

Marco Montalti

List of Publications by Year in descending order

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161
papers

10,830
citations

26630

56
h-index

42399

92
g-index

179
all docs

179
docs citations

179
times ranked

12225
citing authors

#	ARTICLE	IF	CITATIONS
1	Local detection of pH-induced disaggregation of biocompatible micelles by fluorescence switch ON. <i>Chemical Science</i> , 2022, 13, 4884-4892.	7.4	7
2	On the Versatile Role of Electrospun Polymer Nanofibers as Photocatalytic Hybrid Materials Applied to Contaminated Water Remediation: A Brief Review. <i>Nanomaterials</i> , 2022, 12, 756.	4.1	13
3	pH Switchable Water Dispersed Photocatalytic Nanoparticles. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	4
4	Visibleâ€Lightâ€Assisted Synthesis of Allylic Triflamides via Dual Acridinium/Co Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 720-725.	4.3	5
5	Photothermal motion: effect of low-intensity irradiation on the thermal motion of organic nanoparticles. <i>Nanoscale</i> , 2022, 14, 7233-7241.	5.6	2
6	A Bioâ€Conjugated Fullerene as a Subcellularâ€Targeted and Multifaceted Phototheranostic Agent. <i>Advanced Functional Materials</i> , 2021, 31, 2101527.	14.9	22
7	A Selective Ratiometric Fluorescent Probe for No-Wash Detection of PVC Microplastic. <i>Polymers</i> , 2021, 13, 1588.	4.5	8
8	Local Lightâ€Controlled Generation of Calcium Carbonate and Barium Carbonate Biomorphs via Photochemical Stimulation. <i>Chemistry - A European Journal</i> , 2021, 27, 12521-12525.	3.3	3
9	Photoluminescenceâ€Based Techniques for the Detection of Microâ€and Nanoplastics. <i>Chemistry - A European Journal</i> , 2021, 27, 17529-17541.	3.3	14
10	The Photophysics and Photochemistry of Melaninâ€Like Nanomaterials Depend on Morphology and Structure. <i>Chemistry - A European Journal</i> , 2021, 27, 16309-16319.	3.3	10
11	Extending photocatalysis to the visible and NIR: the molecular strategy. <i>Nanoscale</i> , 2021, 13, 9147-9159.	5.6	26
12	Frontispiece: The Photophysics and Photochemistry of Melaninâ€Like Nanomaterials Depend on Morphology and Structure. <i>Chemistry - A European Journal</i> , 2021, 27, .	3.3	0
13	Frontispiece: Photoluminescenceâ€Based Techniques for the Detection of Microâ€and Nanoplastics. <i>Chemistry - A European Journal</i> , 2021, 27, .	3.3	0
14	Bio-Applications of Multifunctional Melanin Nanoparticles: From Nanomedicine to Nanocosmetics. <i>Nanomaterials</i> , 2020, 10, 2276.	4.1	42
15	Quercetin loaded gelatin films with modulated release and tailored anti-oxidant, mechanical and swelling properties. <i>Food Hydrocolloids</i> , 2020, 109, 106089.	10.7	28
16	Radical-Enriched Artificial Melanin. <i>Chemistry of Materials</i> , 2020, 32, 5759-5767.	6.7	17
17	Mimicking Natural Human Hair Pigmentation with Synthetic Melanin. <i>ACS Central Science</i> , 2020, 6, 1179-1188.	11.3	55
18	Self-Assembled Biocompatible Fluorescent Nanoparticles for Bioimaging. <i>Frontiers in Chemistry</i> , 2019, 7, 168.	3.6	26

