light-harvesting antenna. 2009 , 42, 1922-34	466
1042	Helical fibrous nanostructures self-assembled from metal-free phthalocyanine with peripheral chiral menthol units. 2009 , 10, 2725-32	25
1041	Carotenoids in Lipid Membranes. 2009 , 19-30	6
1040	Synthesis and Photophysical Properties of N-Arylcarbazolophanes. 2009 , 82, 860-869	5

1039	Identification of Thiocyanine J-aggregates Adsorbed on Single Silver Nanoaggregates by Surface-Enhanced Raman Scattering and Emission Spectroscopy. 2009 , 82, 1126-1132	13
1038	Synthesis and Photophysical Properties of Tris-bridged [3.3.n](3,6,9)Carbazolophanes. 2009 , 38, 140-141	6
1037	Excited state, charge transfer, and spin dynamics in DNA hairpin conjugates with perylenediimide hairpin linkers. 2009 , 113, 4691-700	33
1036	Self-coordinated Phthalocyanine Nanoaggregates. 2010 , 39, 946-947	1
1035	X-ray Crystallography of D149 Ethyl Ester. 2010 , 83, 709-711	12
1034	Spectral properties of naphthalimide dyes mixed with 4-heptyl-4'-cyanobiphenyl (7CB) in Langmuir-Blodgett films. 2010 , 18,	5
1033	Energy transfer and Förster dipole coupling approximation investigated in a real-time Kohn-Sham scheme. 2010 , 82,	15
1032	Vesicle formation from an amphiphilic porphyrin derivative at the air-water interface. 2010 , 5, 352-8	10
1031	Ultrafast exciton dynamics of J- and H-aggregates of the porphyrin-catechol in aqueous solution. 2010 , 114, 8327-34	54
1030	Butadiene-based photoresponsive soft materials. 2010 , 26, 1598-609	23
1029	Excitation transfer mechanism along the visible to the Near-IR in rhodamine J-heteroaggregates. 2010 , 46, 4372-4	20
1028	Plasmonic coupling in noble metal nanostructures. 2010 , 487, 153-164	688
1027	Magnesium(II) polyporphine: The first electron-conducting polymer with directly linked unsubstituted porphyrin units obtained by electrooxidation at a very low potential. 2010 , 55, 6703-6714	41
1026	Effect of polyacrylamide hydrophilic gel composition on photo-physical behavior of Oxazine 750. 2010 , 77, 164-9	6
1025	Fluorescence properties of novel 6-butyl-2,3-dicyano-7-methyl-6H-1,4-diazepine styryl dyes containing ethyleneglycol units. 2010 , 66, 9396-9400	6
1024	Gel formation and photoactive properties of azobenzene-containing polymer in liquid crystal mixture. 2010 , 288, 1375-1384	21
1023	Self-Assembly of Vesicles by a 2,6-Di(7-benzamidy)quinolin-2-yl)pyridine Derivative Tuned by an Amphiphilic Amide Chain. 2010 , 28, 1547-1552	3
1022	Interfacial molecular assemblies of metalloporphyrins with two trans or one axial ligands. 2010 , 11, 722-9	10

1021	Helical Nanostructures of an Optically Active Metal-Free Porphyrin with Four Optically Active Binaphthyl Moieties: Effect of Metal-Ligand Coordination on the Morphology. 2010 , 2010, 4000-4008	24
1020	1,4,7,10-Tetraalkyltetracenes: Tuning of Solid-State Optical Properties and Fluorescence Quantum Yields by Peripheral Modulation. 2010 , 2010, 3033-3040	33
1019	Synthesis and crystallochromy of 1,4,7,10-tetraalkyltetracenes: tuning of solid-state optical properties of tetracenes by alkyl side-chain length. 2010 , 16, 890-8	64
1018	Large porphyrin squares from the self-assembly of meso-triazole-appended L-shaped meso-meso-linked Zn(II)-triporphyrins: synthesis and efficient energy transfer. 2010 , 16, 5052-61	41
1017	Diastereodifferentiating the [2+2] photocycloaddition of ethylene to arylmenthyl cyclohexenonecarboxylates: stacking-driven enhancement of the product diastereoselectivity that is correlated with the reactant ellipticity. 2010 , 16, 7448-55	20
1016	Surprising properties of a furo-furanone. 2010 , 16, 11289-99	18
1015	Sequence, stoichiometry, and dimensionality control in porphyrin/bis-calix[4]arene self-assemblies in aqueous solution. 2010 , 16, 10439-46	26
1014	Pyrrole-bridged porphyrin nanorings. 2010 , 16, 13320-4	26
1013	Electron Hopping among Cofacially Stacked Perylenediimides Assembled by Using DNA Hairpins. 2010 , 122, 2435-2438	30
1012	Porphyrin "Lego Block" Strategy To Construct Directly meso-β Doubly Linked Porphyrin Rings. 2010 , 122, 3699-3702	17
1011	Supramolecularly Engineered Aggregation of a Dipolar Dye: Vesicular and Ribbonlike Architectures. 2010 , 122, 10186-10190	39
1010	Electron hopping among cofacially stacked perylenediimides assembled by using DNA hairpins. 2010 , 49, 2385-8	70
1009	Porphyrin "Lego block" strategy to construct directly meso-beta doubly linked porphyrin rings. 2010 , 49, 3617-20	35
1008	Supramolecularly engineered aggregation of a dipolar dye: vesicular and ribbonlike architectures. 2010 , 49, 9990-4	67
1007	Dual Responsive Block Copolymer Micelles Functionalized by NIPAM and Azobenzene. 2010 , 31, 640-4	92
1006	Molecular interaction of organic dyes in bulk and confined media. 2010 , 75, 1577-83	28
1005	Fluorescent nano particles in the aqueous phase by polymer analogous reaction of polyvinyl alcohol. 2010 , 77, 541-4	3
1004	Lamellar self-assembly of a porphyrin derivative possessing poly(ethylene oxide) methyl ether and the formation of a silica-porphyrin hybrid with tetraethoxysilane. 2010 , 348, 446-51	6

- 1003 Aggregation states of rhodamine 6G in electrospun nanofibrous films. **2010**, 341, 224-31 15
- 1002 Effect of hydrophilic gel composition on photo-physical behavior of Oxazine720. **2010**, 154, 18-22 6
- 1001 Photophysical study of a covalently linked quantum dot π - π symmetry phthalocyanine conjugate. **2010**, 212, 27-35 37
- 1000 Cryo-transmission electron microscopy reveals mesoscopic H- and J-aggregates of near infrared cyanine dyes. **2010**, 214, 16-21 24
- 999 Fluorescence self-quenching and charge transfer of a novel A-B type of silicon-bridged compound. **2010**, 214, 241-247 1
- 998 The photochemical and electrochemical properties of chiral porphyrin dimer and self-aggregate nanorods of cobalt(II) porphyrin dimer. **2010**, 363, 317-323 12
- 997 The effect of solvent on the excited vibronic states and first hyperpolarizability of push-pull merocyanines. **2010**, 32, 1237-1243 18
- 996 Water-soluble supramolecular porphyrin dimer: self-organization of mono(imidazolyl)-substituted Zn porphyrin to a special-pair type dimer in water. **2010**, 51, 2979-2982 5
- 995 The self-assembly of six-petal microflowers by hydrogen-bonded shape-persistent triangular aromatic hydrazide derivatives. **2010**, 51, 4221-4224 3
- 994 Effects of temperature on structural and morphological features of CoPc and CoPcF16 thin films. **2010**, 518, 7161-7166 24
- 993 Photovoltaic and spectroscopic studies of selected halogenated porphyrins for their application in organic solar cells. **2010**, 94, 492-500 31
- 992 Vapour pressure of tetra-tert-butyl substituted phthalocyanines. **2010**, 501, 108-111 9
- 991 Molecular J-aggregation for the Langmuir-Blodgett film of a novel tripodal dye. **2010**, 366, 34-37
- 990 Photovoltaic properties of bisazomethine dye thin films. **2010**, 487, 77-80 13
- 989 The synthesis and properties of highly organosoluble metal(II) complexes with hydrazone ligands derived from pivaloylacetonitrile. **2010**, 86, 42-49 8
- 988 Synthesis, crystal structure and self-assembly property of a mixed (phthalocyaninato) (porphyrinato) europium triple-decker complex. **2010**, 13, 1144-1147 17
- 987 Spektrale Volumensensibilisierung von AgBr durch inkorporierte Farbstoffe. **2010**, 28, 253-254 4
- 986 Photochemische Anwendung von Farbstoffaufdampfschichten. **2010**, 29, 368-377 10

985	Second-harmonic generation from thin films of mixtures of an aggregated chiral 4-nitroazobenzene dye and amylose acetate. 2010 , 113, 250-259	7
984	Non-Traditional Aromatic Topologies and Biomimetic Assembly Motifs as Components of Functional Pi-Conjugated Oligomers. 2010 , 3, 1269-1280	3
983	Prevention of H-Aggregates Formation in Cy5 Labeled Macromolecules. 2010 , 2010, 1-7	21
982	Fluorescence Anisotropy to Study the Preferential Orientation of Fluorophores in Ordered Bi-Dimensional Systems: Rhodamine 6G/Laponite Layered Films. 2010 , 1-35	3
981	Optical Properties of Rhodamine 6G Doped A1PO 4 Gel. 2010 , 27, 108201	2
980	Effect of geometry of dipolar orientations on the spectra of dimer and trimer chain aggregates. 2010 , 81,	3
979	Ambipolar behavior of 2,5-diphenyl-1,4-distyrylbenzene based field effect transistors: An experimental and theoretical study. 2010 , 97, 033305	21
978	SUPPRESSION OF CHROMOPHORE AGGREGATION IN AMORPHOUS POLYMERIC MATERIALS: TOWARDS MORE EFFICIENT PHOTORESPONSIVE BEHAVIOR. 2010 , 19, 57-73	22
977	Simultaneous in situ measurements of x-ray reflectivity and optical spectroscopy during organic semiconductor thin film growth. 2010 , 97, 063301	29
976	Role of positional disorder in the spectra of conjugated polymer aggregates: a conical intersection of potential energy surfaces. 2010 , 43, 235104	2
975	Fluorescent and triplet state photoactive J-type phthalocyanine nano assemblies: controlled formation and photosensitizing properties. 2010 , 20, 6726	129
974	14 Peripherally Metalated Porphyrin Derivatives: Synthetic Approaches and Properties. 2010 , 429-483	1
973	Simple model for the hybridization of surface plasmon resonances in metallic nanoparticles. 2010 , 10, 2618-25	114
972	Calix[4]arene sulfonate as a template for forming fluorescent thiazole orange H-aggregates. 2010 , 46, 3595-7	72
971	Multiresponsive reversible gels based on a carboxylic azo polymer. 2010 , 20, 3610	56
970	UV-Visible Absorption Spectroscopic Properties of Phthalocyanines and Related Macrocycles. 2010 , 1-644	17
969	Comparative study of the self-aggregation of rhodamine 6G in the presence of poly(sodium 4-styrenesulfonate), poly(N-phenylmaleimide-co-acrylic acid), poly(styrene-alt-maleic acid), and poly(sodium acrylate). 2010 , 114, 11983-92	39
968	Maximizing singlet fission in organic dimers: theoretical investigation of triplet yield in the regime of localized excitation and fast coherent electron transfer. 2010 , 114, 14168-77	193

967	Pi-extended dipyrins capable of highly fluorogenic complexation with metal ions. 2010 , 132, 9552-4	80
966	Nontemplated approach to tuning the spectral properties of cyanine-based fluorescent nanoGUMBOS. 2010 , 26, 12867-76	65
965	A fluorescent, reagentless biosensor for ADP based on tetramethylrhodamine-labeled ParM. 2010 , 5, 415-25	36
964	Excited-State Relaxation Dynamics of 3-Vinylthiophene-Terminated Silicon Quantum Dots. 2010 , 114, 11693-11698	12
963	The photophysics of a polar molecule in a nonpolar cryogenic glass--the effects of dimerization on (1-butyl-4-(1H-inden-1-ylidene)-1,4-dihydropyridine (BIDP). 2010 , 114, 10563-74	
962	Peptide adsorption to cyanine dye aggregates revealed by cryo-transmission electron microscopy. 2010 , 26, 11452-60	14
961	Rapid intramolecular hole hopping in meso-meso and meta-phenylene linked linear and cyclic multiporphyrin arrays. 2010 , 132, 1383-8	23
960	Photocontrol of the Supramolecular Chirality Imposed by Stereocenters in Liquid Crystalline Azodendrimers. 2010 , 22, 1714-1723	36
959	Helical nanostructures self-assembled from optically active phthalocyanine derivatives bearing four optically active binaphthyl moieties: effect of metal-ligand coordination on the morphology, dimension, and helical pitch of self-assembled nanostructures. 2010 , 26, 7489-97	31
958	Electric Field Effect of Helical Peptide Dipole in Self-Assembled Monolayers on Electronic Structure of Oligo(Phenyleneethynylene). 2010 , 114, 4669-4674	12
957	Tuning the supramolecular chirality of one- and two-dimensional aggregates with the number of stereogenic centers in the component porphyrins. 2010 , 132, 9350-62	89
956	Expanded π -electron systems, tri(phenanthro)hexaazatriphenylenes and tri(phenanthrolino)hexaazatriphenylenes, that are self-assembled to form one-dimensional aggregates. 2010 , 75, 6858-68	35
955	Vesicle self-assembly by tetrathiafulvalene derivatives in both polar and nonpolar solvents and pseudo-rotaxane mediated vesicle-to-microtube transformation. 2010 , 26, 6878-82	26
954	Novel Azobenzene-Functionalized Polyelectrolytes of Different Substituted Head Groups 3: Control of Properties of Self-Assembled Multilayer Thin Films. 2010 , 47, 571-579	10
953	Evolution of various porphyrin nanostructures via an oil/aqueous medium: controlled self-assembly, further organization, and supramolecular chirality. 2010 , 132, 9644-52	151
952	Fractal growth of PAMAM dendrimer aggregates and its impact on the intrinsic emission properties. 2010 , 114, 7735-42	46
951	J-aggregation of ionic liquid solutions of meso-tetrakis(4-sulfonatophenyl)porphyrin. 2010 , 12, 1886-94	35
950	Multistimuli two-color luminescence switching via different slip-stacking of highly fluorescent molecular sheets. 2010 , 132, 13675-83	785

949	Nano/Microstructure Fabrication of Functional Organic Material: Polymorphic Structure and Tunable Luminescence. 2010 , 114, 11708-11716	52
948	Self-Aggregation Behavior of meso-Tetra-(4-trimethylaminophenyl)porphyrin Encapsulated in Reverse Micelles. 2010 , 43, 275-281	1
947	Absorption of UV radiation by DNA: spatial and temporal features. 2010 , 704, 21-8	57
946	Sol-gel prepared AlPO ₄ with incorporating Rhodamine 6G. 2010 , 356, 2569-2573	4
945	Fluorescent AlPO ₄ gels and glasses doped with Rhodamine 6G: Preparation, structural and optical characterization. 2010 , 356, 2089-2096	4
944	Interfacial assemblies of atypical amphiphilic porphyrins: hydrophobicity/hydrophilicity of substituents, annealing effects, and supramolecular chirality. 2010 , 26, 15272-7	19
943	Electronic Spectral and Electrochemical Behavior of Near Infrared Absorbing Metallophthalocyanines. 2010 , 45-87	85
942	Cofacial boron dipyrromethene (Bodipy) dimers: synthesis, charge delocalization, and exciton coupling. 2010 , 75, 2018-27	50
941	Morphology controlled surface-assisted self-assembled microtube junctions and dendrites of metal free porphyrin-based semiconductor. 2010 , 26, 3678-84	35
940	Organic nanostructures with controllable morphology fabricated from mixed (phthalocyaninato)(porphyrinato) europium double-decker complexes. 2010 , 114, 1233-40	16
939	Establishment of the chemical equilibria of different types of pyranoanthocyanins in aqueous solutions: evidence for the formation of aggregation in pyranomalvidin-3-O-coumaroylglucoside-(+)-catechin. 2010 , 114, 13232-40	32
938	Solution processed tetrasubstituted zinc phthalocyanine as an active layer in organic field effect transistors. 2010 , 107, 114503	15
937	Trapping of Rhodamine 6G excitation energy on cellulose microparticles. 2010 , 12, 2246-53	18
936	Synthesis and fluorescence properties of a pyridomethene-BF ₂ complex. 2010 , 12, 4010-3	100
935	Self-assembled organic-inorganic hybrid nanocomposite of a perylenetetracarboxylic diimide derivative and CdS. 2010 , 26, 12473-8	37
934	Folded H-Stacking Polymers by Conformational Control with 2-Substituted Trimethylene Tethers. 2010 , 43, 6562-6569	19
933	On-resin dimerization incorporates a diverse array of pi-conjugated functionality within aqueous self-assembling peptide backbones. 2010 , 46, 3947-9	80
932	Chromophoric dipyrin complexes capable of binding to TiO ₂ : synthesis, structure and spectroscopy. 2010 , 437-45	70

931	Role of the medium on the C343 inter/intramolecular hydrogen bond interactions. An absorption, emission, and ¹ HNMR investigation of C343 in benzene/n-heptane mixtures. 2010 , 114, 7326-30	21
930	Kinetics of bacterial fluorescence staining with 3,3'-diethylthiacyanine. 2010 , 26, 9756-65	17
929	Bis[1,4,8,11,15,18,22,25-octa(butyloxy)phthalocyaninato] rare earth double-decker complexes: synthesis, spectroscopy, and molecular structure. 2010 , 39, 1321-7	24
928	Highly fluorescent water-soluble polyglycerol-dendronized perylene bisimide dyes. 2010 , 46, 1884-6	141
927	Preparation of lamellar inorganic-organic hybrids from tetraethoxysilane and a coumarin derivative containing a triethoxysilyl group and photodimerization of the interlayer coumarin groups. 2010 , 20, 6688	9
926	Self-assembly of novel fluorescent silole derivatives into different supramolecular aggregates: fibre, liquid crystal and monolayer. 2010 , 6, 3195	68
925	Ambidextrous optically active copper(II) phthalocyanine supramolecules induced by peripheral group homochirality. 2010 , 34, 2310	12
924	Facile approaches to build ordered amphiphilic tris(phthalocyaninato) europium triple-decker complex thin films and their comparative performances in ozone sensing. 2010 , 12, 12851-61	93
923	Interpretation of the ultrafast photoinduced processes in pentacene thin films. 2010 , 132, 3431-9	54
922	On the arrangements of R6G molecules in organophilic C12TMA/lap clay films for low dye loadings. 2010 , 26, 930-7	18
921	Adsorption of Chicago Sky Blue on the Langmuir Monolayer and Langmuir-Blodgett Films of Octadecylamine. 2011 , 48, 619-624	6
920	The first solution-processable n-type phthalocyaninato copper semiconductor: tuning the semiconducting nature via peripheral electron-withdrawing octyloxycarbonyl substituents. 2011 , 21, 18552	42
919	Optical absorption and excitonic coupling in azobenzenes forming self-assembled monolayers: a study based on density functional theory. 2011 , 13, 21608-14	25
918	Efficient surface structuring and photoalignment of supramolecular polymer-azobenzene complexes through rational chromophore design. 2011 , 21, 15437	50
917	Dimer formation of organic fluorophores reports on biomolecular dynamics under denaturing conditions. 2011 , 13, 12874-82	11
916	Helical nano-structures self-assembled from dimethylaminoethyloxy-containing unsymmetrical octakis-substituted phthalocyanine derivatives. 2011 , 7, 3417	27
915	Octaalkyl tetracene-1,2,3,4,7,8,9,10-octacarboxylates: synthesis by twofold [2+2+2] cocyclization and crystallochromy. 2011 , 47, 6653-5	23
914	Electronic spectra and (hyper)polarizabilities of non-centrosymmetric D-A-D chromophores. An experimentally based three-state model and a theoretical TDDFT study of ketocyanines. 2011 , 13, 9507-17	16