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19	Glutathionylation primes soluble glyceraldehyde-3-phosphate dehydrogenase for late collapse into insoluble aggregates. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26057-26065.	7.1	39
20	Tuning Mechanical Properties of Pseudopeptide Supramolecular Hydrogels by Graphene Doping. Molecules, 2019, 24, 4345.	3.8	11
21	Photocatalytic activity of exfoliated graphiteâ€“TiO ₂ nanoparticle composites. Nanoscale, 2019, 11, 19301-19314.	5.6	18
22	Stable and Biocompatible Monodispersion of C ₆₀ in Water by Peptides. Bioconjugate Chemistry, 2019, 30, 808-814.	3.6	18
23	Dualâ€“Mode, Anisotropyâ€“Encoded, Ratiometric Fluorescent Nanosensors: Towards Multiplexed Detection. Chemistry - A European Journal, 2018, 24, 16743-16746.	3.3	8
24	Biocompatible and Light-Penetrating Hydrogels for Water Decontamination. ACS Omega, 2018, 3, 8122-8128.	3.5	17
25	Graphene Materials Strengthen Aqueous Polyurethane Adhesives. ACS Omega, 2018, 3, 8829-8835.	3.5	12
26	Local pH oscillations witness autocatalytic self-organization of biomorphic nanostructures. Nature Communications, 2017, 8, 14427.	12.8	40
27	Luminescent calcium phosphate bioceramics doped with europium derived from fish industry byproducts. Journal of the American Ceramic Society, 2017, 100, 3402-3414.	3.8	19
28	C ₆₀ @lysozyme: a new photosensitizing agent for photodynamic therapy. Journal of Materials Chemistry B, 2017, 5, 6608-6615.	5.8	31
29	Source and Biological Response of Biochar Organic Compounds Released into Water; Relationships with Bio-Oil Composition and Carbonization Degree. Environmental Science & Technology, 2017, 51, 6580-6589.	10.0	35
30	Towards Ultraâ€“Bright Gold Nanoclusters. European Journal of Inorganic Chemistry, 2017, 2017, 5068-5084.	2.0	44
31	Collective Properties Extend Resistance to Photobleaching of Highly Doped PluS NPs. European Journal of Inorganic Chemistry, 2017, 2017, 5094-5097.	2.0	5
32	Bioinspired Nanocomposites: Ordered 2D Materials Within a 3D Lattice. Advanced Functional Materials, 2016, 26, 5569-5575.	14.9	23
33	Tracking graphene by fluorescence imaging: a tool for detecting multiple populations of graphene in solution. Nanoscale, 2016, 8, 8505-8511.	5.6	4
34	Photoswitchable NIRâ€“Emitting Gold Nanoparticles. Angewandte Chemie, 2016, 128, 11230-11234.	2.0	7
35	Photoswitchable NIRâ€“Emitting Gold Nanoparticles. Angewandte Chemie - International Edition, 2016, 55, 11064-11068.	13.8	35
36	Ultra-bright and stimuli-responsive fluorescent nanoparticles for bioimaging. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2016, 8, 139-150.	6.1	35

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37	Role of CaCO ₃ Neutral Pair in Calcium Carbonate Crystallization. <i>Crystal Growth and Design</i> , 2016, 16, 4173-4177.	3.0	22
38	Variable Doping Induces Mechanism Swapping in Electrogenerated Chemiluminescence of Ru(bpy) ₃ ²⁺ Core-Shell Silica Nanoparticles. <i>Journal of the American Chemical Society</i> , 2016, 138, 15935-15942.	13.7	98
39	Luminescent gold nanoclusters as biocompatible probes for optical imaging and theranostics. <i>Dyes and Pigments</i> , 2016, 135, 64-79.	3.7	50
40	Photoinduced Processes between Pyrene-Functionalized Silicon Nanocrystals and Carbon Allotropes. <i>Chemistry of Materials</i> , 2015, 27, 4390-4397.	6.7	25
41	Nanodiamonds and silicon quantum dots: ultrastable and biocompatible luminescent nanoprobes for long-term bioimaging. <i>Chemical Society Reviews</i> , 2015, 44, 4853-4921.	38.1	231
42	Benchmarking TD-DFT against Vibrationally Resolved Absorption Spectra at Room Temperature: 7-Aminocoumarins as Test Cases. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 5371-5384.	5.3	68
43	Dye Encapsulation in Polynorbornene Micelles. <i>Langmuir</i> , 2015, 31, 9707-9717.	3.5	9
44	Dye-doped silica nanoparticles as luminescent organized systems for nanomedicine. <i>Chemical Society Reviews</i> , 2014, 43, 4243-4268.	38.1	242
45	Gold nanoparticles stabilized using a fluorescent propargylic ester terminal alkyne at room temperature. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	2
46	Energy transfer processes in dye-doped nanostructures yield cooperative and versatile fluorescent probes. <i>Nanoscale</i> , 2014, 6, 3022-3036.	5.6	80
47	Photo-tunable multicolour fluorescence imaging based on self-assembled fluorogenic nanoparticles. <i>Chemical Communications</i> , 2014, 50, 5326.	4.1	48
48	C ₆₀ @Lysozyme: Direct Observation by Nuclear Magnetic Resonance of a 1:1 Fullerene Protein Adduct. <i>ACS Nano</i> , 2014, 8, 1871-1877.	14.6	70
49	Pluronic-Silica (PluS) Nanoparticles Doped with Multiple Dyes Featuring Complete Energy Transfer. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9261-9267.	3.1	37
50	Prevention of Self-Quenching in Fluorescent Silica Nanoparticles by Efficient Energy Transfer. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5965-5968.	13.8	80
51	Understanding the photophysical properties of coumarin-based Pluronic-silica (PluS) nanoparticles by means of time-resolved emission spectroscopy and accurate TDDFT/stochastic calculations. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 12360.	2.8	31
52	Luminescent chemosensors based on silicananoparticles for the detection of ionic species. <i>New Journal of Chemistry</i> , 2013, 37, 28-34.	2.8	41
53	Luminescent Silica Nanoparticles for Cancer Diagnosis. <i>Current Medicinal Chemistry</i> , 2013, 20, 2195-2211.	2.4	70
54	Temperature-Dependent Fluorescence of Cu ₅ Metal Clusters: A Molecular Thermometer. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9662-9665.	13.8	87

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55	A versatile strategy for tuning the color of electrochemiluminescence using silica nanoparticles. <i>Chemical Communications</i> , 2012, 48, 4187.	4.1	54
56	Nanoparticles in metal complexes-based electrogenerated chemiluminescence for highly sensitive applications. <i>Coordination Chemistry Reviews</i> , 2012, 256, 1664-1681.	18.8	82
57	Structural Changes in a Protein Fragment from Abalone Shell during the Precipitation of Calcium Carbonate. <i>Chemistry - A European Journal</i> , 2012, 18, 14367-14374.	3.3	8
58	Targeted dual-color silica nanoparticles provide univocal identification of micrometastases in preclinical models of colorectal cancer. <i>International Journal of Nanomedicine</i> , 2012, 7, 4797.	6.7	31
59	Multicolor core/shell silicananoparticles for in vivo and ex vivo imaging. <i>Nanoscale</i> , 2012, 4, 824-830.	5.6	55
60	Absorption and Emission Spectroscopy with Polarized Light. <i>Lecture Notes in Quantum Chemistry II</i> , 2012, , 131-165.	0.3	0
61	Fullerenol entrapment in calcite microspheres. <i>Chemical Communications</i> , 2011, 47, 10662.	4.1	10
62	Multicolor, large-area fluorescence sensing through oligothiophene-self-assembled monolayers. <i>Chemical Communications</i> , 2011, 47, 1689-1691.	4.1	51
63	Reversible photoswitching of dye-doped core-shell nanoparticles. <i>Chemical Communications</i> , 2011, 47, 10975.	4.1	28
64	Luminescent Silica Nanoparticles: Extending the Frontiers of Brightness. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4056-4066.	13.8	241
65	Highly Selective Chemical Vapor Sensing by Molecular Recognition: Specific Detection of C ₁ -C ₄ Alcohols with a Fluorescent Phosphonate Cavitand. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4654-4657.	13.8	54
66	A Versatile Strategy for Signal Amplification Based on Core/Shell Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2011, 17, 13429-13432.	3.3	42
67	Luminescent Chemosensors Based on Silica Nanoparticles. <i>Topics in Current Chemistry</i> , 2010, 300, 93-138.	4.0	50
68	Energy Transfer in Silica Nanoparticles: An Essential Tool for the Amplification of the Fluorescence Signal. <i>Reviews in Fluorescence</i> , 2010, , 119-137.	0.5	7
69	Energy Transfer from Silica Core-Surfactant Shell Nanoparticles to Hosted Molecular Fluorophores. <i>Journal of Physical Chemistry B</i> , 2010, 114, 14605-14613.	2.6	82
70	Solvent-induced switching between two supramolecular assemblies of a guanosine-terthiophene conjugate. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 774-781.	2.8	23
71	Hierarchical Self-Assembly on Silicon. <i>Journal of the American Chemical Society</i> , 2010, 132, 4781-4789.	13.7	36
72	Facile tuning from blue to white emission in silica nanoparticles doped with oligothiophene fluorophores. <i>Journal of Materials Chemistry</i> , 2010, 20, 9903.	6.7	21