913	Morphology and chirality controlled self-assembled nanostructures of porphyrin-pentapeptide conjugate: effect of the peptide secondary conformation. 2011 , 21, 8057	50
912	Emission control by binary energy transfer processes on oligouridine. 2011 , 9, 6598-603	6
911	Near-infrared chromogenic sensing of organotin species by a cyclopalladated azo dye. 2011 , 136, 282-4	6
910	Distribution and orientation study of dyes intercalated into single sepiolite fibers. A confocal fluorescence microscopy approach. 2011 , 21, 269-276	23
909	Nanocrystallization of oligosilanes by a reprecipitation method: easy fabrication of H-aggregates of linear-chain oligosilane molecules. 2011 , 47, 2315-7	4
908	A selective colorimetric and fluorometric ammonium ion sensor based on the H-aggregation of an aza-BODIPY with fused pyrazine rings. 2011 , 47, 12092-4	66
907	Raman spectroscopic study of aggregation process of antibiotic amphotericin B induced by H ⁺ , Na ⁺ , and K ⁺ ions. 2011 , 115, 5032-6	18
906	Near-Infrared Solid-State Emitters Based on Isophorone: Synthesis, Crystal Structure and Spectroscopic Properties. 2011 , 23, 862-873	100
905	Adsorption characteristics of lignosulfonates in salt-free and salt-added aqueous solutions. 2011 , 12, 3313-20	54
904	Tailored one- and two-dimensional self-assembly of a perylene diimide derivative in organic solvents. 2011 , 115, 9703-9	11
903	Chlorin photosensitizers sterically designed to prevent self-aggregation. 2011 , 76, 8824-32	58
902	Dual supramolecular photochirogenesis: ultimate stereocontrol of photocyclodimerization by a chiral scaffold and confining host. 2011 , 133, 13786-9	89
901	Organogels based on J- and H-type aggregates of amphiphilic perylenetetracarboxylic diimides. 2011 , 27, 3074-82	86
900	Effect of polyelectrolyte architecture and size on macroion-dye assemblies. 2011 , 115, 9710-9	18
899	Visualizing Core-Shell Structure in Substituted PPV Oligomer Aggregates Using Fluorescence Lifetime Imaging Microscopy (FLIM). 2011 , 115, 15607-15616	23
898	Interactions of Perylene Bisimide in the One-Dimensional Channels of Zeolite L. 2011 , 115, 5974-5988	52
897	Solidification and Simultaneous Dual-Wavelength Emission of Rhodamine 6G and Coumarin 102 Codoped in AlPO ₄ Mesoporous Glass. 2011 , 115, 9176-9181	7
896	Near infrared dipyrroin-based fluorogenic chelators for metal ions. 2011 ,	3

895	N-fused carbazole-zinc porphyrin-free-base porphyrin triad for efficient near-IR dye-sensitized solar cells. 2011 , 47, 4010-2	96
894	Gas detection by structural variations of fluorescent guest molecules in a flexible porous coordination polymer. 2011 , 10, 787-93	351
893	Synthesis, photophysical, electrochemical, and electrogenerated chemiluminescence studies. Multiple sequential electron transfers in BODIPY monomers, dimers, trimers, and polymer. 2011 , 133, 8633-45	207
892	Aggregation emission properties and self-assembly of conjugated oligocarbazoles. 2011 , 47, 6602-4	83
891	Hydrogen-Bond-Directed Formation of Supramolecular Polymers Incorporating Head-to-Tail Oriented Dipolar Merocyanine Dyes. 2011 , 44, 3766-3776	46
890	Influence of K ⁺ and Na ⁺ ions on the aggregation processes of antibiotic amphotericin B: electronic absorption and FTIR spectroscopic studies. 2011 , 115, 3185-92	19
889	ECHO probes: a concept of fluorescence control for practical nucleic acid sensing. 2011 , 40, 5815-28	126
888	Rhodamine 6G and 800 J-heteroaggregates with enhanced acceptor luminescence (HEAL) adsorbed in transparent SiO ₂ GLAD thin films. 2011 , 13, 7071-82	14
887	Electronic Structure of Organic Materials Investigated by Quantum Chemical Calculations. 2011 , 1-22	
886	Absorption, Photoluminescence, and Polarized Raman Spectra of a Fourfold Alkoxy-Substituted Phthalocyanine Liquid Crystal. 2011 , 115, 12150-12157	22
885	Sandwich-type (phthalocyaninato)(porphyrinato) europium triple-decker nanotubes. Effects of the phthalocyanine peripheral substituents on the molecular packing. 2011 , 40, 12895-900	13
884	Highly fluorescent organic nanoparticles of thiocyanine dye: A synergetic effect of intermolecular H-aggregation and restricted intramolecular rotation. 2011 , 1, 834	53
883	Tribenzotriquinacenes bearing six-fold benzofuran extensions: electron-rich C _{3v} -symmetrical hosts for C ₆₀ . 2011 , 76, 3231-8	44
882	Sandwich-type mixed (phthalocyaninato)(porphyrinato) rare earth double-decker complexes with decreased molecular symmetry of Cs: single crystal structure and self-assembled nano-structure. 2011 , 40, 107-13	16
881	Low-dimensional nanostructures fabricated from bis(dioxaborine)carbazole derivatives as fluorescent chemosensors for detecting organic amine vapors. 2011 , 21, 8756	115
880	Polymorphic and mechanochromic luminescence modulation in the highly emissive dicyanodistyrylbenzene crystal: secondary bonding interaction in molecular stacking assembly. 2011 , 21, 8338	253
879	Water-soluble phosphonate-substituted BODIPY derivatives with tunable emission channels. 2011 , 13, 3072-5	67
878	Stimuli-Responsive Supramolecular Dye Assemblies. 2011 , 77-95	1

877	Sterically demanding benzene-1,3,5-tricarboxamides: tuning the mechanisms of supramolecular polymerization and chiral amplification. 2011 , 7, 524-531	41
876	A spectroscopic study of water-soluble pyronin B and pyronin Y in Langmuir-Blodgett films mixed with stearic acid. 2011 , 258, 1605-1612	28
875	Exploring the minimal structure of a wholly aromatic organogelator: simply adding two β -cyano groups to distyrylbenzene. 2011 , 21, 18971	49
874	Surfactant-induced aggregation patterns of thiazole orange: a photophysical study. 2011 , 27, 12312-21	31
873	Self-aggregation processes of 1,6-diphenyl-1,3,5-hexatriene in water/ethanol mixtures with high water percentages. 2011 , 65, 604-10	7
872	2,3,9,10,16,17,23,24-Octakis(hexylsulfonyl)phthalocyanines with good n-type semiconducting properties. Synthesis, spectroscopic, and electrochemical characteristics. 2011 , 21, 6515	34
871	Structures and redox characteristics of electron-deficient vanadyl phthalocyanines. 2011 , 50, 4086-91	13
870	Excited State Structural Analysis: TDDFT and Related Models. 2011 , 415-449	9
869	Energy Transfer in Single-Stranded DNA-Templated Stacks of Naphthalene Chromophores. 2011 , 115, 10550-10560	11
868	Chapter 1: Theory of Optical Spectroscopy. 2011 , 1-41	
867	Quantum Dynamics and Spectroscopy of Excitons in Molecular Aggregates. 2011 , 85, 47-81	23
866	Hybridization-sensitive fluorescence control in the near-infrared wavelength range. 2011 , 9, 4199-204	20
865	Memory of chirality in J-type aggregates of an achiral perylene dianhydride dye created in a chiral asymmetric catalytic synthesis. 2011 , 2, 937	43
864	Donor-Acceptor liquid crystalline conjugated cooligomers for the preparation of films with the ideal morphology for bulk heterojunction solar cells. 2011 , 52, 4253-4260	18
863	Monolayer Characterization of Amphiphilic Hexa-peri-hexabenzocoronene Derivatives. 2011 , 24, 012023	1
862	Volatile Precursors for Films Deposition: Vapor Pressure, Structure and Thermodynamics. 2011 ,	3
861	Magnetic properties of lanthanoid(III) phthalocyaninato triple-decker complexes in an external magnetic field and electronic transport properties for molecular spintronics. 2011 , 303, 012035	8
860	A Hexameric Porphyrin Triangle Constructed by Suzuki-Miyaura Cross-coupling Reaction. 2011 , 40, 902-903	12

859	Alkali Metal Ion Recognition by Amphiphilic Crown Ether Azoprobe-Cyclodextrin Complex in Water. 2011 , 60, 845-852	4
858	Comparative study of porphyrin derivatives in monolayers at the air/water interface and in Langmuir-Blodgett films. 2011 , 519, 8066-8073	19
857	Aggregation of non-amphiphilic bathophenanthroline in the restricted geometry of Langmuir-Blodgett films with two different matrices. 2011 , 520, 537-542	6
856	Molecular interaction of oxazine dyes in aqueous solution: Temperature dependent molecular disposition of the aggregates. 2011 , 164, 250-256	5
855	Tuning the formation of aggregates in silica/Rhodamine 6G hybrids by thermal treatment. 2011 , 222, 56-63	20
854	A comparative study on the aggregate formation of two oxazine dyes in aqueous and aqueous urea solutions. 2011 , 83, 100-5	27
853	Concentration-dependent luminescent behaviour of Rhodamine 6G in AlPO ₄ xerogel monoliths. 2011 , 125, 87-92	2
852	Dimeric spectra analysis in Microsoft Excel: a comparative study. 2011 , 104, 175-81	15
851	De-aggregation of a polyfluorene derivative in clay nanocomposites: A photophysical study. 2011 , 47, 2259-2265	16
850	Photoinduced electron transfer processes in fullerene/organic chromophore systems. 2011 , 255, 2555-2577	98
849	Foldamer with a spiral perylene bisimide staircase aggregate structure. 2011 , 2, 2094	36
848	Exciton coupling in coordination compounds. 2011 , 40, 3097-108	111
847	Mechanochromic polymer blends. 2011 , 21, 8282	184
846	Chapter 3: Representative Systems Analysed by the Exciton Coupling Method. 2011 , 53-92	
845	Polymer composites with smart optical properties. 2011 , 7, 3689	142
844	Self-assembly and aggregate-induced enhanced emission of amphiphilic fluorescence dyes in water and in the solid state. 2011 , 6, 1057-63	35
843	Artificial light-harvesting antennae: electronic energy transfer by way of molecular funnels. 2011 , 47, 611-31	338
842	Cation-promoted supramolecular assembly of bivalent metal tetra-15-crown-5-phthalocyaninates: Controlling the architecture of supramolecular aggregates. 2011 , 47, 441-446	7

841	Potassium-promoted anionic selectivity of lanthanide bis(tetra-15-crown-phthalocyaninate) complexes. 2011 , 47, 465-470	8
840	Controllable Self-assembly of Sandwich-type Mixed (phthalocyaninato)(porphyrinato) Rare Earth Triple-Decker Complexes. 2011 , 21, 876-880	3
839	Spectroscopic studies of amphotericin B-Cu ²⁺ complexes. 2011 , 24, 915-22	19
838	Electrochemistry and electrogenerated chemiluminescence of organic nanoparticles. 2011 , 15, 2279-2291	33
837	Thermodynamics and in-situ absorption of Langmuir monolayers of selected copper phthalocyanine substituted with different peripheral groups. 2011 , 89, 86-92	14
836	The synthesis of novel perylene-like dyes and their aggregation properties in Langmuir and Langmuir-Blodgett films. 2011 , 91, 474-480	15
835	Synthetic conformational switching: Synthesis and X-ray structures of tweezer and anti form in a zinc porphyrin dimer induced by axial ligands. 2011 , 372, 62-70	37
834	Light-driven and aggregation-induced emission from side-chain azoindazole polymers. 2011 , 49, 4911-4920	28
833	Substituent effects on thermal and photo-alignment behavior of poly(ethylene imine)s carrying azobenzene side groups. 2011 , 60, 730-737	8
832	Effect of Molecular Structure and Thermal Treatment on Photo-optical Properties of Photochromic Azobenzene-containing Polymer Films. 2011 , 212, 342-352	35
831	Basic Principles of Fluorescence Spectroscopy. 2011 , 1-30	21
830	Ring-Shaped J-Type and Star-Shaped H-Type Nanostructures of an Unsymmetrical (Phthalocyaninato)zinc Complex. 2011 , 2011, 1466-1472	9
829	Organic Nanostructures with Controllable Morphology Fabricated from Ferrocene-Porphyrin Derivatives: Effect of Metal-Ligand Coordination on the Morphology, Dimensions, and Semiconductor Properties of Self-Assembled Nanostructures. 2011 , 2011, 4241-4247	7
828	Designing dye-nanochannel antenna hybrid materials for light harvesting, transport and trapping. 2011 , 12, 580-94	86
827	Aggregation of 2-aminobenzimidazole--a combined experimental and theoretical investigation. 2011 , 12, 1747-55	5
826	Assessment of TD-DFT- and TD-HF-based approaches for the prediction of exciton coupling parameters, potential energy curves, and electronic characters of electronically excited aggregates. 2011 , 32, 1971-81	64
825	Synthesis, thermal, and photo alignment behavior of polyethylene imines having nitro substituent azobenzene side chain group. 2011 , 120, 950-959	10
824	J-Aggregate: von ihrer zufälligen Entdeckung bis zum gezielten supramolekularen Aufbau funktioneller Farbstoffmaterialien. 2011 , 123, 3436-3473	241

823	Metal-Mediated Synthesis of Antiaromatic Porphyrinoids from a BODIPY Precursor. 2011 , 123, 2328-2331	20
822	Photoelectric Protein Nanofibrils of β -Synuclein with Embedded Iron and Phthalocyanine Tetrasulfonate. 2011 , 123, 6194-6198	3
821	J-aggregates: from serendipitous discovery to supramolecular engineering of functional dye materials. 2011 , 50, 3376-410	1692
820	Metal-mediated synthesis of antiaromatic porphyrinoids from a BODIPY precursor. 2011 , 50, 2280-3	59
819	Photoelectric protein nanofibrils of β -Synuclein with embedded iron and phthalocyanine tetrasulfonate. 2011 , 50, 6070-4	6
818	Combining aminocyanine dyes with polyamide dendrons: a promising strategy for imaging in the near-infrared region. 2011 , 17, 3619-29	52
817	Synthesis and self-assembly of oligo(p-phenylenevinylene) peptide conjugates in water. 2011 , 17, 2044-7	37
816	Solvent-polarity-tunable dimeric association of a fullerene (C60)-N,N-dimethylaminoazobenzene dyad: modulated electronic coupling of the azo chromophore with a substituted 3D fullerene. 2011 , 17, 5327-43	18
815	New synthetic strategy for diporphyrins: pinacol coupling-rearrangement. 2011 , 17, 7154-7	11
814	Violet-to-blue tunable emission of aryl-substituted dispirofluorene-indenofluorene isomers by conformationally-controllable intramolecular excimer formation. 2011 , 17, 10272-87	61
813	Near-infrared fluorescent nanoparticles formed by self-assembly of lipidic (Bodipy) dyes. 2011 , 17, 11709-14	50
812	Design and synthesis of caged fluorescent nucleotides and application to live-cell RNA imaging. 2011 , 12, 2871-80	15
811	Interfacial behaviors and aggregate structure of atropisomers of β -picket-fence-porphyrin at the air/water interface. 2011 , 377, 130-137	5
810	The synthesis and spectral properties of amber phthalocyanines. 2011 , 88, 187-194	17
809	The synthesis and characterization of novel mesomorphic octa- and tetra-alkylthio-substituted lead phthalocyanines and their films. 2011 , 88, 280-289	17
808	Self-assembly of novel tris(p-carboxyphenyl) porphyrin monomer and its copolymers with acrylamide in aqueous media. 2011 , 91, 199-207	14
807	Effects of porphyrin structure on the complex formation behavior with clay. 2011 , 141, 38-42	15
806	Molecular aggregation of naphthalimide dyes in Langmuir-Blodgett films. 2011 , 993, 177-184	3

805	Orientation phenomena in chromophore DR1-containing polymer films and their non-linear optical response. 2011 , 176, 515-520	8
804	Interfacial assembly of sandwich mixed (Phthalocyaninato)(Porphyrinato) rare earth triple-decker complexes. 2011 , 31, 950-953	6
803	Meso-tetraphenyl porphyrin derivatives: The effect of structural modifications on binding to DMPC liposomes and albumin. 2011 , 217, 10-21	33
802	Molecular orientation and spectral investigations of LangmuirBlodgett films of selected copper phthalocyanines. 2011 , 218, 48-57	18
801	The formation of a slipped cofacial dimer of zinc (II) tripyridylporphyrin in water-soluble polymer. 2011 , 220, 64-69	6
800	The molecular aggregation of pyronin Y in natural bentonite clay suspension. 2011 , 131, 2121-2127	31
799	Solvent induced aggregation of protoporphyrin and octacarboxylphthalocyanine of zinc deposited on gold surface. 2011 , 359, 47-55	7
798	Study of the interaction between methylene blue dye and quenched polyelectrolyte with tunable hydrophobicity in aqueous media. 2019 , 7, 103312	2
797	Gel Characterization: From Molecules to Nanostructure to Macroproperties. 2019 , 141-206	
796	Do Anionic π Molecules Aggregate in Solution? A Case Study with Multi-interactive Ligands and Network Formation. 2019 , 25, 15182-15188	4
795	Molecular bilayer graphene. 2019 , 10, 3057	23
794	Purely Organic Crystals Exhibit Bright Thermally Activated Delayed Fluorescence. 2019 , 131, 13656-13665	17
793	Antenna-like Ring Structures via Self-Assembly of Octaphosphonate Tetraphenyl Porphyrin with Nucleobases. 2019 , 4, 11408-11413	3
792	Essential States Model for Merocyanine Dye Stacks: Bridging Electronic and Optical Absorption Properties. 2019 , 123, 18654-18664	9
791	Spatiotemporally Coupled Photoactivity of Phthalocyanine-Peptide Conjugate Self-Assemblies for Adaptive Tumor Theranostics. 2019 , 25, 13429-13435	29
790	Stable J-Aggregation of an aza-BODIPY-Lipid in a Liposome for Optical Cancer Imaging. 2019 , 58, 13394-13399	67
789	Shortwave Infrared Imaging with J-Aggregates Stabilized in Hollow Mesoporous Silica Nanoparticles. 2019 , 141, 12475-12480	71
788	Stable J-Aggregation of an aza-BODIPY-Lipid in a Liposome for Optical Cancer Imaging. 2019 , 131, 13528-13533	34