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73	Ru(bpy) ₃ Covalently Doped Silica Nanoparticles as Multicenter Tunable Structures for Electrochemiluminescence Amplification. <i>Journal of the American Chemical Society</i> , 2009, 131, 2260-2267.	13.7	155
74	Modulation of Photochemical Properties in Ion-Controlled Multicomponent Dynamic Devices. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2621-2628.	2.0	20
75	A Simple Spectrofluorometric Assay to Measure Total Intracellular Magnesium by a Hydroxyquinoline Derivative. <i>Journal of Fluorescence</i> , 2009, 19, 11-19.	2.5	27
76	Molecular Recognition on a Cavitand-Functionalized Silicon Surface. <i>Journal of the American Chemical Society</i> , 2009, 131, 7447-7455.	13.7	58
77	Iridium Doped Silica-PEG Nanoparticles: Enabling Electrochemiluminescence of Neutral Complexes in Aqueous Media. <i>Journal of the American Chemical Society</i> , 2009, 131, 14208-14209.	13.7	130
78	Photothermal sensitisation and therapeutic properties of a novel far-red absorbing cyanine. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 1422-1431.	2.9	13
79	Metal ion binding of photoactive poly-(arylene ethynylene) co-polymers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 198, 237-241.	3.9	7
80	The Erratic Emission of Pyrene on Gold Nanoparticles. <i>ACS Nano</i> , 2008, 2, 77-84.	14.6	60
81	Synthesis and Electrochemiluminescence of a Ru(bpy) ₃ -Labeled Coupling Adduct Produced on a Self-Assembled Monolayer. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2949-2957.	3.1	22
82	Amplified Fluorescence Response of Chemosensors Grafted onto Silica Nanoparticles. <i>Langmuir</i> , 2008, 24, 8387-8392.	3.5	58
83	Fully reversible guest exchange in tetraphosphonate cavitand complexes probed by fluorescence spectroscopy. <i>Chemical Communications</i> , 2008, , 1638.	4.1	61
84	Insights on the chemistry of a,c-biladienes from a CSPT investigation. <i>New Journal of Chemistry</i> , 2008, 32, 1162.	2.8	10
85	Make sense of nanochemistry and nanotechnology. <i>Chemistry Education Research and Practice</i> , 2008, 9, 5-10.	2.5	13
86	Induced Fit Interanion Discrimination by Binding-Induced Excimer Formation. <i>Journal of the American Chemical Society</i> , 2008, 130, 4105-4113.	13.7	70
87	Stabilization of terpyridine covered gold nanoparticles by metal ions complexation. <i>New Journal of Chemistry</i> , 2007, 31, 102-108.	2.8	16
88	Enhanced Sensitized NIR Luminescence from Gold Nanoparticles via Energy Transfer from Surface-Bound Fluorophores. <i>Journal of the American Chemical Society</i> , 2007, 129, 2418-2419.	13.7	72
89	Luminescence of Gold Nanoparticles. , 2007, , 99-128.		10
90	Self-Assembly of Nanosize Coordination Cages on Si(100) Surfaces. <i>Chemistry - A European Journal</i> , 2007, 13, 6891-6898.	3.3	36

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91	Synthesis and Functionalization of Germanium Triphenylcorrolate: The First Example of a Partially Brominated Corrole. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2345-2352.	2.0	75
92	Characterization of titanium dioxide nanoparticles imprinted for tyrosine by flow field-flow fractionation and spectrofluorimetric analysis. <i>Inorganica Chimica Acta</i> , 2007, 360, 1063-1071.	2.4	8
93	Self-Organizing Core-Shell Nanostructures: Spontaneous Accumulation of Dye in the Core of Doped Silica Nanoparticles. <i>Journal of the American Chemical Society</i> , 2007, 129, 14251-14256.	13.7	106
94	8-Hydroxyquinoline Derivatives as Fluorescent Sensors for Magnesium in Living Cells. <i>Journal of the American Chemical Society</i> , 2006, 128, 344-350.	13.7	273
95	Energy Transfer from a Fluorescent Hydrogel to a Hosted Fluorophore. <i>Langmuir</i> , 2006, 22, 2299-2303.	3.5	62
96	Size Effect on the Fluorescence Properties of Dansyl-Doped Silica Nanoparticles. <i>Langmuir</i> , 2006, 22, 5877-5881.	3.5	72
97	Fluorescent silica nanoparticles. , 2006, , .		1
98	Amphiphilic porphyrin film on glass as a simple and selective solid-state chemosensor for aqueous Hg ²⁺ . <i>Biosensors and Bioelectronics</i> , 2006, 22, 399-404.	10.1	48
99	New fluorescent chemosensors for magnesium ions in living cells. , 2006, , .		0
100	Origins of "on/off" Fluorescent Behavior of 8-Hydroxyquinoline Containing Chemosensors.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
101	Probes and Sensors for Cations. , 2005, , 1-57.		11
102	Fluorescence quenching amplification in silica nanosensors for metal ions. <i>Journal of Materials Chemistry</i> , 2005, 15, 2810.	6.7	111
103	Synthesis and characterization of β -fused porphyrin-BODIPY® dyads. <i>Tetrahedron</i> , 2004, 60, 1099-1106.	1.9	75
104	Origins of "on/off" fluorescent behavior of 8-hydroxyquinoline containing chemosensors. <i>Tetrahedron</i> , 2004, 60, 11139-11144.	1.9	90
105	Enantioselective Fluorescence Sensing of Amino Acids by Modified Cyclodextrins: Role of the Cavity and Sensing Mechanism. <i>Chemistry - A European Journal</i> , 2004, 10, 2749-2758.	3.3	121
106	Dynamic Chemical Devices: Modulation of Photophysical Properties by Reversible, Ion-Triggered, and Proton-Fuelled Nanomechanical Shape-Flipping Molecular Motions. <i>Chemistry - A European Journal</i> , 2004, 10, 2953-2959.	3.3	81
107	Synthesis, photophysical characterisation and metal ion binding properties of new ligands containing anthracene chromophores. <i>Inorganica Chimica Acta</i> , 2004, 357, 4078-4084.	2.4	24
108	Spontaneous deposition of amphiphilic porphyrin films on glass Electronic supplementary information (ESI) available: detailed kinetic studies and procedures, and aggregation studies on 1H ₂ and 2H ₂ . See http://www.rsc.org/suppdata/nj/b4/b403591g/ . <i>New Journal of Chemistry</i> , 2004, 28, 1123.	2.8	34