787	Bis(merocyanine) Hetero-Folda-Dimers: Evaluation of Exciton Coupling between Different Types of Stacked Chromophores. 2019 , 25, 11294-11301	6
786	Ionic aggregation-induced emission dye with bulky counterions for preparation of bright near-infrared polymeric nanoparticles. 2019 , 11, 13977-13987	16
785	Purely Organic Crystals Exhibit Bright Thermally Activated Delayed Fluorescence. 2019 , 58, 13522-13531	43
784	Bis(merocyanine) Homo-Folda-Dimers: Evaluation of Electronic and Spectral Changes in Well-Defined Dye Aggregate Geometries. 2019 , 25, 11285-11293	5
783	fs-ps Exciton dynamics in a stretched tetraphenylsquaraine polymer. 2019 , 21, 15346-15355	6
782	Noninvasive and Wearable Respiration Sensor Based on Organic Semiconductor Film with Strong Electron Affinity. 2019 , 91, 10320-10327	13
781	A comprehensive insight on H-type aggregation in Congo red-surfactant systems revealed through spectroscopic and electrochemical study unified with a simulation framework. 2019 , 21, 15584-15594	12
780	Enhanced third order optical nonlinearity in ultrathin amorphous film of tetraphenyl-porphyrin in picosecond regime. 2019 , 119, 105642	12
779	Crown-ether-substituted asymmetric phthalocyanine derivatives/CdS self-assembled hybrid films with an unprecedented high response toward NO ₂ . 2019 , 23, 507-517	3
778	Metamaterial Analogues of Molecular Aggregates. 2019 , 6, 3003-3009	4
777	Symmetry-Breaking Charge Separation in a Nanoscale Terrylenediimide Guanine-Quadruplex Assembly. 2019 , 141, 17512-17516	22
776	Effect of Conjugation Mode on Intramolecular Charge Transfer in Fabricating Acid-Responsive Fluorophores. 2019 , 14, 3883-3892	4
775	Assessing density functional theory in real-time and real-space as a tool for studying bacteriochlorophylls and the light-harvesting complex 2. 2019 , 151, 134114	8
774	One-shot preparation of topologically chimeric nanofibers via a gradient supramolecular copolymerization. 2019 , 10, 4578	18
773	Size-Dependent Local Ordering in Melanin Aggregates and Its Implication on Optical Properties. 2019 , 123, 9403-9412	2
772	Graphene and Flavin Mononucleotide Interaction in Aqueous Graphene Dispersions. 2019 , 123, 26282-26288	5
771	Controlling Supramolecular Chirality in Peptide-Peptide Networks by Variation of the Alkyl Spacer Length. 2019 , 35, 14060-14073	15
770	Solid-State Emission from Mono- and Bichromophoric Boron Dipyrromethene (BODIPY) Derivatives and Comparison with Fluid Solution. 2019 , 25, 15634-15645	7

769	Generalized Kasha Model: T-Dependent Spectroscopy Reveals Short-Range Structures of 2D Excitonic Systems. 2019 , 5, 3135-3150	11
768	Electro-active nanofibers of a tetrathiafulvalene derivative with amide hydrogen bonds as a dopant-free hole transport material for perovskite solar cells. 2019 , 194, 248-253	8
767	Aggregation-Induced Emission of Nitrogen-Bridged Naphthalene Monoimide Dimers. 2019 , 21, 9516-9520	20
766	Extended cis-Configured Unsymmetrical Squaraine Dyes for Dye-Sensitized Solar Cells: Panchromatic Response. 2019 , 2, 8464-8472	12
765	Excitons in Carbonic Nanostructures. 2019 , 5, 71	26
764	Excellent ambipolar gas sensing response of Eu[Pc(OC ₄ H ₉) ₈] ₂ /acidified multiwalled carbon nanotubes hybrid at room temperature. 2019 , 23, 1455-1462	2
763	Molecular 5,8-Extended quinoxaline derivatives as chromophores for photoluminescence applications. 2019 , 296, 111763	1
762	Local DNA Base Conformations and Ligand Intercalation in DNA Constructs Containing Optical Probes. 2019 , 117, 1101-1115	2
761	The Interplay between Solvation and Stacking of Aromatic Rings Governs Bright and Dark Sites of Benzo[g]coumarins. 2019 , 25, 15305-15314	1
760	Hierarchical Self-Assembly of Tetrakis(1-pyrenyl)porphyrins into Microscopic Petals and Flowers with Ultrasensitive Room-Temperature NO ₂ Sensing in a Broad Humidity Range. 2019 , 5, 1408-1417	2
759	Room-Temperature Columnar Liquid Crystalline Materials Based on Pyrazino[2,3-g]quinoxaline for Bright Green Organic Light-Emitting Diodes. 2019 , 1, 1959-1969	10
758	Distinct Crystalline Aromatic Structural Motifs: Identification, Classification, and Implications. 2019 , 52, 3075-3086	28
757	UV-vis absorption spectra of Sn(IV)tetrakis(4-pyridyl) porphyrins on the basis of axial ligation and pyridine protonation. 2019 , 25, 294	3
756	Extreme multi-point van der Waals interactions: isolable dimers of phthalocyanines substituted with pillar-like azaacenes. 2019 , 10, 8939-8945	1
755	Self-Assembly of a Cyclodextrin Bis-Inclusion Complex into a Highly Crystalline Fiber Network. An Effective Strategy for Null Aggregate Design. 2019 , 123, 8131-8139	6
754	A sandwich-type tetrakis(phthalocyaninato) europium–magnesium quadruple-decker complex: structural, spectroscopic, OFET, and gas sensing properties. 2019 , 43, 15763-15767	7
753	A calix[4]arene-modified (Pc)Eu(Pc)Eu[T(C ₄ A)PP]-based sensor for highly sensitive and specific host-guest electrochemical recognition. 2019 , 48, 718-727	7
752	Quantum coherence in ultrafast photo-driven charge separation. 2019 , 216, 319-338	5

751	Paper-based platform for detection by hybridization using intrinsically labeled fluorescent oligonucleotide probes on quantum dots. 2019 , 144, 1223-1229	7
750	Strong light-matter interactions: a new direction within chemistry. 2019 , 48, 937-961	145
749	Diverse sensor responses from two functionalized tris(phthalocyaninato)europium ambipolar semiconductors towards three oxidative and reductive gases. 2019 , 7, 424-433	14
748	Spectral and Luminescent Properties and Morphology of Self-Assembled Nanostructures of an Indotricarbocyanine Dye. 2019 , 85, 997-1005	7
747	Mechanochromism induced through the interplay between excimer reaction and excited state intramolecular proton transfer. 2019 , 2,	19
746	Cost-Effective Realization of Multimode Exciton-Polaritons in Single-Crystalline Microplates of a Layered Metal-Organic Framework. 2019 , 11, 7288-7295	9
745	Reduction of the Fluorescence Transition Dipole Moment by Excitation Localization in a Vibronically Coupled Squaraine Dimer. 2019 , 123, 3426-3432	15
744	Aggregation-caused quenching versus crystallization induced emission in thiazolo[5,4-b]thieno[3,2-e]pyridine (TTP) derivatives: theoretical insights. 2018 , 21, 46-56	29
743	Indeno[1,2-b]fluorene-Based [2,2]Cyclophanes with 4n/4n and 4n/[4n+2] π Electrons: Syntheses, Structural Analyses, and Excitonic Coupling Properties. 2019 , 131, 10264-10268	5
742	Using sulfur bridge oxidation to control electronic coupling and photochemistry in covalent anthracene dimers. 2019 , 10, 7561-7573	12
741	Functional group engineering in naphthalimides: a conceptual insight to fine-tune the supramolecular self-assembly and condensed state luminescence. 2019 , 11, 13233-13242	23
740	Quantum coherences reveal excited-state dynamics in biophysical systems. 2019 , 3, 477-490	30
739	Impact of Unsymmetrical Alkyl/Fluoroalkyl Side Chains over Coil-to-Rod Transition of Soluble Polyacetylenes: Modulation of Electronic Conjugation of Isolated Chains and Their Self-Assembly. 2019 , 52, 4916-4925	3
738	Solution-processable (Pc?)Eu(Pc?)Eu[TP(OH)PP]/rGO bilayer heterojunction organic transistors with exceptional excellent ambipolar performance. 2019 , 30, 12437-12446	5
737	Dimeric conformation sensitive electronic excited states of tetracene congeners and their unconventional non-fluorescent behaviour. 2019 , 131, 1	2
736	Heteroatom Bay-Annulated Perylene Bisimides: New Materials for Organic Field Effect Transistors. 2019 , 1, 1378-1386	21
735	Electronic transitions of molecules: vibrating Lewis structures. 2019 , 10, 6809-6814	6
734	Effect of water of crystallization on aggregation-induced emission in structurally similar crystals. 2019 , 60, 1663-1666	2

733	Remarkable photo-induced crystal transition accompanying with room temperature phosphorescence change. 2019 , 170, 107600	
732	Photoisomerization of Eneidylnyl Linker Leads to Slipped Cofacial Hydroporphyrin Dyads with Strong Through-Bond and Through-Space Electronic Interactions. 2019 , 84, 7851-7862	7
731	A novel calix[4]arene-modified porphyrin-based dual-mode sensor for the specific detection of dopamine with excellent performance. 2019 , 43, 10376-10381	5
730	Electrically Driven Single-Photon Superradiance from Molecular Chains in a Plasmonic Nanocavity. 2019 , 122, 233901	32
729	Effect of hyaluronic acid on the State and photoactivity of Zn(II) phthalocyanine cationic derivative in mixed aqueous solutions. 2019 , 382, 111927	2
728	Pyrene-based prospective biomaterial: In vitro bioimaging, protein binding studies and detection of bilirubin and Fe. 2019 , 221, 117150	15
727	Electromagnetic interactions of dye molecules surrounding a nanosphere. 2019 , 11, 12177-12187	10
726	New Size-Expanded Fluorescent Thymine Analogue: Synthesis, Characterization, and Application. 2019 , 25, 9913-9919	11
725	Supramolecular Light-Harvesting Antennas of Metal-Coordinated Bis(8-Hydroxyquinoline)-Substituted Porphyrin Networks. 2019 , 14, 2567-2572	2
724	Investigating Electronic Communications in meso-meso Ethene-Bridged Unsymmetrical Diporphyrins. 2019 , 25, 9602-9607	1
723	Supramolecular Self-Assembly and Phase Transformations in Aqueous Systems Based on Chitosan and Sulfonated Metallophthalocyanines. 2019 , 89, 612-618	
722	Highly conjugated streptocyanine-ESIPT dyes via Vilsmeier-Haack reagent. 2019 , 213, 98-107	1
721	Indeno[1,2-b]fluorene-Based [2,2]Cyclophanes with 4n/4n and 4n/[4n+2] π Electrons: Syntheses, Structural Analyses, and Excitonic Coupling Properties. 2019 , 58, 10158-10162	8
720	Highly Efficient Thermally Activated Delayed Fluorescence via J-Aggregates with Strong Intermolecular Charge Transfer. 2019 , 31, e1808242	164
719	Synthesis and characterization of mixed metal oxide nanoparticles derived from Co ^{II} layered double hydroxides and their thin films. 2019 , 30, 11627-11642	30
718	Morphology-controlled self-assembled nanostructures of octa(phenoxy)-substituted phthalocyaninato manganese(III) and their nonlinear optical properties: Solvent effect on tuning the intermolecular interaction. 2019 , 103, 57-62	
717	Preparation of new semiconducting corrole nanostructures and their application as gas sensor. 2019 , 252, 69-75	5
716	DNA-Templated Aggregates of Strongly Coupled Cyanine Dyes: Nonradiative Decay Governs Exciton Lifetimes. 2019 , 10, 2386-2392	28

715	Defined Merocyanine Dye Stacks from a Dimer up to an Octamer by Spacer-Encoded Self-Assembly Approach. 2019 , 141, 7428-7438	28
714	Thermodynamically versus Kinetically Controlled Self-Assembly of a Naphthalenediimide-Thiophene Derivative: From Crystalline, Fluorescent, n-Type Semiconducting 1D Needles to Nanofibers. 2019 , 11, 16864-16871	14
713	Quantifying the Plasmonic Character of Optical Excitations in a Molecular J-Aggregate. 2019 , 15, 3197-3203	8
712	Computationally Driven Design Principles for Singlet Fission in Organic Chromophores. 2019 , 123, 19257-19268	8
711	Amphiphilic triphenylamine-benzothiadiazole dyes: preparation, fluorescence and aggregation behavior, and enzyme fluorescence detection. 2019 , 18, 1447-1460	3
710	Diabatization by Localization in the Framework of Configuration Interaction Based on Floating Occupation Molecular Orbitals (FOMOII). 2019 , 3, 933-944	8
709	Understanding Aggregation Induced Emission in a Propeller-Shaped Blue Emitter. 2019 , 3, 907-915	12
708	Fine-Tuning Intermolecular and Intramolecular Interactions to Build the Films of Tris(Phthalocyaninato) Rare Earth Complexes and Their Comparative Performances in Ambipolar Gas Sensing. 2019 , 66, 1930-1936	8
707	Low-Power and High-Performance Trimethylamine Gas Sensor Based on n-n Heterojunction Microbelts of Perylene Diimide/CdS. 2019 , 91, 5591-5598	24
706	Chiral Microneedles from an Achiral Bis(boron dipyrromethene): Spontaneous Mirror Symmetry Breaking Leading to a Promising Photoluminescent Organic Material. 2019 , 35, 5021-5028	5
705	Supramolecular Polymorphism in One-Dimensional Self-Assembly by Kinetic Pathway Control. 2019 , 141, 6092-6107	102
704	Pairing of Fused BODIPY: Towards Panchromatic n-Type Semiconducting Materials. 2019 , 25, 6613-6620	9
703	Cooperative Self-Assembly of Helical Exciton-Coupled Biosurfactant-Functionalized Porphyrin Chromophores.. 2019 , 2, 1703-1713	7
702	Functional molecular switches involving tetrapyrrolic macrocycles. 2019 , 387, 325-347	46
701	Interplay between Intra- and Intermolecular Charge Transfer in the Optical Excitations of J-Aggregates. 2019 , 123, 6831-6838	12
700	Excited state intramolecular single proton transfer mechanism of pigment yellow 101 in solid state: Experiment and DFT calculation. 2019 , 217, 93-100	6
699	Invoking ultralong room temperature phosphorescence of purely organic compounds through H-aggregation engineering. 2019 , 6, 1259-1264	83
698	Zinc PhthalocyaninePhosphonic Acid Monolayers on ITO: Influence of Molecular Orientation, Aggregation, and Tunneling Distance on Charge-Transfer Kinetics. 2019 , 123, 6970-6980	3

697	Isomerization and aggregation of 2-(2-(2-hydroxy-4-nitrophenyl)hydrazono)-1-phenylbutane-1,3-dione: Recent evidences from theory and experiment. 2019 , 283, 242-248	3
696	Confinement Effect of Micro- and Mesoporous Materials on the Spectroscopy and Dynamics of a Stilbene Derivative Dye. 2019 , 20,	1
695	Aggregation-Induced Emission-Active 1,4-Dihydropyridine-Based Dual-Phase Fluorescent Sensor with Multiple Functions. 2019 , 14, 2242-2250	6
694	Direct population of triplet excited states through singlet-triplet transition for visible-light excitable organic afterglow. 2019 , 10, 5031-5038	52
693	NIR LEDs and NIR lasers as feasible alternatives to replace oven processes for treatment of thermal-responsive coatings. 2019 , 16, 1527-1541	16
692	Perylene Bisimide Aggregates as Probes for Subnanomolar Discrimination of Aromatic Biogenic Amines. 2019 , 11, 17079-17089	27
691	A Solid-State-Emissive 1,8-Naphthalimide Probe Based on Photoinduced Electron Transfer and Aggregation-Induced Emission. 2019 , 4, 4163-4167	7
690	Effect of Different Conformational Distributions on the Ultrafast Coherence Dynamics in Porphyrin-Based Polymers. 2019 , 123, 10212-10224	8
689	Kinetically and Thermodynamically Controlled Nanostructures of Perylene-Substituted Lophine Derivatives. 2019 , 123, 10145-10152	1
688	Room-Temperature Phosphorescence in Metal-Free Organic Materials. 2019 , 531, 1800482	43
687	Perfluorophenyl-Directed Giant Porphyrin J-Aggregates. 2019 , 25, 7322-7329	4
686	Morphology-controlled self-assembled micro-structures of nickel porphyrin with enhanced ethanol sensing properties. 2019 , 105, 112-118	1
685	Structural Insight into Aggregation and Orientation of TPD-Based Conjugated Polymers for Efficient Charge-Transporting Properties. 2019 , 31, 4629-4638	12
684	Mapping of exciton-exciton annihilation in a molecular dimer via fifth-order femtosecond two-dimensional spectroscopy. 2019 , 150, 104304	13
683	Chlorin e6-Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Nanoclusters as a Theranostic Agent for Dual-Mode Imaging and Photodynamic Therapy. 2019 , 9, 2613	46
682	Prolonging Ultralong Organic Phosphorescence Lifetime to 2.5 s through Confining Rotation in Molecular Rotor. 2019 , 7, 1800820	32
681	Anticipating Acene-Based Chromophore Spectra with Molecular Orbital Arguments. 2019 , 123, 2527-2536	12
680	Two-dimensional porphyrin-Co9S8 nanocomposites with synergistic peroxidase-like catalysis: Synthesis and application toward colorimetric biosensing of H ₂ O ₂ and glutathione. 2019 , 568, 248-258	18

679	Conversion of curved assemblies into two dimensional sheets. 2019 , 11, 5732-5736	
678	Origin of the π -stacking induced shifts in absorption spectral bands of the green fluorescent protein chromophore. 2019 , 522, 32-38	10
677	Optical Activity and Helicity Enhancement of Highly Sensitive Dinaphthylmethane-Based Stereodynamic Probes for Secondary Alcohols. 2019 , 4, 3244-3256	5
676	Highly efficient photothermal nanoagent achieved by harvesting energy via excited-state intramolecular motion within nanoparticles. 2019 , 10, 768	184
675	Steady state charge conduction through solution processed liquid crystalline lanthanide bisphthalocyanine films. 2019 , 23, 1603-1615	0
674	Next-generation fluorescent nucleic acids probes for microscopic analysis of intracellular nucleic acids. 2019 , 49, 14	5
673	Bodipy Derivatives as Triplet Photosensitizers and the Related Intersystem Crossing Mechanisms. 2019 , 7, 821	28
672	Mechanochromic Fluorescent Polymers with Aggregation-Induced Emission Features. 2019 , 19,	28
671	High-Voltage Photogeneration Exclusively via Aggregation-Induced Triplet States in a Heavy-Atom-Free Nonplanar Organic Semiconductor. 2019 , 9, 1901649	3
670	Emissive Single-Crystalline Boroxine-Linked Colloidal Covalent Organic Frameworks. 2019 , 141, 19728-19735	37
669	Anticancer, Antioxidant and Antiangiogenic Activities of Nanoparticles of Bioactive Dietary Nutraceuticals. 2019 , 4, 13792-13796	3
668	1,1'-Bi(2-naphthol-4,5-dicarboximide)s: blue emissive axially chiral scaffolds with aggregation-enhanced emission properties. 2019 , 6, 3731-3740	2
667	One-dimensional π -stacking induces highly efficient pure organic room-temperature phosphorescence and ternary-emission single-molecule white light. 2019 , 7, 12502-12508	48
666	Non-Typical Fluorescence Effects and Biological Activity in Selected 1,3,4-thiadiazole Derivatives: Spectroscopic and Theoretical Studies on Substituent, Molecular Aggregation, and pH Effects. 2019 , 20,	8
665	Tuning symmetry breaking charge separation in perylene bichromophores by conformational control. 2019 , 10, 10629-10639	26
664	The role of the central metal ion of ethane-bridged bis-porphyrins in histidine sensing. 2019 , 533, 762-770	13
663	Dimeric phthalocyanine-involved double-decker complex-based electrochemical sensor for simultaneous detection of acetaminophen and ascorbic acid. 2019 , 30, 1976-1983	7
662	Chiroptical Protocol for the Absolute Configurational Assignment of Alkyl-Substituted Epoxides Using Bis(zinc porphyrin) as a CD-Sensitive Bidentate Host. 2019 , 84, 645-652	11

- 661 Bay-Linked Perylenediimides are Two Molecules in One: Insights from Ultrafast Spectroscopy, Temperature Dependence, and Time-Dependent Density Functional Theory Calculations. **2019**, 123, 2127-2138⁵
- 660 Highly efficient crystal red fluorescent 1,2-squaraine dyes with excellent biocompatibility and bioimaging. **2019**, 162, 654-661 9
- 659 Self-assembled zinc phthalocyanine nanoparticles as excellent photothermal/photodynamic synergistic agent for antitumor treatment. **2019**, 361, 117-128 65
- 658 Photoluminescent properties in perylene PVD films: Influence of molecular aggregates and supramolecular arrangement. **2019**, 211, 221-226 4
- 657 A Self-Assembled Unit Comprising 12 Squaraine Dyes Built Up from Two Star-Shaped Hexasquarainyl-Benzene Molecules. **2019**, 25, 2831-2839 5
- 656 Monitoring the confinement of methylene blue in pyrene labeled poly(acrylic acid). **2019**, 273, 125-133 6
- 655 Ultranarrow Bandwidth Organic Photodiodes by Exchange Narrowing in Merocyanine H- and J-Aggregate Excitonic Systems. **2019**, 29, 1805058 32
- 654 Optimizing the gas sensing properties of sandwich-type phthalocyaninato europium complex through extending the conjugated framework. **2019**, 161, 240-246 22
- 653 New pyrene-based butterfly-shaped blue AIEgens: Synthesis, structure, aggregation-induced emission and their nondoped blue OLEDs. **2020**, 173, 107881 23
- 652 Fluorosubstituted lead phthalocyanines: Crystal structure, spectral and sensing properties. **2020**, 173, 107939 12
- 651 Effect of pH on fluorescence and absorption of aggregates of chlorophyll a and carotenoids. **2020**, 173, 107975 9
- 650 Mutual influence on aggregation and magnetic properties of graphene oxide and copper phthalocyanine through non-covalent, charge transfer interaction. **2020**, 505, 144624 9
- 649 Non-covalent interaction-driven self-assembly of perylene diimide on rGO for room-temperature sensing of triethylamine with enhanced immunity to humidity. **2020**, 385, 123397 17
- 648 Photophysics and photoreactivity of cross-conjugated enediynyl aggregates: Applications to multi-parametric sensing of microheterogeneity and reversible fluorescence switching. **2020**, 529, 110579 2
- 647 Mechanical Fixation by Porphyrin Connection: Synthesis and Transport Studies of a Bicyclic Dimer. **2020**, 85, 118-128 4
- 646 Spectrophotometric-chemometrics study of the effect of solvent composition and temperature on the spectral shape and shift of copper and nickel phthalocyanines in different aqueous-nonaqueous mixed solvents. **2020**, 227, 117621 7
- 645 Efficient Intersystem Crossing in the Trigger's Base Derived From 4-Amino-1,8-naphthalimide and Application as a Potent Photodynamic Therapy Reagent. **2020**, 26, 3591-3599 16
- 644 Synthesis, photophysical properties and theoretical studies of new bis-quinolin curcuminoid BF-complexes and their decomplexed derivatives. **2020**, 230, 118065 4

- 643 fromage: A library for the study of molecular crystal excited states at the aggregate scale. **2020**, 41, 1045-1058 ¹⁰
- 642 Perylene-doped polycarbonate coatings for acrylic active greenhouse luminescent solar concentrator dryers. **2020**, 16, 102920 ⁹
- 641 A near-infrared fluorescent phthalocyanine liquid developed through controlling intermolecular interactions. **2020**, 44, 1689-1693 ¹
- 640 Splitting and reorientation of E-conjugation by an unprecedented photo-rearrangement reaction. **2020**, 56, 348-351 ⁷
- 639 Polymerization-induced emission. **2020**, 7, 987-998 ⁴²
- 638 Synthesis and chiroptical properties of cylindrical macrocycles comprising two calix[3]aramide moieties. **2020**, 18, 230-236 ⁵
- 637 Photodegradation of 4-chlorophenol using Zn and In phthalocyanines substituted with pyrrole without hetero atoms linkers and supported on polyacrylonitrile electrospun fibres. **2020**, 178, 114329 ²
- 636 J-Aggregation Enhances the Electroluminescence Performance of a Sky-Blue Thermally Activated Delayed-Fluorescence Emitter in Nondoped Organic Light-Emitting Diodes. **2020**, 12, 2717-2723 ²⁷
- 635 Spectral-luminescent and photochemical characteristics of some styrylcyanine dyes in solutions. **2020**, 1203, 127395 ¹
- 634 Spectroscopic study of the pH dependence of the optical properties of a water-soluble molecular photo-switch. **2020**, 227, 117576 ⁵
- 633 Switching Photomechanical Response by a Structural Phase Transition in a Naphthalene Diimide Derivative. **2020**, 4, 218-223 ³
- 632 Alkyl-Group-Wrapped Unsymmetrical Squaraine Dyes for Dye-Sensitized Solar Cells: Branched Alkyl Chains Modulate the Aggregation of Dyes and Charge Recombination Processes. **2020**, 12, 2555-2565 ¹⁴
- 631 Exploring the Impact of Coordination-Driven Self Assembly on the Antibacterial Activity of Low-Symmetry Phthalocyanines.. **2020**, 3, 400-411 ⁸
- 630 Distinct Excited-State Dynamics of Near-Orthogonal Perylenimide Dimer: Conformational Planarization versus Symmetry Breaking Charge Transfer. **2020**, 124, 237-245 ¹⁷
- 629 Crown- and phosphoryl-containing metal phthalocyanines in solutions of poly(N-vinylpyrrolidone): Supramolecular organization, accumulation in cells, photo-induced generation of reactive oxygen species, and cytotoxicity. **2020**, 202, 111722 ⁵
- 628 Chemometrics-spectroscopic study of the effect of temperature and pre-micellar to post-micellar forms of various surfactants on the dimerization of nickel and copper phthalocyanines. **2020**, 300, 112350 ⁶
- 627 Cause, Regulation and Utilization of Dye Aggregation in Dye-Sensitized Solar Cells. **2020**, 25, ¹²
- 626 Exciton Coupling and Conformational Changes Impacting the Excited State Properties of Metal Organic Frameworks. **2020**, 25, ⁴

625	Unraveling the photophysical and semiconducting properties of color converter luminogens with aggregation induced emission characteristics. 2020 , 8, 16757-16768	1
624	Balancing Charge Transfer and Frenkel Exciton Coupling Leads to Excimer Formation in Molecular Dimers: Implications for Singlet Fission. 2020 , 124, 8478-8487	11
623	Modulating the Optical Properties of BODIPY Dyes by Noncovalent Dimerization within a Flexible Coordination Cage. 2020 , 142, 17721-17729	24
622	NIR-emitting squaraine J-aggregate nanosheets. 2020 , 56, 9878-9881	16
621	Exciton Migration in Multistranded Perylene Bisimide J-Aggregates. 2020 , 11, 6612-6617	6
620	Structural diversification of bola-amphiphilic glycolipid-type supramolecular hydrogelators exhibiting colour changes along with the gel-sol transition. 2020 , 16, 7274-7278	4
619	Evanescent Wave-Guided Growth of an Organic Supramolecular Nanowire Array. 2020 , 59, 19209-19214	1
618	Shedding Light on the Origin of Solid-State Luminescence Enhancement in Butterfly Molecules. 2020 , 26, 13990-14001	3
617	Persistent Organic Room-Temperature Phosphorescence in Cyclohexane--1,2-Bisphthalimide Derivatives: The Dramatic Impact of Heterochiral vs Homochiral interactions. 2020 , 11, 6426-6434	11
616	The role of excited states in deciphering molecules and materials: time-resolved electronic spectroscopic studies. 2020 , 521-562	
615	Aggregation-Induced Emission (AIE): A Historical Perspective. 2020 , 59, 14192-14196	149
614	Machine Learning for Electronically Excited States of Molecules. 2021 , 121, 9873-9926	79
613	Frenkel excitons in heat-stressed supramolecular nanocomposites enabled by tunable cage-like scaffolding. 2020 , 12, 1157-1164	5
612	Surface Hopping Dynamics for Azobenzene Photoisomerization: Effects of Packing Density on Surfaces, Fluorination, and Excitation Wavelength. 2020 , 124, 26287-26295	1
611	Molecular Materials with Short Radiative Lifetime for High-Speed Light-Emitting Devices. 2020 , 3, 1832-1844	3
610	Excited-State Symmetry-Breaking Charge Separation Dynamics in Multibranched Perylene Diimide Molecules. 2020 , 11, 10329-10339	25
609	Revealing the evolving mixture of molecular aggregates during organic film formation using simulations of in situ absorbance. 2020 , 153, 214902	4
608	Triplet States of Cyanine Dye Dimers. 2020 , 63, 1363-1369	

- 607 Thiosquaramide-Based Supramolecular Polymers: Aromaticity Gain in a Switched Mode of Self-Assembly. **2020**, 142, 19907-19916 5
- 606 Near-Infrared Electroluminescence beyond 800 nm with High Efficiency and Radiance from Anthracene Cored Emitters. **2020**, 59, 21578-21584 20
- 605 Plug-and-Play Optical Materials from Fluorescent Dyes and Macrocycles. **2020**, 6, 1978-1997 55
- 604 Near-Infrared Electroluminescence beyond 800 nm with High Efficiency and Radiance from Anthracene Cored Emitters. **2020**, 132, 21762-21768 8
- 603 Aggregations-induzierte Emission (AIE): Eine historische Betrachtung. **2020**, 132, 14296-14301 18
- 602 Exciton coupling effects on the two-photon absorption of squaraine homodimers with varying bridge units. **2020**, 22, 18340-18350 8
- 601 Evanescent Wave-Guided Growth of an Organic Supramolecular Nanowire Array. **2020**, 132, 19371-19376
- 600 The formation mechanism of ZnTPyP fibers fabricated by a surfactant-assisted method. **2020**, 44, 13824-13833 2
- 599 Delocalized Two-Exciton States in DNA Scaffolded Cyanine Dimers. **2020**, 124, 8042-8049 9
- 598 Investigation of Morphology-Controlled Ultrafast Relaxation Processes of Aggregated Porphyrin. **2020**, 21, 2196-2205 0
- 597 Recent developments of colorimetric mechanical sensors based on polymer composites. **2020**, 8, 12036-12053 18
- 596 Study of the exciton dynamics in perylene bisimide (PBI) aggregates with symmetrical quasiclassical dynamics based on the Meyer-Miller mapping Hamiltonian. **2020**, 22, 18192-18204 7
- 595 Efficient and Accurate Simulations of Vibrational and Electronic Spectra with Symmetry-Preserving Neural Network Models for Tensorial Properties. **2020**, 124, 7284-7290 26
- 594 Point-to-Axial Chirality Transmission: A Highly Sensitive Triaryl Chirality Probe for Stereochemical Assignments of Amines. **2020**, 85, 10413-10431 3
- 593 Correlating structural changes with the photophysics of terrylenediimide films during spontaneous annealing. **2020**, 8, 15189-15198 2
- 592 Thermally Activated Delayed Phosphorescence and Interchromophore Exciton Coupling in a Platinum-Based Organometallic Emitter. **2020**, 8, 2001023 8
- 591 Hydrogen bond-rigidified planar squaraine dye and its electronic and organic semiconductor properties. **2020**, 56, 9890-9893 3
- 590 Corroles and Hexaphyrins: Synthesis and Application in Cancer Photodynamic Therapy. **2020**, 25, 9

589	Tuning the optical properties of N-aryl benzothiadiazole via Cu(II)-catalyzed intramolecular C-H amination: the impact of the molecular structure on aggregation and solid state luminescence. 2020 , 7, 3853-3861	4
588	A computational exploration of aggregation-induced excitonic quenching mechanisms for perylene diimide chromophores.. 2020 , 153, 064108	6
587	Photofunctions of Dye-Clay Hybrids: Recent Developments. 2020 , 251-320	4
586	A room temperature acetone sensor based on synthesized tetranitro-oxacalix[4]arenes: Thin film fabrication and sensing properties. 2020 , 315, 112308	5
585	Crystal Engineering in Organic Photovoltaic Acceptors: A 3D Network Approach. 2020 , 10, 2002678	35
584	Organic NIR-II Photoacoustic Agent Utilizing Combined Two-Photon and Excited State Absorption at 1064 nm. 2020 , 7, 3161-3165	10
583	Design of superior phototheranostic agents guided by Jablonski diagrams. 2020 , 49, 8179-8234	145
582	Solid Materials with Near-Infrared-Induced Fluorescence Modulation. 2020 , 8, 2001063	3
581	Supramolecular assemblies based on crown- and phosphoryl-substituted phthalocyanines and their metal complexes in microheterogeneous media. 2020 , 69, 1223-1244	7
580	Exciton Isolation in Cross-Pentacene Architecture. 2020 , 142, 17393-17402	7
579	Electron accepting naphthalene bisimide ligand architectures for modulation of π -stacking in nanocrystal hybrid materials. 2020 , 5, 1509-1514	2
578	Detection of Al ³⁺ and Fe ³⁺ Ions with Phthalocyanine-Merocyanine 540 Dye-Based Fluorescence Resonance Energy Transfer. 2020 , 41, 973-980	5
577	Optical gap and fundamental gap of oligoynes and carbyne. 2020 , 11, 4797	13
576	Self-assembly of photoresponsive azo-containing phospholipids with a polar group as the tail.. 2020 , 10, 32984-32991	3
575	Machine learning Frenkel Hamiltonian parameters to accelerate simulations of exciton dynamics. 2020 , 153, 074111	11
574	Temperature-dependent changes in the molecular orientation and visible color of phthalocyanine films.. 2020 , 10, 31348-31354	
573	Impact of the Interfacial Molecular Structure Organization on the Charge Transfer State Formation and Exciton Delocalization in Merocyanine:PC61BM Blends. 2020 , 124, 21978-21984	2
572	Chiroptical Properties in Thin Films of π -Conjugated Systems. 2020 , 120, 10145-10243	135

- 571 Excitation transport in molecular aggregates with thermal motion. **2020**, 22, 21169-21184
- 570 Multiple-Labeled Antibodies Behave Like Single Emitters in Photoswitching Buffer. **2020**, 14, 12629-12641 9
- 569 A Tale of Three Hydrophobicities: Impact of Constitutional Isomerism on Nanostructure Evolution and Electronic Communication in π -Conjugated Peptides. **2020**, 53, 7263-7273 6
- 568 Cesium Cation Complexation by a Flavin Receptor via Self-Assembly and Deprotonation. **2020**, 5, 21226-21230
- 567 Room-temperature phosphorescence from organic aggregates. **2020**, 5, 869-885 256
- 566 Spectral shift, electronic coupling and exciton delocalization in nanocrystal dimers: insights from all-atom electronic structure computations. **2020**, 12, 18124-18136 3
- 565 Interactions of mono spermine porphyrin derivative with DNAs. **2020**, 32, 1243-1249 0
- 564 Tautomeric and Aggregational Dynamics of Curcumin-Supersaturated Pluronic Nanocarriers. **2020**, 2, 4493-4511 7
- 563 Stacking Control by Molecular Symmetry of Sterically Protected Phthalocyanines. **2020**, 25,
- 562 Mind Your Dye: The Amyloid Sensor Thioflavin T Interacts with Sulfated Glycosaminoglycans Used To Induce Cross- β -Sheet Motifs. **2020**, 124, 11625-11633 3
- 561 Organic (TPyP)Eu₂[Pc(OPh)₈]₂/CdS self-assembled hybrid nano-transistors with high ambipolar performance. **2020**, 9, 13682-13691 3
- 560 Vibronic and excitonic dynamics in perylenediimide dimers and tetramer. **2020**, 153, 224101 2
- 559 Ultrafast Excited-State Dynamics in Molecular Aggregates of an Indotricarbocyanine Dye. **2020**, 87, 830-839 2
- 558 Trapped Exciton and Large Birefringence in Cl₂NDI Revealed by Optical Spectroscopy. **2020**, 124, 17829-17835 2
- 557 Supramolecular architecture and electrical conductivity in organic semiconducting thin films. **2020**, 22, 13554-13562 4
- 556 Annealing-enhanced birefringence and aggregation in MEH-PPV: A spectroscopic ellipsometry study. **2020**, 127, 093101 2
- 555 Reversible Luminescent Switching in an Organic Cocrystal: Multi-Stimuli-Induced Crystal-to-Crystal Phase Transformation. **2020**, 132, 15210-15215 9
- 554 [1]Benzothieno[3,2-b][1]benzothiophene-Phthalocyanine Derivatives: A Subclass of Solution-Processable Electron-Rich Hole Transport Materials. **2020**, 85, 2376-2386 7

553	Near-Quantitative Triplet State Population via Ultrafast Intersystem Crossing in Perbromoperylenediimide. 2020 , 124, 6867-6874	13
552	Enhancement in the solar efficiency of a dye-sensitized solar cell by molecular engineering of an organic dye incorporating N-alkyl-attached 1,8-naphthalamide derivative. 2020 , 8, 11407-11416	8
551	Der Einfluss von Aggregation auf die Photophysik von spiroverbrückten Heterotriangulenen. 2020 , 132, 16368-16376	3
550	Probing the amyloid protein aggregates with unsymmetrical monocationic trimethine cyanine dyes. 2020 , 311, 113287	8
549	The Impact of Aggregation on the Photophysics of Spiro-Bridged Heterotriangulenes. 2020 , 59, 16233-16240	5
548	Exciton-phonon polaritons in organic microcavities: Testing a simple ansatz for treating a large number of chromophores. 2020 , 152, 204113	4
547	Aggregation controlled photoluminescence of hexaazatri-naphthylene (HATN) - an experimental and theoretical study. 2020 , 22, 15437-15447	1
546	Probing the Interactions of Ochratoxin B, Ochratoxin C, Patulin, Deoxynivalenol, and T-2 Toxin with Human Serum Albumin. 2020 , 12,	8
545	Computationally Guided Tuning of Amino Acid Configuration Influences the Chiroptical Properties of Supramolecular Peptide-Peptide Nanostructures. 2020 , 36, 6782-6792	4
544	Glycosaminoglycan-Induced Emissive J-Aggregate Formation in a meso-Ester BODIPY Dye. 2020 , 8, 1902161	13
543	Noncovalent Intermolecular Interaction in Cofacially Stacked 24 π Antiaromatic Hexaphyrin Dimer. 2020 , 26, 16434-16440	4
542	Induction, control, and rationalization of supramolecular chirogenesis using metalloporphyrin tweezers: a structure-function correlation. 2020 , 49, 10679-10700	9
541	Spectral and Aggregative Properties of Acid Blue 113 in Aqueous and Aqueous Solutions of Urea and in Colloids of Silver Nanoparticles. 2020 , 49, 849-862	
540	A wave packet picture of exciton-exciton annihilation: Molecular dimer dynamics. 2020 , 152, 174305	2
539	Self-Sorting Supramolecular Polymerization: Helical and Lamellar Aggregates of Tetra-Bay-Acyloxy Perylene Bisimide. 2020 , 59, 17084-17090	20
538	Self-Sorting Supramolecular Polymerization: Helical and Lamellar Aggregates of Tetra-Bay-Acyloxy Perylene Bisimide. 2020 , 132, 17232-17238	8
537	Perylene derivative films: Emission from higher singlet excited state. 2020 , 226, 117478	1
536	Literatur. 2020 , 409-452	