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109	A new pyridine-based 12-membered macrocycle functionalised with different fluorescent subunits; coordination chemistry towards CuI, ZnII, CdII, HgII, and PbII. Dalton Transactions, 2004, , 2771-2779.	3.3	45
110	Energy Transfer in Fluorescent Silica Nanoparticles. Langmuir, 2004, 20, 2989-2991.	3.5	79
111	Modulation of the Photophysical Properties of Gold Nanoparticles by Accurate Control of the Surface Coverage. Langmuir, 2004, 20, 7884-7886.	3.5	29
112	Photophysical Characterisation, Metal Ion Binding and Enantiomeric Recognition of Chiral Ligands Containing Phenazine Fluorophore. Collection of Czechoslovak Chemical Communications, 2004, 69, 885-896.	1.0	10
113	Photophysical properties of Schiff-base metal complexes. New Journal of Chemistry, 2003, 27, 692-697.	2.8	126
114	Quinoline-Containing Calixarene Fluoroionophores: A Combined NMR, Photophysical and Modeling Study. European Journal of Organic Chemistry, 2003, 2003, 1475-1485.	2.4	24
115	pH-dependent absorption and emission properties of a ReI complex working as a carboxylate ligand for Cu2+. Journal of Photochemistry and Photobiology A: Chemistry, 2003, 159, 249-252.	3.9	4
116	Novel routes to substituted 5,10,15-triarylcorroles. Journal of Porphyrins and Phthalocyanines, 2003, 07, 25-36.	0.8	127
117	Kinetics of Place-Exchange Reactions of Thiols on Gold Nanoparticles. Langmuir, 2003, 19, 5172-5174.	3.5	119
118	Double helical and monomeric Ag(i) and Zn(ii) complexes of 1,2-cyclohexanediyl-bis(iminophenanthridine) ligands. Dalton Transactions, 2003, , 4340.	3.3	16
119	New europium(iii) complexes containing hybrid ligands with hard and soft complexation centres. New Journal of Chemistry, 2003, 27, 134-139.	2.8	48
120	Self-Assembly of Monolayer-Coated Silver Nanoparticles on Gold Electrodes. An Electrochemical Investigation. Collection of Czechoslovak Chemical Communications, 2003, 68, 1395-1406.	1.0	6
121	Phosphine and Phosphonite Complexes of a Ru(II) Porphyrin. 2. Photophysical and Electrochemical Studies. Inorganic Chemistry, 2002, 41, 5269-5275.	4.0	24
122	Solvent-Induced Modulation of Collective Photophysical Processes in Fluorescent Silica Nanoparticles. Journal of the American Chemical Society, 2002, 124, 13540-13546.	13.7	92
123	Luminescent Lanthanide Complexes of a Bis-bipyridine-phosphine-oxide Ligand as Tools for Anion Detection. Journal of the American Chemical Society, 2002, 124, 7779-7788.	13.7	193
124	The synthesis of azacrown ethers with quinoline-based sidearms as potential zinc(II) fluorophores. Tetrahedron, 2002, 58, 4809-4815.	1.9	46
125	A Luminescent Anion Sensor Based on a Europium Hybrid Complex. Journal of the American Chemical Society, 2001, 123, 12694-12695.	13.7	140
126	Synthesis, complexation properties and spectroscopic studies of the cation-induced conformational changes of some new oligooxaethylene-spaced diporphyrin arrays. New Journal of Chemistry, 2001, 25, 597-605.	2.8	3