535 Literatur. **2020**, 751-794

- 534 Computational Study on the Charge Transport and Optical Spectra of Anthracene Derivatives in Aggregates. **2020**, 21, 952-957 6
- 533 Self-Assembly of Pseudo-Isocyanine Chloride as a Sensor for Macromolecular Crowding In Vitro and In Vivo. **2020**, 26, 7041-7050 4
- 532 Chirality of a rhodamine heterodimer linked to a DNA scaffold: an experimental and computational study. **2020**, 22, 7516-7523 0
- 531 cis-Silicon phthalocyanine conformation endows J-aggregated nanosphere with unique near-infrared absorbance and fluorescence enhancement: a tumor sensitive phototheranostic agent with deep tissue penetrating ability. **2020**, 8, 2895-2908 6
- 530 Non-covalent interaction controlled 2D organic semiconductor films: Molecular self-assembly, electronic and optical properties, and electronic devices. **2020**, 75, 100481 14
- 529 Concentration - dependent fluorescence properties of Nile Red in TiO₂ based thin films. **2020**, 306, 112899 1
- 528 Liquid crystals from shape-persistent porphyrin stars with intrinsic free space. **2020**, 8, 5562-5571 4
- 527 Photophysics and photochemistry of NIR absorbers derived from cyanines: key to new technologies based on chemistry 4.0. **2020**, 16, 415-444 21
- 526 Liposome-Templated Indocyanine Green J- Aggregates for Near-Infrared Imaging and Stable Photothermal Heating. **2020**, 4, 91-106 18
- 525 Room-Temperature Inter-Dot Coherent Dynamics in Multilayer Quantum Dot Materials. **2020**, 124, 16222-16231 13
- 524 Recent Developments on Multi-Functional Metal-Free Mechanochromic Luminescence and Thermally Activated Delayed Fluorescence Organic Materials. **2020**, 8, 483 21
- 523 1-Mono- and 1,7-Disubstituted Perylene Bisimide Dyes with Voluminous Groups at Bay Positions: In Search for Highly Effective Solid-State Fluorescence Materials. **2020**, 32, 6222-6236 18
- 522 Discrete π -Stack of a Tweezer-Shaped Naphthalenediimide-Anthracene Conjugate. **2020**, 26, 13288-13294 1
- 521 Structure-Property Relationships on the Optical Properties of Rhodamine Thin Films. **2020**, 124, 16058-16068 2
- 520 Aggregation-Induced Intersystem Crossing: Rational Design for Phosphorescence Manipulation. **2020**, 124, 2238-2244 15
- 519 Spectroscopic and theoretical studies of fluorescence effects induced by the ESIPT process in a new derivative 2-Hydroxy-N-(2-phenylethyl)benzamide - Study on the effects of pH and medium polarity changes. **2020**, 15, e0229149 4
- 518 Two Orthogonal Halogen-Bonding Interactions Directed 2D Crystalline Supramolecular J-Dimer Lamellae. **2020**, 26, 4505-4509 17

517	Self-organization of octa-phenyl-2,3-naphthalocyaninato zinc floating layers. 2020 , 44, 3833-3837	10
516	Accurate First-Principles Calculation of the Vibronic Spectrum of Stacked Perylene Tetracarboxylic Acid Diimides. 2020 , 124, 3055-3063	8
515	Measurement and Theoretical Interpretation of Exciton Diffusion as a Function of Intermolecular Separation for Squaraines Targeted for Bulk Heterojunction Solar Cells. 2020 , 124, 4032-4043	4
514	Understanding the Driving Mechanisms of Enhanced Luminescence Emission of Oligo(styryl)benzenes and Tri(styryl)-s-triazine. 2020 , 26, 3373-3384	8
513	Donor-acceptor architectures of tetraphenylethene linked aza-BODIPYs: Synthesis, crystal structure, energy transfer and computational studies. 2020 , 176, 108249	8
512	Tuning Solid-State Luminescence in Conjugated Organic Materials: Control of Excitonic and Excimeric Contributions through π -Stacking and Halogen Bond Driven Self-Assembly. 2020 , 21, 616-624	14
511	Stepwise Folding and Self-Assembly of a Merocyanine Folda-Pentamer. 2020 , 142, 3321-3325	10
510	Aggregation enhances luminescence and photosensitization properties of a hexaiodo-BODIPY. 2020 , 4, 965-972	9
509	Efficient Synthesis of Arylenedioxy-Bridged Porphyrin Dimers through Catalyst-Free Nucleophilic Aromatic Substitution. 2020 , 85, 217-226	2
508	Living Supramolecular Polymerization of an Aza-BODIPY Dye Controlled by a Hydrogen-Bond-Accepting Triazole Unit Introduced by Click Chemistry. 2020 , 132, 5223-5230	10
507	Living Supramolecular Polymerization of an Aza-BODIPY Dye Controlled by a Hydrogen-Bond-Accepting Triazole Unit Introduced by Click Chemistry. 2020 , 59, 5185-5192	32
506	Electronic Structure Engineering of Carbon Nitride Materials by Using Polycyclic Aromatic Hydrocarbons. 2020 , 26, 6622-6628	11
505	Charge-Transfer Character in Excimers of Perylenediimides Self-Assembled on Anodic Aluminum Oxide Membrane Walls. 2020 , 124, 4369-4377	7
504	Achieving Highly Efficient Pure Organic Single-Molecule White-Light Emitter: The Coenhanced Fluorescence and Phosphorescence Dual Emission by Tailoring Alkoxy Substituents. 2020 , 8, 1901995	31
503	Spectroscopic Studies of a Phosphonium Ionic Liquid in Supercritical CO ₂ . 2020 , 4, 20	1
502	Photophysics of J-Aggregating Porphyrin-Lipid Photosensitizers in Liposomes: Impact of Lipid Saturation. 2020 , 36, 5385-5393	14
501	Circularly Polarized Luminescence of Isolated Small Organic Molecules. 2020 ,	37
500	Frenkel-Holstein Hamiltonian applied to absorption spectra of quaterthiophene-based 2D hybrid organic-inorganic perovskites. 2020 , 152, 144702	2

- 499 Reducing the Singlet-Triplet Energy Gap by End-Group H₂ Stacking Toward High-Efficiency Organic Photovoltaics. **2020**, 32, e2000975 32
- 498 Excitonically Coupled Cyclic BF Arrays of Calix[8]- and Calix[16]phyrin as Near-IR-Chromophores. **2020**, 59, 13063-13070 16
- 497 Excitonically Coupled Cyclic BF₂ Arrays of Calix[8]- and Calix[16]phyrin as Near-IR-Chromophores. **2020**, 132, 13163-13170 3
- 496 Persistent radical anions in panchromatic D-A hybrid heterostructures induced by anion- π interactions. **2020**, 180, 108468 5
- 495 Solvent tuning of photochemistry upon excited-state symmetry breaking. **2020**, 11, 1925 27
- 494 Reversible Symmetry-Breaking Charge Separation in a Series of Perylenediimide Cyclophanes. **2020**, 124, 10408-10419 16
- 493 Ultrafast Dynamics of Nonrigid Zinc-Porphyrin Arrays Mimicking the Photosynthetic "Special Pair". **2020**, 11, 3443-3450 7
- 492 Ultrabright fluorescent nanoscale labels for the femtomolar detection of analytes with standard bioassays. **2020**, 4, 518-530 53
- 491 Microviscosity and temperature sensors: The twists and turns of the photophysics of conjugated porphyrin dimers $\>$ SPP/JPP Young Investigator Award paper. **2020**, 24, 1372-1386 1
- 490 Reversible Luminescent Switching in an Organic Cocrystal: Multi-Stimuli-Induced Crystal-to-Crystal Phase Transformation. **2020**, 59, 15098-15103 45
- 489 Reversibly Switchable Fluorescent Molecular Systems Based on Metallacarborane-Perylenediimide Conjugates. **2021**, 27, 270-280 6
- 488 Temperature Induced Aggregation of Organic Semiconductors. **2021**, 27, 2908-2919 14
- 487 Pathway and Length Control of Supramolecular Polymers in Aqueous Media via a Hydrogen Bonding Lock. **2021**, 60, 4368-4376 22
- 486 Fluorescence tuning with a single dye embedded in a polymer matrix and its Application on multicolor OLEDs. **2021**, 186, 108979 0
- 485 Pfad- und Lngenkontrolle von supramolekularen Polymeren im wssrigen Medium mittels eines Wasserstoffbrckenschlosses. **2021**, 133, 4414-4423 7
- 484 Beyond p-Hexaphenylenes: Synthesis of Unsubstituted p-Nonaphenylene by a Precursor Protocol. **2021**, 27, 281-288 1
- 483 Study of the effect of the introduction of Tris(bipyridine)ruthenium(II) chloride into silicon dioxide particles by spectrofluorometry methods. **2021**, 246, 119007 2
- 482 Energy manipulation and metal-assisted photochromism in photochromic metal complex. **2021**, 427, 213579 21

481	Electronic spectroscopy and photophysics of calix[4]azulene. 2021 , 405, 112922	2
480	Ultra-thin film sensors based on porphyrin-5-ylphosphonate diesters for selective and sensitive dual-channel optical detection of mercury(II) ions. 2021 , 186, 108967	6
479	Electronic nature and structure of aggregates of riboflavin molecules. 2021 , 248, 119177	2
478	Oriented attachment and activated dipoles leading to anisotropic H-bond-free self-assembly of n-acene derivatives into organic nanoribbons emitting linearly polarised blue light. 2021 , 9, 136-147	0
477	Structure formation, optical properties and energy loss functions of meso-tetraphenylporphyrin manganese(III) chloride complex thin films for energy conversion applications. 2021 , 111, 110663	5
476	Bis-tetrabenzoporphyrinates of rare earths: Effective template synthesis, optical, electrochemical properties and conductivity in thin films. 2021 , 186, 108984	2
475	Stereoregular hybrid azobenzene-cyclosiloxanes with photoinduced reversible solid to liquid transition properties. 2021 , 407, 113033	2
474	Potassium Glutamate and Glycine Betaine Induce Self-Assembly of the PCNA and Sliding Clamps. 2021 , 120, 73-85	2
473	Supramolecularly Engineered J-Aggregates Based on Perylene Bisimide Dyes. 2021 , 54, 642-653	49
472	Highly luminescent liquid crystals by connecting 1,3,4-oxadiazole with thiazolo[5,4-d]thiazole units. 2021 , 321, 114887	10
471	Linear and nonlinear optical properties of human hemoglobin. 2021 , 244, 118855	0
470	Synthesis and Optoelectronic Properties of a Quinoxalino-Phenanthrophenazine (QPP) Extended Tribenzotriquinacene (TBTQ). 2021 , 27, 2043-2049	6
469	Ion-pairing Electronic systems: ordered arrangement and noncovalent interactions of negatively charged porphyrins. 2021 , 12, 9645-9657	6
468	Synthesis and characterization of heteroleptic rare earth double-decker complexes involving tetradiazepinoporphyrazine and phthalocyanine macrocycles. 2021 , 50, 6245-6255	1
467	Polymethine Dyes. 2021 , 3-19	
466	Substituent Effects on the Solubility and Electronic Properties of the Cyanine Dye Cy5: Density Functional and Time-Dependent Density Functional Theory Calculations. 2021 , 26,	10
465	Effects of the Mixing Protocol on the Self-Assembling Process of Water Soluble Porphyrins. 2021 , 22,	2
464	Unusual binary aggregates of perylene bisimide revealed by their electronic transitions in helium nanodroplets and DFT calculations. 2021 , 23, 13862-13872	1

463	Azobenzene isomerization in condensed matter: lessons for the design of efficient light-responsive soft-matter systems. 2021 , 2, 4152-4164	1
462	Non-Arrhenius kinetics and slowed-diffusion mechanism of molecular aggregation of a rhodamine dye on colloidal particles. 2021 , 23, 17177-17185	1
461	First-principles studies of substituent effects on squaraine dyes.. 2021 , 11, 19029-19040	9
460	The role of twisting in driving excited-state symmetry breaking and enhanced two-photon absorption in quadrupolar cationic pyridinium derivatives. 2021 , 23, 16739-16753	4
459	Exploiting coordination geometry to tune the dimensions and processability of metallocsupramolecular polymers. 2021 , 8, 4138-4143	1
458	J-Aggregation Enhanced Thermally Activated Delayed Fluorescence for Amplified Spontaneous Emission.	
457	Mechanism and equilibrium thermodynamics of H- and J-aggregate formation from pseudo isocyanine chloride in water. 2021 , 17, 8140-8152	1
456	Nature of Optical Excitations in Porphyrin Crystals: A Joint Experimental and Theoretical Study. 2021 , 12, 869-875	2
455	Effect of counter-anions on the aggregation of Thioflavin-T. 2021 , 23, 9948-9961	0
454	DNA/RNA Fluorescence Imaging by Synthetic Nucleic Acids. 2021 , 1310, 475-493	
453	Excited state mechanisms in crystalline carbazole: the role of aggregation and isomeric defects. 2021 , 9, 11882-11892	5
452	The role of conformational heterogeneity in the excited state dynamics of linked diketopyrrolopyrrole dimers. 2021 , 23, 9357-9364	4
451	Singlet Fission in a Flexible Bichromophore with Structural and Dynamic Control. 2021 , 143, 2361-2371	7
450	Mutually exclusive hole and electron transfer coupling in cross stacked acenes.. 2021 , 12, 5064-5072	4
449	The initial attempt to reveal the emission processes of both mechanoluminescence and room temperature phosphorescence with the aid of circular dichroism in solid state. 2021 , 64, 445-451	22
448	J-aggregation induced emission enhancement of BODIPY dyes via H-bonding directed supramolecular polymerization: the importance of substituents at boron. 2021 , 8, 4078-4085	6
447	Tuning energy landscapes and metal-metal interactions in supramolecular polymers regulated by coordination geometry. 2021 , 12, 5236-5245	6
446	Role of Conical Intersections on the Efficiency of Fluorescent Organic Molecular Crystals. 2021 , 125, 1012-1024	8

445	0D, 1D, and 2D Supramolecular Nanoassemblies of a Porphyrin: Controllable Assembly, and Dimensionality-Dependent Catalytic Performances. 2021 , 31, 2100367	15
444	Nonoxidative Strategy for Monitoring Peroxynitrite Fluctuations in Immune Responses of Tumorigenesis. 2021 , 93, 3426-3435	11
443	Influence of Rose Bengal Dimerization on Photosensitization. 2021 , 97, 718-726	1
442	Thin films of poly(oxyethylene)-substituted phthalocyaninato zinc(II) and oxotitanium(IV) complexes: synthesis, structure and sensor response to ammonia. 2021 , 32, 5955-5964	1
441	Thioether linked meso functionalized BODIPY DYEmers. 2021 , 25, 428-435	
440	Double-TwistBased Dynamic Induction of Optical Activity in Multichromophoric System. 2021 , 13, 325	0
439	Effect of varying the TD-lc-DFTB range-separation parameter on charge and energy transfer in a model pentacene/buckminsterfullerene heterojunction. 2021 , 154, 054102	5
438	Rotaxane rings promote oblique packing and extended lifetimes in DNA-templated molecular dye aggregates.. 2021 , 4,	11
437	Organic dye assemblies with aggregation-induced photophysical changes and their bio-applications. 2021 , 2, e39	15
436	Synthesis and Self-Assembly Properties of Bola-Amphiphilic Glycosylated Lipopeptide-Type Supramolecular Hydrogels Showing Colour Changes Along with Gel-Sol Transition. 2021 , 22,	1
435	Limitations of Linear Dichroism Spectroscopy for Elucidating Structural Issues of Light-Harvesting Aggregates in Chlorosomes. 2021 , 26,	3
434	Solubilization of Charged Porphyrins in Interpolyelectrolyte Complexes: A Computer Study. 2021 , 13,	1
433	Insight into the Molecular Model in Carbon Dots through Experimental and Theoretical Analysis of Citrazinic Acid in Aqueous Solution. 2021 , 125, 4836-4845	9
432	Ultrafast Excimer Formation and Solvent Controlled Symmetry Breaking Charge Separation in the Excitonically Coupled Subphthalocyanine Dimer. 2021 , 60, 10568-10572	12
431	Ultrafast Energy Transfer Dynamics in a Squaraine Heterotriad. 2021 , 125, 2504-2511	2
430	Fabrication, characterization and optical properties of poly(p-phenylenediamine-co β -aminophenol) nanostructure thin film. 2021 , 127, 1	4
429	Perspectives in Dye Chemistry: A Rational Approach toward Functional Materials by Understanding the Aggregate State. 2021 , 143, 4500-4518	46
428	Ultrabright Fluorescent Organic Nanoparticles Based on Small-Molecule Ionic Isolation Lattices*. 2021 , 60, 9450-9458	9