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127	A Strategy for the Assembly of Multiple Porphyrin Arrays Based on the Coordination Chemistry of Ru-Centered Porphyrin Pentamers. <i>Journal of Organic Chemistry</i> , 2001, 66, 4476-4486.	3.2	60
128	Convenient syntheses and preliminary photophysical properties of novel 8-aminoquinoline appended diaza-18-crown-6 ligands. <i>Tetrahedron</i> , 2001, 57, 7623-7628.	1.9	35
129	Characterization of 5-chloro-8-methoxyquinoline appended diaza-18-crown-6 as a chemosensor for cadmium. <i>Tetrahedron Letters</i> , 2001, 42, 2941-2944.	1.4	113
130	Dansylated Polyamines as Fluorescent Sensors for Metal Ions: Photophysical Properties and Stability of Copper(II) Complexes in Solution. <i>Helvetica Chimica Acta</i> , 2001, 84, 690-706.	1.6	72
131	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001, 41, 123-127.	1.6	24
132	A convenient synthesis and preliminary photophysical study of novel fluoroionophores: macrocyclic polyamines containing two dansylamidoethyl side arms. <i>Tetrahedron</i> , 2001, 57, 87-91.	1.9	24
133	Synthesis, Complexation and Photophysics of <i>1,3-alternate</i> Calix[4]arene-crowns-6 Bearing Fluorophoric Units on the Bridge. <i>Supramolecular Chemistry</i> , 2001, 13, 419-434.	1.2	16
134	Photophysical and Electrochemical Characterisation of the Interactions between Components in Neutral π -Associated [2]Catenanes. <i>Chemistry - A European Journal</i> , 2000, 6, 608-617.	3.3	93
135	Luminescent chemosensors for transition metal ions. <i>Coordination Chemistry Reviews</i> , 2000, 205, 59-83.	18.8	804
136	Recent developments in transition metal ion detection by luminescent chemosensors. <i>Coordination Chemistry Reviews</i> , 2000, 208, 17-32.	18.8	164
137	Absorption and luminescence as a function of pH for carboxylic acid-functionalized ReI tricarbonyls. <i>Journal of Organometallic Chemistry</i> , 2000, 593-594, 267-273.	1.8	10
138	Luminescent Chemosensors Based on Anthracene or Dioxoxanthone Derivatives. <i>Journal of Fluorescence</i> , 2000, 10, 71-71.	2.5	23
139	A Convenient Synthesis of Novel Fluorophores: Macrocyclic Polyamines Containing Two Dansylamidoethyl Side Arms. <i>Synlett</i> , 2000, 2000, 1181-1183.	1.8	1
140	An Effective Fluorescent Chemosensor for Mercury Ions. <i>Journal of the American Chemical Society</i> , 2000, 122, 6769-6770.	13.7	302
141	β -Fused Oligoporphyrins: A Novel Approach to a New Type of Extended Aromatic System. <i>Journal of the American Chemical Society</i> , 2000, 122, 11295-11302.	13.7	61
142	Luminescent Ruthenium(II) Bipyridyl-Phosphonic Acid Complexes: pH Dependent Photophysical Behavior and Quenching with Divalent Metal Ions. <i>Inorganic Chemistry</i> , 2000, 39, 76-84.	4.0	127
143	Photophysics of 1,3-alternate calix[4]arene-crowns and of their metal ion complexes: evidence for cation- π interactions in solution. <i>New Journal of Chemistry</i> , 2000, 24, 155-158.	2.8	36
144	Luminescence signalled enantiomeric recognition of chiral organic ammonium ions by an enantiomerically pure dimethylacridino-18-crown-6 ligand. <i>New Journal of Chemistry</i> , 2000, 24, 781-785.	2.8	41

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145	The synthesis and complexation studies of thia-anthracene receptors. <i>Tetrahedron</i> , 1999, 55, 11553-11562.	1.9	17
146	Searching for New Luminescent Sensors: Synthesis and Photophysical Properties of a Tripodal Ligand Incorporating the Dansyl Chromophore and of Its Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 455-460.	2.0	111
147	Pseudorotaxanes and Catenanes Containing a Redox-Active Unit Derived from Tetrathiafulvalene. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 985-994.	2.4	56
148	Photophysical Behaviour of Corrole and its Symmetrical and Unsymmetrical Dyads. , 1999, 03, 364-370.		82
149	A [RuII(bipy)3]-[1,9-diamino-3,7-diazanonane-4,6-dione] two-component system, as an efficient ONâ€œOFF luminescent chemosensor for Ni2+ and Cu2+ in water, based on an ET (energy transfer) mechanism. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1381-1386.	1.1	78
150	Synthesis, characterisation and metal ion binding properties of crown ethers incorporating 4,5-dioxyxanthenes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 289-296.	0.9	6
151	A versatile synthetic strategy for construction of large oligomers: binding and photophysical properties of a nine-porphyrin array. <i>Chemical Communications</i> , 1999, , 1083-1084.	4.1	33
152	A Chemically and Electrochemically Switchable [2]Catenane Incorporating a Tetrathiafulvalene Unit. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 333-337.	13.8	328
153	A fluorescent sensor for magnesium ions. <i>Tetrahedron Letters</i> , 1998, 39, 5451-5454.	1.4	88
154	Simple molecular-level machines. Interchange between different threads in pseudorotaxanes. <i>New Journal of Chemistry</i> , 1998, 22, 1061-1065.	2.8	86
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