427	BODIPY dimers: structure, interaction, and absorption spectrum. 2021 , 32, 953-965	2
426	Electroactive peptide-based supramolecular polymers. 2021 , 10, 100099	5
425	Ultrafast Dynamics and Photoresponse of a Fungi-Derived Pigment Xylindein from Solution to Thin Films. 2021 , 27, 5627-5631	7
424	Impact of Zn ²⁺ introduced into the central cavity of meso-tetra(4-pyridyl)porphine on its spectroscopic features. 2021 , 113, 110893	2
423	The Impact of Aggregation of Quaterthiophenes on the Excited State Dynamics. 2021 , 12, 3424-3430	5
422	Controllable Self-Assembly of Peptide-Cyanine Conjugates In Vivo as Fine-Tunable Theranostics. 2021 , 60, 7809-7819	19
421	Ultrafast Excimer Formation and Solvent Controlled Symmetry Breaking Charge Separation in the Excitonically Coupled Subphthalocyanine Dimer. 2021 , 133, 10662-10666	1
420	Investigating Primary Charge Separation in the Reaction Center of. 2021 , 125, 3468-3475	1
419	Structural, spectroscopic, thermal, electrical and mechanical properties of lanthanum chloride coordinated with salicylic acid and lanthanum chloride coordinated with glycine and salicylic acid complexes. 2021 , 32, 9044-9064	
418	Controllable Self-Assembly of Peptide-Cyanine Conjugates In Vivo as Fine-Tunable Theranostics. 2021 , 133, 7888-7898	2
417	Langmuir-Schaefer Perylene Derivative Films: Influence of the Molecular Chemical Structure on the Supramolecular Arrangement. 2021 , 37, 3836-3848	0
416	Photocatalytic and solar radiation harvesting potential of a free-base porphyrin-zinc (II) phthalocyanine heterodyad functionalized polystyrene polymer membrane for the degradation of 4-chlorophenol. 2021 , 409, 113142	1
415	Switching resonance character within merocyanine stacks and its impact on excited-state dynamics. 2021 , 7, 715-725	7
414	Understanding Mechanochromic Luminescence on Account of Molecular Level Based on Phosphorescent Iridium(III) Complex Isomers. 2021 , 60, 3741-3748	4
413	Aggregation-Induced Emission: From Small Molecules to Polymers-Historical Background, Mechanisms and Photophysics. 2021 , 379, 15	12
412	Development of Phthalocyanine-Based Functional Molecules with Tunable Optical and Chiroptical Properties. 2021 , 94, 872-878	2
411	Ultrabright Fluorescent Organic Nanoparticles Based on Small-Molecule Ionic Isolation Lattices**. 2021 , 133, 9536-9544	2
410	Coexistence of Parallel and Rotary Stackings in the Lamellar Crystals of a Perylene Bisimide Dyad for Temperature-Sensitive Bicomponent Emission. 2021 , 12, 3373-3378	1

409	Syntheses of Water-Soluble Silver(II)-Phthalocyanines toward Optical Sensing for Thiol Detection. 2021 , 60, 6739-6745	1
408	Understanding the Electrochemistry of Ruthenium Complex Thin Films to Guide the Design of Improved Energy Storage Electrodes. 2021 , 125, 8965-8979	1
407	Luminescence in Crystalline Organic Materials: From Molecules to Molecular Solids. 2021 , 9, 2002251	36
406	Tuning the Behavior of a Hydrotalcite-Supported Sulfonated Bithiophene from Aggregation-Caused Quenching to Efficient Monomer Luminescence. 2021 , 125, 8294-8303	1
405	Enhanced Two-Photon Absorption and Promising Broad Energy Range Optical Power Limiting Properties of Transoid and Cisoid Benzodipyrrolenine-Fused Squaraine Dimers. 2021 , 33, 3121-3131	1
404	What Leads to Aggregation-Induced Emission?. 2021 , 12, 4218-4226	7
403	Polymer Nanocomposites for Photocatalytic Degradation and Photoinduced Utilizations of Azo-Dyes. 2021 , 13,	5
402	Nonlinear optical properties of meso-Tetra(fluorenyl)porphyrins peripherally functionalized with one to four ruthenium alkynyl substituents. 2021 , 188, 109155	6
401	Impact of Ring-Fusion on the Excited State Decay Pathways of N-Annulated Perylene Diimides. 2021 , 125, 10500-10515	1
400	Unsymmetric squaraine for narrow band green-selective organic photodetectors. 2021 , 92, 106122	3
399	From cuvette to cells: How the central metal ion modulates the properties of phthalocyanines and porphyrazines as photosensitizers. 2021 , 519, 120271	7
398	Polymorphism in Squaraine Dye Aggregates by Self-Assembly Pathway Differentiation: Panchromatic Tubular Dye Nanorods versus J-Aggregate Nanosheets. 2021 , 60, 11949-11958	19
397	Polymorphism in Squaraine Dye Aggregates by Self-Assembly Pathway Differentiation: Panchromatic Tubular Dye Nanorods versus J-Aggregate Nanosheets. 2021 , 133, 12056-12065	5
396	Molecular Structure Effects on the Aggregation Motif of Porphyrins: Computational Insights. 2021 , 4, 2100050	
395	Activatable Carbocyanine Dimers for Photoacoustic and Fluorescent Detection of Protease Activity. 2021 , 6, 2356-2365	17
394	Ultrafast Resonance Energy Transfer in Ethylene-Bridged BODIPY Heterooligomers: From Frenkel to Förster Coupling Limit. 2021 , 143, 7414-7425	12
393	Conjugated-linker dependence of the photophysical properties and electronic structure of chlorin dyads. 2021 , 25, 639-663	2
392	Tuning J-aggregate Formation and Emission Efficiency in Cationic Diazapentacenium Dyes. 2021 , 27, 7826-7830	4

- 391 Effect of ms-substitution on aggregation behavior and spectroscopic properties of BODIPY dyes in aqueous solution, Langmuir-Schaefer and poly(methyl methacrylate) thin films. **2021**, 618, 126449 3
- 390 Dipolar state assisted aggregation induced optical behavior of push-pull Salen-type Schiff base (BIHyDE) in solution. **2021**, 1234, 130140 1
- 389 A Machine-Learning Protocol for Ultraviolet Protein-Backbone Absorption Spectroscopy under Environmental Fluctuations. **2021**, 125, 6171-6178 6
- 388 Large-Area Semi-Transparent Luminescent Solar Concentrators Based on Large Stokes Shift Aggregation-Induced Fluorinated Emitters Obtained Through a Sustainable Synthetic Approach. **2021**, 9, 2100182 14
- 387 Pulse Radiolysis Investigation of Radicals Derived from Water-Soluble Cyanine Dyes: Implications for Super-resolution Microscopy. **2021**, 125, 5779-5793 3
- 386 A hybrid aggregate FRET probe from the mixed assembly of cyanine dyes for highly specific monitoring of mitochondria autophagy. **2021**, 1165, 338561 1
- 385 High-selective room-temperature NO₂ sensors based on a coumarin-substituted tris(phthalocyaninato) europium. A-G
- 384 Spectral investigation of phthalocyanine complexes of high-valence silver and their aggregates. **2021**, 219, 111427 2
- 383 Tailoring the excited-state energy landscape in supramolecular nanostructures. **2021**, 3, 023001 3
- 382 Through Bridge Spin Coupling in Homo- and Heterobimetallic Porphyrin Dimers upon Stepwise Oxidations: A Spectroscopic and Theoretical Investigation. **2021**, 27, 11428-11441 2
- 381 Synthetic Access to Benzimidacarbocyanine Dyes to Tailor Their Aggregation Properties. **2021**, 86, 8641-8651 0
- 380 Ethylthio-substituted sandwich phthalocyaninato europium (III) semiconductors for sensing NO₂ and NH₃: Effect of the extended π -conjugate systems on tuning the conductivity and sensing behavior. **2021**, 93, 106151 2
- 379 Organic molecular aggregates: From aggregation structure to emission property. **2021**, 2, e96 11
- 378 Pyrrolyl-Appended Zinc Porphodimethenes: Branched Oligopyrrole Products From the Templated One-Pot Isoporphyrin Synthesis. **2021**, 2021, 3239-3246 1
- 377 The structural features of poly(dG-dC).poly(dG-dC) at complexation with some porphyrins. **2021**, 1-6
- 376 Spectra and nature of the electronic states of [1]Benzothieno[3,2-b][1]benzothiophene (BTBT): Single crystal and the aggregates. **2021**, 155, 034504
- 375 Tuning relaxation pathways and aggregate-state fluorescence properties of 2-(2-hydroxyphenyl)benzothiazole derivatives by switching position of electron-withdrawing substituent. **2021**, 191, 109359 2
- 374 On the Low-Lying Electronically Excited States of Azobenzene Dimers: Transition Density Matrix Analysis. **2021**, 26, 0

373	Charged Porphyrins: Electronic Systems That Form Ion-Pairing Assembled Structures.	3
372	Effect of Dimer Structure and Inhomogeneous Broadening of Energy Levels on the Action of Flavomononucleotide in Rigid Polyvinyl Alcohol Films. 2021 , 22,	1
371	Synthesis, characterization, thermal and photophysical properties of novel strontium (II) phthalocyanine. 1	1
370	Coupling between Emissive Defects on Carbon Nanotubes: Modeling Insights. 2021 , 12, 7846-7853	4
369	Long Alkyl Chain Induced OFET Characteristic with Low Threshold Voltage in an n-Type Perylene Monoimide Semiconductor. 2021 , 3, 3575-3587	3
368	Null Exciton-Coupled Chromophoric Dimer Exhibits Symmetry-Breaking Charge Separation. 2021 , 143, 13769-13781	13
367	Bis-N-Heterocyclic Carbene Complexes of Coinage Metals Containing Four Naphthalimide Units: A Structure-Emission Properties Relationship Study. 2021 , 60, 12924-12933	1
366	Recognition and Sensing of Chiral Organic Molecules by Chiral Porphyrinoids: A Review. 2021 , 9, 204	2
365	One-Pot Access to Ethylene-Bridged BODIPY Dimers and Trimers through Single-Electron Transfer Chemistry. 2021 , 86, 15761-15767	2
364	Modulating Tri-Mode Emission for Single-Component White Organic Afterglow. 2021 , 60, 24984-24990	3
363	Insight into dual fluorescence effects induced by molecular aggregation occurring in membrane model systems containing 1,3,4-thiadiazole derivatives. 2021 , 50, 1083-1101	2
362	Establishing design principles for emissive organic SWIR chromophores from energy gap laws.. 2021 , 7, 3359-3376	15
361	Synthesis of folded H-stacking skipped polymers consisting of different 2-substituted trimethylene tethering units and their optical and conductive property. 2021 , 230, 124037	
360	Photophysics of thiazole orange in deep eutectic solvents. 2021 , 258, 119812	1
359	Exciton dispersion in para-quaterphenyl: Significant molecular interactions beyond Coulomb coupling. 2021 , 11, 095313	0
358	Thermal annealing impact on structural, optical and dispersion parameters of zinc tetrapyrrolylporphyrin as a potential absorber thin film for energy conversion and storage devices. 2021 , 53, 1	
357	Quinoid-Aromatic Resonance for Very Small Optical Energy Gaps in Small-Molecule Organic Semiconductors: A Naphthodithiophenedione-oligothiophene Triad System. 2021 , 27, 15660-15670	1
356	Doping and Surface Modification of Carbon Quantum Dots for Enhanced Functionalities and Related Applications. 2021 , 38, 2100170	13

- 355 Aggregation induced emission in 1,8-naphthalimide embedded nanomicellar architecture as a platform for fluorescent ratiometric pH-probe with biomedical applications. **2021**, 418, 113380 2
- 354 J-Aggregation-Driven Supramolecular Assembly of Dye-Conjugated Block Polymers: From Morphological Tailoring to Anticancer Applications. 2105189 2
- 353 Recent advances in room temperature phosphorescence of crystalline boron containing organic compounds. e123 5
- 352 Excited-State Lifetimes of DNA-Templated Cyanine Dimer, Trimer, and Tetramer Aggregates: The Role of Exciton Delocalization, Dye Separation, and DNA Heterogeneity. **2021**, 125, 10240-10259 10
- 351 Elucidating Inner Workings of Naturally Sourced Organic Optoelectronic Materials with Ultrafast Spectroscopy. **2021**, 2
- 350 Modulating Tri-Mode Emission for Single-Component White Organic Afterglow. 0
- 349 Exciton Coupling in Redox-Active Salen based Self-Assembled Metallacycles. **2021**, 27, 16161-16172
- 348 Photoinduced electron transfer for improved FET performance based on the hybrid film of an amphiphilic perylene diimide and CdS. **2021**, 132, 108829
- 347 Photoisomerizable azobenzene dyes incorporated into polymers and dendrimers. Influence of the molecular aggregation on the nonlinear optical properties. **2021**, 194, 109551 3
- 346 Head-to-Tail interlocking aromatic rings of a hydrazine functionalized Schiff base for the development of Nano-aggregates with blue emission: Structural and spectroscopic characteristics. **2021**, 340, 117193 2
- 345 Tuning of interfacial charge transport in polyporphine/phthalocyanine heterojunctions by molecular geometry control for an efficient gas sensor. **2022**, 429, 132453 5
- 344 Recent progress in organic color-tunable phosphorescent materials. **2022**, 101, 264-284 9
- 343 Dynamic adjustment of emission from both singlets and triplets: the role of excited state conformation relaxation and charge transfer in phenothiazine derivatives. **2021**, 9, 1378-1386 5
- 342 Introduction. **2021**, 1-4
- 341 Photoluminescence Dynamics Defined by Exciton Trapping Potential of Coupled Defect States in DNA-Functionalized Carbon Nanotubes. **2021**, 15, 923-933 5
- 340 Freeing Organic Semiconductor Nanowires from Nanoporous Aluminum Oxide Templates: Effects on Morphology, Crystal Structure, and Molecular Aggregation. **2021**, 21, 721-728 1
- 339 Aggregation-Induced Emission Properties in Fully π -Conjugated Polymers, Dendrimers, and Oligomers. **2021**, 13, 13
- 338 Folding and fluorescence enhancement with strong odd-even effect for a series of merocyanine dye oligomers. **2021**, 12, 8342-8352 3

337	Fundamental Aspects of Xanthene Dye Aggregation on the Surfaces of Nanocluster Polyoxometalates: H- to J-Aggregate Switching. 2020 , 26, 5685-5693	7
336	Energy transfer, charge transfer, and proton transfer in molecular composite systems. 1991 , 58, 231-51; discussion 251-5	21
335	Theoretical Principles of Fluorescence Spectroscopy. 2016 , 91-149	5
334	Electronic Processes in Macromolecular Metal Complexes. 1996 , 153-265	2
333	Photooxidation of the Reaction Center Chlorophylls and Structural Properties of Photosynthetic Reaction Centers. 1982 , 80-151	11
332	Ultrafast Photoswitching Dynamics of Azobenzenes with Intra- and Intermolecular Constraints. 2017 , 237-259	1
331	Propeller Chirality: Circular Dichroism and Circularly Polarized Luminescence. 2020 , 151-175	1
330	ADVANCES IN MOLECULAR ENGINEERING FOR QUADRATIC NONLINEAR OPTICS. 1994 , 129-200	19
329	Electron Transfer Reactions in Reaction Centers of Photosynthetic Bacteria and in Reaction Center Models. 1982 , 79-117	1
328	Energy Transfer in Polymers. 1972 , 25-54	2
327	Bacteriochlorophyll-Proteins from Green Photosynthetic Bacteria. 1979 , 473-494	1
326	OPTICALLY-DETECTED MAGNETIC RESONANCE OF TRIPLET STATES. 1989 , 633-684	9
325	Energy transfer and trapping in photosystem I. 1992 , 471-499	15
324	Enhancement of emission by surfactant-induced aggregation in poly(phenylenevinylene)-based lipochromophores. 2020 , 179, 108410	5
323	A voltammetry biosensor based on self-assembled layers of a heteroleptic tris(phthalocyaninato) europium triple-decker complex and tyrosinase for catechol detection. 2020 , 139, 109578	4
322	Understanding bilirubin conformation and binding. Circular dichroism of human serum albumin complexes with bilirubin and its esters.. 1988 , 263, 16669-16676	86
321	Polymorphism-Dependent Enhanced Emission in Molecular Aggregates: J-Aggregate versus X-Aggregate. 2020 , 11, 10504-10510	7
320	Domino-like multi-emissions across red and near infrared from solid-state 2-/2,6-aryl substituted BODIPY dyes. 2018 , 9, 2688	57

319	The embedding of fluorescent -methyl-9-acridone into a topological new layered aluminophosphate SYSU-2 by one-pot synthesis. 2020 , 49, 17033-17038	1
318	Solvent independent symmetry-breaking charge separation in terrylenediimide guanine-quadruplex nanoparticles. 2020 , 153, 204302	3
317	Enhancement of charge transfer in thermally-expanded and strain-stabilized TIPS-pentacene thin films. 2020 , 2,	3
316	Glycosylated Porphyrins: Characterization of Association in Aqueous Solutions by Absorption and Fluorescence Spectroscopies and Determination of Singlet Oxygen Yield in Organic Media. 1998 , 67, 511-518	22
315	Vapor Pressure of Some Metal Phthalocyanines. 2008 , 82, 159-163	5
314	Molecular Interactions in Monolayers of Azo Dye/Liquid Crystal Mixtures at Interfaces. 2009 , 116, 203-210	2
313	Development of a range of fluorescent reagentless biosensors for ATP, based on malonyl-coenzyme A synthetase. 2017 , 12, e0179547	2
312	The effect of pH on the photophysics and photochemistry of disulphonated aluminum phthalocyanine. 2000 , 71, 397-404	43
311	Development of a Program to Estimate Dye-Configurations in Chirogenic Porphyrin Ensembles from UV-Vis. and CD Spectra. 2005 , 4, 107-118	1
310	Bis(Diquaternary Ammonium)Salts: Synthesis, Effect of Spacer on Surface Activities and Aggregation Properties of Reactive Red 198 in Aqueous Surfactants Solutions. 2011 , 48, 239-249	2
309	Kinetically Controlled Self-Assembly of Phthalocyanine-Peptide Conjugate Nanofibrils Enabling Superlarge Redshifted Absorption. 2019 , 1, 173-180	43
308	Direct Determination of the Absolute Configurations of Chiral Cyanohydrins Using Bis(zinc porphyrin) as a CD-Sensitive Bidentate Host. 2019 , 98, 1215	2
307	Energy Relaxation Dynamics of Excited Triplet States of Directly Linked Zn(II)Porphyrin Arrays. 2002 , 23, 271-276	13
306	Excitation Energy Migration in Multiporphyrin Arrays. 2005 , 26, 19-31	19
305	Assemblies of Porphyrin Layers on ITO and Deposition of Polyaniline on Porphyrin Layered ITO. 2006 , 27, 1497-1499	2
304	High-density array of Au nanowires coupled by plasmon modes. 2012 , 61, 237105	5
303	Planar hexaphyrin-like macrocycles turning into bis-BODIPYs with box-shaped structures exhibiting excitonic coupling. 2021 , 57, 11485-11488	1
302	Ferromagnetic Coupling in Oxidovanadium(IV)-Porphyrin Radical Dimers. 2021 , 60, 16492-16506	0

301	Polarization Resolved Optical Excitation of Charge-Transfer Excitons in PEN:PFP Cocrystalline Films: Limits of Nonperiodic Modeling. 2021 , 12, 9899-9905	0
300	Fluorescence Enhancement through Confined Oligomerization in Nanochannels: An Anthryl Oligomer in a Metal-Organic Framework. 2021 , 3, 1599-1604	1
299	Slip-Stacked J-Aggregate Materials for Organic Solar Cells and Photodetectors. 2021 , e2104678	16
298	The isomeric effect on structure and photophysical property of organic fluorescent material: synthesis, structures, and photophysical properties of two novel D _A prototype fluorescent material. 1	
297	Quorum Sensing Quinolone Signal Forms Chiral Supramolecular Assemblies With the Host Defense Peptide LL-37. 2021 , 8, 742023	2
296	Single Molecule Pump-Probe Detection on Coupled Quantum Systems. 2006 ,	
295	Structural Studies Related to Photosynthesis: A Model for Chlorophyll Aggregates in Photosynthetic Organisms. 159-177	2
294	Intermolecular Interactions in Organic Dye Monolayers Formed by Langmuir-Blodgett Technique. 2010 , 117, 525-531	
293	Fluorescent Organic Nanoparticles. 2011 , 36, 421-424	3
292	. 2012 , 02, 32-37	
291	Structural and Functional Mimics of Light-Harvesting Systems in Bacterial Photosynthesis. 2012 , 289-347	
290	Organic Photodiode with High Infrared Light Sensitivity Based on Tin Phthalocyanine/C60Bulk Heterojunction and Optical Interference Effect. 2012 , 51, 034103	1
289	Introduction and Basic Theory. 2013 , 1-33	
288	Orientation of the Chromophores in the Reaction Center of Rhodospseudomonas viridis. Comparison of Low-Temperature Linear Dichroism Spectra with a Model Derived from X-Ray Crystallography. 1985 , 109-121	1
287	Polar and Non-Polar Organic Molecules, Crystals and Langmuir-Blodgett Films for Quadratic Nonlinear Optics. 1991 , 81-103	
286	Electronic Excited States of Biomolecular Systems: Ab Initio FSGO-based Quantum Mechanical Methods with Applications to Photosynthetic and Related Systems. 1991 , 65-102	
285	Electronic Excited States of Biomolecular Systems: Ab Initio FSGO-based Quantum Mechanical Methods with Applications to Photosynthetic and Related Systems. 1991 , 65-102	
284	Organization and spectroscopy of dyes on submicron-sized crystalline solids. 1994 , 469-482	2

- 283 Optical spectroscopy and simulation-based analysis of thin films of zinc porphyrin derivatives. **1999**, 179-180
- 282 ORDERED ADSORPTION OF ORGANIC MOLECULES ON INORGANIC NANOPARTICLES. **2015**, 34-42 1
- 281 Clay Surfaces: Adsorption of Dyes. **2015**, 1128-1149
- 280 Photophysical Properties of Perylenetetracarboxylic Diimide Dimers with Slipped Face-to-Face Stacked Structure and Different Bay Substitutions. **2016**, 04, 1-8
- 279 Photocatalytic degradation of methyl orange in the presence of maleoylchitosan and titanium dioxide. **2016**, 38, 307-311
- 278 DNA Molecular Electronics. **2017**, 95-109
- 277 Fluorescence Sensory System Orchestrated by Molecular Self-Assembly. **2017**, 75, 49-61 1
- 276 Single-molecule electroluminescence and its relevant latest progress. **2018**, 67, 223301 1
- 275 Novel Trimethine Cyanine Dye as Potential Amyloid Marker. **2018**, 0
- 274 Applications of AIE to Molecular Recognition: Why Is It Superior to Unimolecular Recognition?. **2019**, 195-221
- 273 Investigation of the scintillation properties of plastic scintillator based on 2,5-diaryloxadiazole alkyl derivative. **2019**, 26, 65-70
- 272 Controlling H⁺- and J-aggregation of an indotricarbocyanine dye in aqueous solutions of inorganic salts. **2020**, 19-27 0
- 271 Control of Photoinduced Charge Separation in Conjugated Polyelectrolyte Complexes through Microstructure-Dependent Exciton Delocalization. **2021**, 125, 22982-22997 1
- 270 Chemical Tuning of Exciton versus Charge-Transfer Excited States in Conformationally Restricted Arylene Cages. **2021**, 143, 18548-18558 1
- 269 BODIPY dyes: Versatile building blocks to construct multiple types of self-assembled structures. **2021**, 2, 041304 2
- 268 Direct observation of defect modes in molecular aggregate analogs. **2020**, 102, 0
- 267 Role of Cobalt(III) Cationic Complexes in the Self-Assembling Process of a Water Soluble Porphyrin. **2020**, 22, 0
- 266 A selective and stable vapochromic system constructed by pillar[5]arene-based host-guest interactions. **2022**, 197, 109885 2

- 265 Salen-type metal complexes based on structural database of X-ray crystallography. **2022**, 69-109
- 264 Positive isotope effect in thermally activated delayed fluorescence emitters based on deuterium-substituted donor units. **2022**, 430, 132822 3
- 263 Enhanced photoreduction of water catalyzed by a cucurbit[8]uril-secured platinum dimer.. **2021**, 12, 15347-15352 1
- 262 Fluorescent Organic Dyes and Conjugated Polymers in Nanoscale Ensembles. **2020**, 307-355
- 261 Design of Mesoscopic Ordered Titania and Silica Hybrid Sol-Gel Films as Planar Waveguide. **2020**, 131-137
- 260 Challenging a preconception: Optoacoustic spectrum differs from the absorption spectrum of proteins and dyes for molecular imaging. 1
- 259 Potassium Glutamate and Glycine Betaine Induce Self-Assembly of Sliding Clamps into Higher Order Oligomers.
- 258 Feasibility of Using Luminescence Spectroscopy for Analyzing Phthalates Upon Their Conversion into Fluorescein. **2021**, 88, 958
- 257 Cellulose mediated conjugated polymer nanoparticles with enhanced fluorescence efficiency for bioimaging. **2021**,
- 256 Efficient deep blue emission by 4-styrylbenzonitrile derivatives in solid state: Synthesis, aggregation induced emission characteristics and crystal structures. **2021**, 267, 120575 1
- 255 Optically Detected Magnetic Resonance (ODMR) of Triplet States in Photosynthesis. **1996**, 277-298
- 254 Molecular Recognition of Ions at Liquid/Liquid Interfaces. **2005**, 233-248
- 253 Symmetry-Breaking Charge Separation in Phenylene-Bridged Perylenediimide Dimers. **2021**, 125, 7633-7643 5
- 252 Dynamic variation of excitonic coupling in excited bilayer graphene quantum dots□ **2021**, 34, 591-597
- 251 Accurate Machine Learning Prediction of Protein Circular Dichroism Spectra with Embedded Density Descriptors.. **2021**, 1, 2377-2384 4
- 250 FluorescenceBphosphorescence Manipulation and Atom Probe Observation of Fully Inorganic Silver Quantum Clusters: Imitating from and Behaving beyond Organic Hosts. 2101632 0
- 249 Stereoisomeric selection upon adsorption: A structural and optical study of curcuminoid derivatives on ultrathin films of KCl on Au(111) and on bulk KCl(001). **2021**, 104,
- 248 Folding-induced Fluorescence Enhancement in a Series of Merocyanine Hetero-Folda-Trimers. **2022**, 134, e202114667

- 247 Folding-induced Fluorescence Enhancement in a Series of Merocyanine Hetero-Folda-Trimers. **2021**, 61, e202114667 0
- 246 Ultrabright Red to NIR Emitting Fluorescent Organic Nanoparticles Made from Quadrupolar Dyes with Giant Two-Photon Absorption (2PA) in the NIR Region. Confinement Effect on Fluorescence and 2PA and Tuning of Surface Properties. **2021**, 125, 25695-25705 0
- 245 Cationic dye molecules in zeolite L as artificial antenna. **1995**, 107, 753 4
- 244 Spectroscopic studies on monomers and dimers of thiaporphyrins. **1990**, 102, 307-318 11
- 243 The improved photocurrent density of D35-cpdt and DN-F10 via co-sensitization process in dye-sensitized solar cells. **2022**, 28, 1461 1
- 242 Fluctuating local field approach to free energy of one-dimensional molecules with strong collective electronic fluctuations. **2022**, 105, 0
- 241 Polymeric Indolenine-Squaraine Foldamers with a Preferred Helix Twist Sense and Their Chiroptical Absorption and Emission Properties. 1
- 240 Methyl group: A potential building block for edge-to-face interlocking of benzimidazole scaffolds in developing blue light emitting molecular aggregates. **2022**, 347, 118340 0
- 239 Meso-aryl-substituted thiacyanocyanine dyes as spectral-fluorescent probes for DNA.. **2021**, 269, 120744 0
- 238 Donor-Acceptor Molecule Based High Performance Photothermal Organic Material for Efficient Water-Electric Cogeneration. 0
- 237 Mg²⁺ enhanced information point fluorescence contrast for aggregation-induced emission optical storage. **2022**, 0
- 236 J-aggregation enhanced thermally activated delayed fluorescence for amplified spontaneous emission. **2022**, 3, 100686 1
- 235 Anhydride-Terminated Solid-State Carbon Dots with Bright Orange Emission Induced by Weak Excitonic Electronic Coupling.. **2022**, 2
- 234 Side-Chain-Tuned Molecular Packing Allows Concurrently Boosted Photoacoustic Imaging and NIR-II Fluorescence. 0
- 233 Dual Time-Scale Proton Transfer and High-Energy, Long-Lived Excitons Unveiled by Broadband Ultrafast Time-Resolved Fluorescence in Adenine-Uracil RNA Duplexes.. **2022**, 302-311 2
- 232 Molecular Aggregation Dynamics via a Liquid-like Cluster Intermediate during Heterogeneous Evaporation as Revealed by Hyperspectral Camera Fluorescence Imaging.. **2022**, 0
- 231 Efficient Long-Range Triplet Exciton Transport by Metal-Metal Interaction at Room Temperature. 0
- 230 A novel pathway and seeded polymerizations of aggregates at the thermodynamic state for an amido-anthraquinone compound. 1

229	Donor-Acceptor Molecule Based High Performance Photothermal Organic Material for Efficient Water-Electric Cogeneration.. 2022 ,	5
228	Photosensitizers with Aggregation-induced Emission and Their Biomedical Applications. 2022 ,	1
227	Efficient long-range triplet exciton transport by metal-metal interaction at room temperature.. 2021 ,	4
226	Recent trends in molecular aggregates: An exploration of biomedicine.	5
225	2?,7?-Dichlorofluorescein: Biological, Analytical, and Industrial Progress. 2022 , 19,	
224	Excitation localization in a trimeric perylenediimide macrocycle: Synthesis, theory, and single molecule spectroscopy.. 2022 , 156, 044304	
223	Understanding the solid state luminescence and piezochromic properties in polymorphs of an anthracene derivative.. 2022 ,	
222	Side-Chain-Tuned Molecular Packing Allows Concurrently Boosted Photoacoustic Imaging and NIR-II Fluorescence.. 2022 ,	5
221	Excimer Formation Inhibits the Intramolecular Singlet Fission Dynamics: Systematic Tilting of Pentacene Dimers by Linking Positions.. 2022 , 126, 1054-1062	1
220	Anti-cooperative Self-Assembly with Maintained Emission Regulated by Conformational and Steric Effects.. 2022 ,	3
219	Anti-cooperative Self-Assembly with Maintained Emission Regulated by Conformational and Steric Effects.	
218	Self-aggregation of the proteolytic forms of Verteporfin: An in silico and in vitro study. 2022 , 118640	
217	Exciton Binding Energy of Non-Fullerene Electron Acceptors. 2100184	6
216	Mechanisms of hypericin incorporation to explain the photooxidation outcomes in phospholipid biomembrane models.. 2022 , 105181	1
215	Exciton Delocalization and Scaffold Stability in Bridged Nucleotide-Substituted, DNA Duplex-Templated Cyanine Aggregates.. 2021 , 125, 13670-13684	5
214	Designing Highly Luminescent Molecular Aggregates via Bottom-Up Nanoscale Engineering. 2022 , 126, 754-763	1
213	All-visible-light triggered solid-state dual-color fluorescence switching of phenanthroimidazole-based bisthiénylene.	2
212	Rhodamine 6G and 800 intermolecular heteroaggregates embedded in PMMA for Near-Infrared wavelength shifting.	

211	Theoretical search of a simple characteristic for long-lived organic room-temperature phosphorescence materials with H aggregation. 2022 , 10, 5425-5432	0
210	Red to near-infrared piezochromism from AIE-active luminophores: isolated dimers facilitating a wide-range redshift.	0
209	The Pursuit of Shortwave Infrared-Emitting Nanoparticles with Bright Fluorescence through Molecular Design and Excited-State Engineering of Molecular Aggregates.	
208	Study of the photoluminescence of N-doped, Carbon Dot-based nanocomposite materials from citric acid and urea. 2022 , 15,	
207	Transforming Dyes into Fluorophores: Exciton-Induced Emission with Chain-like Oligo-BODIPY Superstructures.	
206	Peptide Backbone Directed Self-Assembly of Merocyanine Oligomers into Duplex Structures.. 2022 ,	1
205	Peptide Backbone Directed Self-Assembly of Merocyanine Oligomers into Duplex Structures.	
204	Cross-Linked Polyphosphazene Nanospheres Boosting Long-Lived Organic Room-Temperature Phosphorescence.. 2022 ,	11
203	Supramolecular Chirality in Porphyrin Self-assembly Systems in Aqueous Solution. 2022 , 26,	
202	Supramolecular p/n-heterojunction of C 60 -functionalized bis(merocyanine) quadruple stack: A model system for charge carrier separation and recombination in organic solar cells.	
201	Resonance-Induced Stimuli-Responsive Capacity Modulation of Organic Ultralong Room Temperature Phosphorescence.. 2022 ,	12
200	Stability Enhancement of a EStacked Helical Structure Using Substituents of an Amino Acid Side Chain: Helix Formation via a Nucleation-Elongation Mechanism.. 2022 ,	2
199	Transforming Dyes Into Fluorophores: Exciton-Induced Emission with Chain-like Oligo-BODIPY Superstructures.. 2022 ,	1
198	Site-Specific Displacement-Driven Activation of Supramolecular Photosensitizing Nanoassemblies for Antitumoral Photodynamic Therapy.. 2022 ,	0
197	Tuning between Quenching and Energy Transfer in DNA-Templated Heterodimer Aggregates.. 2022 , 2782-2791	3
196	Vibronic Intramolecular Resonant Energy Transfer along More than 5 nm: Synthesis of Dyads for a Re-Examination of the Distance Function of FRET.. 2022 ,	
195	Light-Harvesting Crystals Formed from BODIPY-Proline Biohybrid Conjugates: Antenna Effects and Excitonic Coupling.. 2022 ,	1
194	Electrochemical Polymerization of a Carbazole-Tethered Cobalt Phthalocyanine for Electrocatalytic Water Oxidation.	1

- 193 Dip-coating sol-gel preparation and characterization of Rhodamine 6G-doped nanostructured TiO₂ thin films on structural and spectroscopic properties. **2022**, 101, 655-671
- 192 Solvophobicity-Driven Merocyanine Dye Assembly: Predominant Dipole-Dipole Interactions Over Hydrogen-Bonding. **2022**, 101, 655-671 1
- 191 Broad-Band Visible-Light Excitable Room-Temperature Phosphorescence Via Polymer Site-Isolated Dye Aggregates. **2022**, 200, 110156 0
- 190 Enhanced synergistic catalysis by a light-harvesting binary organic dyes system based on FRET for cross-dehydrogenative-coupling reaction. **2022**, 200, 110156 0
- 189 Synthesis, Photophysical and Electrochemical Properties of Bis-Squaraine Dyes Fused on Isomeric Benzodipyrrole Central Units.. **2022**, 275, 121091
- 188 Electronic transitions in noncovalent BODIPY dimers: TD-DFT study.. **2022**, 275, 121151
- 187 Gaussian process regression for absorption spectra analysis of molecular dimers.. **2022**, 275, 121091 0
- 186 Optimization of the Parameters of Light-Induced Resistive Switching in Phthalocyanine Films. **2021**, 114, 674-680
- 185 Rubrene Nanoaggregate-Integrated CH₃NH₃PbI₃ Bilayer Film: Role of Singlet Fission and Photon Upconversion. **2022**, 5, 801-809 0
- 184 Advances in organic micro/nanocrystals with tunable physicochemical properties. **2022**, 65, 593-611 0
- 183 A sandwich mixed (Phthalocyaninato) (Porphyrinato) Europium triple-decker: Balanced-mobility, ambipolar organic thin-film transistor. **2021**, 29, 103003
- 182 Interrogating the Behaviour of a Styryl Dye Interacting with a Mesoscopic 2D-MOF and Its Luminescent Vapochromic Sensing.. **2021**, 23, 103003 1
- 181 Recent Advances of Multiphoton Absorption in Metal-Organic Frameworks. **2022**, 275, 121091 1
- 180 Exciton decay mechanism in DNA single strands: back-electron transfer and ultrafast base motions. **2022**, 275, 121091 0
- 179 Oblique Packing and Tunable Excitonic Coupling in DNA-Templated Squaraine Rotaxane Dimer Aggregates. **2022**, 275, 121091 3
- 178 Shortcut to Self-Consistent Light-Matter Interaction and Realistic Spectra from First Principles.. **2022**, 128, 156402 3
- 177 Global Fold Switching of the RafH Protein: Diverse Structures with a Conserved Pathway.. **2022**, 275, 121091 0
- 176 Bulky Hydrophobic Counterions for Suppressing Aggregation-caused Quenching of Ionic Dyes in Fluorescent Nanoparticles. **2022**, 511-540

- 175 Confinement of Luminescent Guests in Metal-Organic Frameworks: Understanding Pathways from Synthesis and Multimodal Characterization to Potential Applications of LG@MOF Systems.. **2022**, 18
- 174 Cyclic Triimidazole Derivatives. **2022**, 165-193
- 173 Fluorescence Detection of Dynamic Aggregation Processes Using AIEgens. **2022**, 143-164 0
- 172 Data_Sheet_1.docx. **2019**,
- 171 Accelerating symmetry-breaking charge separation in a perylenediimide trimer through a vibronically coherent dimer intermediate.. **2022**, 11
- 170 High mobility n-type organic semiconductors with tunable exciton dynamics toward photo-stable and photo-sensitive transistors. 0
- 169 Photoprocesses in dimers and dimeric complexes of polymethine dyes with cucurbiturils. **2022**, 71, 199-211 0
- 168 H*- and J-Aggregates of an Indotricarbocyanine Dye: Steady-State Spectral Properties and Excited-State Dynamics. **2022**, 126, 7922-7932 0
- 167 Inverse molecular design from first principles: Tailoring organic chromophore spectra for optoelectronic applications.. **2022**, 156, 180901 1
- 166 Ultralong Organic Phosphorescence Modulation of Aromatic Carbonyls and Multi-Component Systems. 1
- 165 Interfacial Effects of the Photophysics of Rhodamine 6G Ultra-Thin Films on a Poly(methylmethacrylate) Surface. 0
- 164 Discs to a 'Bright' Future: Exploring Discotic Liquid Crystals in Organic Light Emitting Diodes in the Era of New-Age Smart Materials.. **2022**, e202200056 2
- 163 Supramolecular Chirogenesis in Amide-Linked Bis(Zinc Porphyrin): Application for Absolute Configurational Assignment of Chiral Carboxylic Acids and Chiral Amino Acids. **2022**, 104, 1043
- 162 Photophysical Behaviors of Shape-persistent Zinc Porphyrin Organic Cage.
- 161 Enhancing photocurrent of dye-sensitized solar cells through solvent modulating aggregation of dyes. **2022**, 240, 157-167 0
- 160 Solid-solid transition of microcrystalline oligo(phenylene ethynylene)s: Impact of crystalline structure on optoelectronic properties. **2022**, 801, 139709 1
- 159 Understanding the Interaction between Inorganic and Organic Excitonic Components of an Inorganic-Organic Nanohybrid Associate.
- 158 Data-Driven and Multiscale Modeling of DNA-Templated Dye Aggregates. **2022**, 27, 3456 3

157 Multinary Photoswitches. **2022**, 477-498

156 Charge Separation and Intersystem Crossing in Homo- and Hetero-Compact Naphthalimide Dimers.

155 Interfacing DNA nanotechnology and biomimetic photonic complexes: advances and prospects in energy and biomedicine. **2022**, 20, 2

154 Modeling Molecular J and H Aggregates using Multiple-Davydov D2 Ansatz. 0

153 Hybrid computational&experimental data-driven design of self-assembling &conjugated peptides. 1

152 Origin of Red-Shifted Phosphorescence from Triphenylamines: Triplet Excimer or Impurity?.

151 Bridging the gap between H- and J-aggregates: Classification and supramolecular tunability for excitonic band structures in two-dimensional molecular aggregates. **2022**, 3, 021401 1

150 Synthesis of Vapochromic Dyes Having Sensing Properties for Vapor Phase of Organic Solvents Used in Semiconductor Manufacturing Processes and Their Application to Textile-Based Sensors. **2022**, 22, 4487 0

149 Photoinduced Electron and Energy Transfer. **2022**, 587-610

148 Effect of surfactant micelle on the fluorescence efficiency of a water soluble anionic xanthene dye in complex Langmuir-Blodgett (LB) film. **2022**,

147 Origin of Red-Shifted Phosphorescence from Triphenylamines: Triplet Excimer or Impurity?. 2

146 AIE-active asymmetric A-BA? molecule with mechanoluminescent property. **2022**, 119083 0

145 Amplified Spontaneous Emission from Organic Phosphorescence Emitters. **2022**, 13, 5461-5467 1

144 Effect of Crystallinity on Endoergic Singlet Fission in Perylenediimide Single Crystals and Polycrystalline Films. 3

143 Synthesis and Optical Characterization of a Rhodamine B Spirolactam Dimer. 1

142 Studies related to changes in ionic strength due to addition of sodium chloride to an aqueous solution of cationic dye methylene blue (MB): Electronic spectra analysis for dimerization equilibria. **2022**, 361, 119614 0

141 Control of the dual emission behaviour of &exo-bridged Si(iv) corrole dimers by substituent bulkiness.

140 Multiple aggregates from multiple polymorphs: structural and mechanistic insight into organic dye aggregates. 0

139 A Study on Unsubstituted Cu(II) Phthalocyanine and Bovine Serum Albumin Bioconjugation.

138 Wavelike electronic energy transfer in donor-acceptor molecular systems through quantum coherence. 3

137 Thin-Film Morphology and Optical Properties of Photoisomerizable Donor-Acceptor Oligothiophenes.

136 The Pink Box: Exclusive Homochiral Aromatic Stacking in a Bis-perylene Diimide Macrocyclic. **2022**, 144, 12290-12298 3

135 Effect of nanoscale confinement on ultrafast dynamics of singlet fission in TIPS-pentacene.

134 Less is More: Tunable Polymorphs with Packing-Dependent Deep-Red to Near-Infrared Emission Based on a Geometrically Simple Molecule. 1468-1474 1

133 Photophysics of Zinc 2,11,20,29-Tetra-tert-butyl-2,3-Naphthalocyanine: Aggregation-Induced S₂ Emission and Rapid Intersystem Crossing in the Solid State.

132 High-Performance Organic Laser Semiconductor Enabling Efficient Light-Emitting Transistors and Low-Threshold Microcavity Lasers. 2

131 Interfacial Assembly of Zinc(II) Phthalocyanines on Graphene Oxide (GO): Stable "Turn-Off-On" Nanoplatfoms to Detect G-Quadruplexes (G4). **2022**,

130 Quantitative Energy Transfer in Organic Nanoparticles Based on Small-Molecule Ionic Isolation Lattices for UV Light Harvesting. 2

129 Noncovalent Dimerization based on acridine and acid-responsive luminescence switching. **2022**, 205, 110527 1

128 DFT studies of aggregation induced energy splitting and excitonic diversification in benzene and anthracene multimers. **2022**, 562, 111641

127 Photofunctional organic nanostructures of merocyanine dye fabricated via co-ion-assisted ion association: Morphology transformation from nanospheres to nanofibrils. **2022**, 562, 111630

126 Nonconventional 1,8-Diazafluoren-9-One Aggregates for Green Light Enhancement in Hybrid Biocompatible Media. **2022**, 15, 5012

125 Template and Temperature-Controlled Polymorph Formation in Squaraine Thin Films.

124 Photophysical Properties and Electronic Structure of Hydroporphyrin Dyads Exhibiting Strong Through-Space and Through-Bond Electronic Interactions. **2022**, 126, 5107-5125 2

123 Surfactant-induced excimer emission: A versatile platform for the design of fluorogenic probes. **2022**, 121749

122 Identifying the Signatures of Intermolecular Interactions in Blends of PM6 with Y6 and N4 Using Absorption Spectroscopy. 2205711 1

- 121 Unusual Reactivity and Metal Affinity of Water-Soluble Dipyrins. **2022**, 61, 12746-12758 o
- 120 Schiff bases and multidentate organic compounds as fluorescent sensors of Al³⁺: photophysical, fluorescent bioimaging and the mechanisms.
- 119 Spiro rhodamine-coumarin compact electron donor-acceptor dyads: synthesis and spin-orbit charge transfer intersystem crossing.
- 118 A comparative photophysical study of molecular association of structurally similar phenothiazine dyes in aqueous solutions of caffeine. **2022**, 1269, 133861
- 117 Aromatic Ring Overlap Pedals the Nature of Exciton Coupling and Carrier Transport in a Series of Electron-Deficient Anthracenes. 1
- 116 Application of chemometric method and computational analysis in the spectroscopic study of Azure A dimerization. **2022**, 366, 120316 o
- 115 Cyanostilbene: a multifunctional spectral engineering motif. **2022**, 24, 23049-23075 o
- 114 Cation-agggregation-induced white emission of moisture-resistant carbon quantum dots: a comprehensive spectroscopic study. **2022**, 24, 23802-23816 o
- 113 Axially Chiral Indolenine Derived Chromophore Dimers and their Chiroptical Absorption and Emission Properties. o
- 112 Self-aggregation, H-bonding, and photoresponse in film and solution states of azobenzene containing polyurea. **2022**, 24, 23447-23459 o
- 111 Activating charge-transfer state formation in strongly-coupled dimers using DNA scaffolds. 1
- 110 Symmetry-driven diastereoselective functionalization of simple triethylamine. **2022**, 20, 7216-7220 o
- 109 Synthesis, computational and optical studies of tetraphenylethene-linked Pd(II)dipyrinato complexes. o
- 108 Nano-assemblies from J-aggregated dyes to improve the selectivity of a H₂S-activatable photosensitizer. **2022**, 58, 10060-10063 o
- 107 Molecular dynamics simulations of cyanine dimers attached to DNA Holliday junctions. **2022**, 12, 28063-28078 2
- 106 Third-order pump-probe spectroscopy applied to molecular dimers: Characterization of relaxation dynamics and exciton-exciton annihilation. o
- 105 Effect of conformational disorder on exciton states of an azobenzene aggregate. o
- 104 Stacking Aggregation and Photodimerization of Thymine Chromophores in Aqueous Solutions of Polythymidylic Acid. **2022**, 130, 310-318 o

- 103 Synthesis of VOC-sensing Dyes for Fabrication of Cotton-based Chromogenic Sensors. **2022**, 29, 8937-8956 0
- 102 Deciphering the role of (anti)aromaticity in cofacial excimers of linear acenes. 1
- 101 Erythrocyte-Derived Nanoparticles with Folate Functionalization for Near Infrared Pulsed Laser-Mediated Photo-Chemotherapy of Tumors. **2022**, 23, 10295 1
- 100 Tunable Electronic Structure via DNA-Templated Heteroaggregates of Two Distinct Cyanine Dyes. 1
- 99 Bottom-Up Preparation of Twisted Graphene Nanoribbons by Cu-Catalyzed Deoxygenative Coupling. 0
- 98 Quasiparticle Self-Consistent GW-Bethe-Salpeter Equation Calculations for Large Chromophoric Systems. 2
- 97 Bottom-Up Preparation of Twisted Graphene Nanoribbons by Cu-Catalyzed Deoxygenative Coupling. 0
- 96 J- and H-aggregates of heavy-atom-free Aza-BODIPY dyes with high 1O2 generation efficiency and photodynamic therapy potential. **2022**, 208, 110813 0
- 95 Organic Semiconductor Laser. **2022**, 177-205 0
- 94 Spectroscopic analysis of vibrational coupling in multi-molecular excited states. 1
- 93 Rescuing the solid-state fluorescence of perylene diimide dyes by host-guest isolation. 1
- 92 A Processable, Scalable, and Stable Full-Color Ultralong Afterglow System Based on Heteroatom-Free Hydrocarbons Doped Polymers. 0
- 91 Metal Coordination Effects on the Photophysics of Dipyrrinato Photosensitizers. **2022**, 27, 6967 0
- 90 Efficient Singlet Fission in Perylenediimide Derivative Nanocrystals. 0
- 89 Light Harvesting Antenna Properties of Framework Solids. 1
- 88 Structural Disorder as the Origin of Optical Properties and Spectral Dynamics in Squaraine Nano-Aggregates. **2022**, 144, 19372-19381 0
- 87 Equation-of-Motion Methods for the Calculation of Femtosecond Time-Resolved 4-Wave-Mixing and N-Wave-Mixing Signals. 1
- 86 Symmetry Breaking Charge Transfer in DNA-Templated Perylene Dimer Aggregates. **2022**, 27, 6612 0

85	Near-Infrared Dual Emission from the Au ₄₂ (SR) ₃₂ Nanocluster and Tailoring of Intersystem Crossing. 2022 , 144, 19243-19247	2
84	Theranostic Properties of Crystalline Aluminum Phthalocyanine Nanoparticles as a Photosensitizer. 2022 , 14, 2122	0
83	Universal Concept for Bright, Organic, Solid-State Emitters-Doping of Small-Molecule Ionic Isolation Lattices with FRET Acceptors. 2022 , 144, 19981-19989	0
82	Applications of Spectroscopic Techniques to the study of MonomerDimer Equilibria for Methylene Blue in Aqueous Solutions Containing Ionic Liquid: Probing the Structural Interactions Involving Water and Ionic Liquids. 2022 , 122058	0
81	An aggregation induced emission based simple and sensitive fluorescence "Turn-On" method for monitoring sodium hexa-meta-phosphate, a food preservative. 2022 , 183, 108091	0
80	Recent advances in subphthalocyanines and related subporphyrinoids.	1
79	Probing the influence of alkyl chain length on the aggregation behaviour of some naphthalene sulphonamide derivatives through spectroscopic and microscopic studies. 2023 , 565, 111762	0
78	Supra-(carbon dots) with versatile morphologies and promising optical properties. 2022 , 140069	0
77	Ultralong Organic Phosphorescence: From Material Design to Applications.	1
76	Competition between ultralong organic phosphorescence and thermally activated delayed fluorescence in dichloro derivatives of 9-benzoylcarbazole. 2022 , 24, 29437-29450	1
75	Influence of graphene oxide on the bile saltsligand interaction: a spectroscopy study.	0
74	Improving photothermal effects of an organic photothermal agent using a chitosan hydrogel.	0
73	Optimal morphology, H-aggregation, and ternary blend excited state disruption in equilibrated squaraine-based all small molecule solar-cells. 2023 , 765, 139623	0
72	Connecting the dots for fundamental understanding of structurephotophysicsproperty relationships of COFs, MOFs, and perovskites using a Multiparticle Holstein Formalism.	0
71	Macrocyclic-based supramolecular assembly: An alternative strategy for visualizing the mechanism of piezochromic luminescence. 2023 , 210, 110967	0
70	Fluorescent H-aggregates of pure rhodamine B (RhB) in glycerol, ethylene glycol, methanol and butanol under ambient condition. 2023 , 1275, 134606	0
69	Aggregation of Charge Acceptors on Nanocrystal Surfaces Alters Rates of Photoinduced Electron Transfer. 2022 , 144, 22676-22688	0
68	Enhanced Visible Light Absorption and Photophysical Features of Novel Isomeric Magnesium Phthalocyanines with Cyanophenoxy Substitution. 2022 , 10, 503	0

- 67 Luminous Self-Assembled Fibers of Azopyridines and Quantum Dots Enabled by Synergy of Halogen Bond and Alkyl Chain Interactions. **2022**, 27, 8165 ○
- 66 Strong Coupling of Chiral Frenkel Exciton for Intense, Bisignate Circularly Polarized Luminescence. ○
- 65 Theoretical Models, Preparation, Characterization and Applications of Cyanine J-Aggregates: A Minireview. **2022**, 11, ○
- 64 Strong Coupling of Chiral Frenkel Exciton for Intense, Bisignate Circularly Polarized Luminescence. ○
- 63 Specific Features in the Triplet-Triplet Absorption Spectra of Multi-Chromophoric Molecules: a Computational Study. **2022**, 56, 391-398 ○
- 62 Controlled Self-assembly of Gold(I) Complexes by Multiple Kinetic Aggregation States with Nonlinear Optical and Waveguide Properties. ○
- 61 A Comprehensive Approach to Exciton Delocalization and Energy Transfer. ○
- 60 Singlet-exciton optics and phonon-mediated dynamics in oligoacene semiconductor crystals. ○
- 59 Spectroscopic characterization and assessment of microbiological potential of 1,3,4-thiadiazole derivative showing ESIPT dual fluorescence enhanced by aggregation effects. **2022**, 12, 2
- 58 Emerging Trends of J-Aggregate Formation within Polymeric Nanoassemblies. 2200414 ○
- 57 Self-Assembly Regulated Singlet Oxygen Generation of Heavy-Atom-Free Organic Chromophores. 180-188 ○
- 56 Impact of Hydrophobic/Hydrophilic Balance on Aggregation Pathways, Morphologies, and Excited-State Dynamics of Amphiphilic Diketopyrrolopyrrole Dyes in Aqueous Media. **2022**, 144, 22479-22492 ○
- 55 A Twisted Phosphor: Breaking T 1 Energy Conservation in Dopant-Matrix Organic Phosphorescence Systems. 2202540 ○
- 54 Acoustic-Based Theranostic Probes Activated by Tumor Microenvironment for Accurate Tumor Diagnosis and Assisted Tumor Therapy. **2022**, 7, 3611-3633 ○
- 53 Nanocaging Rose Bengal to Inhibit Aggregation and Enhance Photo-induced Oxygen Consumption □ ○
- 52 Controlled Self-assembly of Gold(I) Complexes by Multiple Kinetic Aggregation States with Nonlinear Optical and Waveguide Properties. ○
- 51 Electronic and steric effects controlling monomer-dimer self-assembly in 6H-1,4-diazepinoporphyrazines: experimental and theoretical study. ○
- 50 Textile-Based Volatile Organic Compound Sensors Using Cellulose Fabrics and Direct Dyes. **2023**, 20, ○

- 49 From Symmetry Breaking to Symmetry Swap: Is Kasha's Rule Violated in Multibranched Phenyleneethynylenes?. o
- 48 Kinetic Investigations on the Chiral Induction by Amino Acids in Porphyrin J-Aggregates. **2023**, 24, 1695 o
- 47 Effect of intermacrocyclic interactions: Modulation of metal spin-state in oxo/hydroxo/fluoro-bridged diiron(III)/dimanganese(III) porphyrin dimers. **2023**, o
- 46 Dinuclear Ligand-to-Ligand Charge Transfer Complexes. o
- 45 Binuclear complexes with single M-F-M bridge (M: Fe, Mn, and Cu): A critical analysis of the impact of fluoride for isoelectronic hydroxide substitution. **2023**, 479, 215003 o
- 44 Does one hydrogen atom matter? Crystal structures and spectroscopic studies of five-coordinate manganese porphyrin complexes. **2023**, 211, 111068 o
- 43 Two Dimensional Triptycene End-Capping and Its Influence on the Self-Assembly of Quinoxalinophenanthrophenazines. o
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- 38 Symmetry Breaking Charge Transfer and Intersystem Crossing in Copper Phthalocyanine Thin Films. o
- 37 Excitation energy transfer between higher excited states of photosynthetic pigments: 1. Carotenoids facilitate B₈-Q_A band conversion in chlorophylls. o
- 36 Intramolecular Charge Transfer and Ultrafast Nonradiative Decay in DNA-Tethered Asymmetric Nitro- and Dimethylamino-Substituted Squaraines. **2023**, 127, 1141-1157 o
- 35 Engineering giant excitonic coupling in bioinspired, covalently bridged BODIPY dyads. **2023**, 25, 8013-8027 o
- 34 Hybrid QM/MM Approach for the Calculation of Excited States in Complex Environments. **2023**, o
- 33 Metal-Organic Dimerization of Dissymmetrical Ligands toward Customized Through-Space Chromophore Interactions. **2023**, 35, 1788-1795 o
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- 24 Inclusion Complexes of Photosensitizers with Cyclodextrins for Enhancing the Fabrication of Volume Grating. **2023**, 15, 11076-11083 ○
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- 20 Influence of chirality on the aggregation of a new A-ED-EA small molecule with a benzodithiophene core: Spectroscopic and morphological investigations. **2023**, 138, 113619 1
- 19 Recent advances in room temperature phosphorescence of chiral organic materials. 1
- 18 A BF₂ Chelate Exhibiting Excimer-like Fluorescence with an Unusually Large Stokes Shift in the Crystalline Phase. ○
- 17 Synthesis of Triazolo[c]coumarins and Differences in the Fluorescence Properties of Their Isomers. ○
- 16 Exciton States of Azobenzene Aggregates: A First-Principles Study. ○
- 15 Reducing Efficiency Roll-Off in Multi-Resonant Thermally Activated Delayed Fluorescent OLEDs through Modulation of the Energy of the T₂ State. 2300114 ○
- 14 Chiral H⁻-aggregation-induced large stokes shift with CPL generation assisted by helical poly(L-lysine) substructure. ○

- 13 Optoelectronic materials utilizing hot excitons or hot carriers: from mechanism to applications. o
- 12 Synthesis, structure and spectroscopic properties of BODIPY dyes incorporating the pentafluorosulfanylphenyl group. o
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- 10 A π -stacked pure organic material with room temperature phosphorescence. o
- 9 Tuning of Molecular Aggregation and Photoresponse of Narrow-band Organic Photodetectors. o
- 8 Anomalous deep-red luminescence of perylene black analogues with strong π - π interactions. **2023**, 14, o
- 7 A direct observation of up-converted room-temperature phosphorescence in an anti-Kasha dopant-matrix system. **2023**, 14, o
- 6 Divinylanthracene-Containing Tetracationic Organic Cyclophane with Near-Infrared Photoluminescence. o
- 5 Modulating the Shape of Short Metal-Mediated Heteroleptic Tapes of Porphyrins. o
- 4 Simultaneous Force and Fluorescence Spectroscopy on Single Chains of Polyfluorene: Effect of Intra-Chain Aggregate Coupling. **2023**, 17, 8074-8082 o
- 3 Visible-light Aerobic Oxidation of Benzyl Alcohol over Porphyrin-sensitized Titanium Dioxide Photocatalysts. **2023**, 66, 88-93 o
- 2 Laser-ablated photonic microcavities for exciton and electron transport manipulation in organic dyes. **2023**, 164, 109476 o
- 1 Ultrafast Photoinduced Dynamics of Quaterthiophene-Squaraine Hybrid Aggregates. o