

Daniel Ruiz-Molina

List of Publications by Year in descending order

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183
papers

9,600
citations

66343

42
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43889

91
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202
all docs

202
docs citations

202
times ranked

10658
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Validation of a Bioinspired Catechol-Functionalized Pt(IV) Prodrug for Preclinical Intranasal Glioblastoma Treatment. <i>Cancers</i> , 2022, 14, 410.	3.7	9
2	Tunable Thermofluorochromic Sensors Based on Conjugated Polymers. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	2
3	Intranasal Administration of Catechol-Based Pt(IV) Coordination Polymer Nanoparticles for Glioblastoma Therapy. <i>Nanomaterials</i> , 2022, 12, 1221.	4.1	4
4	Water-Stable Carborane-Based Eu ³⁺ /Tb ³⁺ Metal-Organic Frameworks for Tunable Time-Dependent Emission Color and Their Application in Anticounterfeiting Bar-Coding. <i>Chemistry of Materials</i> , 2022, 34, 4795-4808.	6.7	27
5	Coordination polymers nanoparticles for bioimaging. <i>Coordination Chemistry Reviews</i> , 2021, 432, 213716.	18.8	41
6	Thermoresponsive multicolor-emissive materials based on solid lipid nanoparticles. <i>Materials Horizons</i> , 2021, 8, 3043-3054.	12.2	14
7	Hybrid Metal-Phenol Nanoparticles with Polydopamine-like Coating for PET/SPECT/CT Imaging. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 10705-10718.	8.0	22
8	Bioinspired Theranostic Coordination Polymer Nanoparticles for Intranasal Dopamine Replacement in Parkinson's Disease. <i>ACS Nano</i> , 2021, 15, 8592-8609.	14.6	50
9	Antitumour activity of coordination polymer nanoparticles. <i>Coordination Chemistry Reviews</i> , 2021, 441, 213977.	18.8	24
10	Thiol-yne click reaction: an interesting way to derive thiol-provided catechols. <i>RSC Advances</i> , 2021, 11, 2074-2082.	3.6	14
11	Photoactivable Ruthenium-Based Coordination Polymer Nanoparticles for Light-Induced Chemotherapy. <i>Nanomaterials</i> , 2021, 11, 3089.	4.1	4
12	Shape Memory Polyurethane Microcapsules with Active Deformation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47059-47064.	8.0	31
13	Highly transparent photochromic films with a tunable and fast solution-like response. <i>Materials Horizons</i> , 2020, 7, 2749-2759.	12.2	40
14	Solid Materials with Near-Infrared-Induced Fluorescence Modulation. <i>Advanced Optical Materials</i> , 2020, 8, 2001063.	7.3	8
15	Nanoscale coordination polymers for medicine and sensors. <i>Advances in Inorganic Chemistry</i> , 2020, , 3-31.	1.0	3
16	Bioinspired Functional Catechol Derivatives through Simple Thiol Conjugate Addition. <i>Chemistry - A European Journal</i> , 2019, 25, 12367-12379.	3.3	22
17	Versatile iron-catechol-based nanoscale coordination polymers with antiretroviral ligand functionalization and their use as efficient carriers in HIV/AIDS therapy. <i>Biomaterials Science</i> , 2019, 7, 178-186.	5.4	27
18	Color-Tunable White-Light-Emitting Materials Based on Liquid-Filled Capsules and Thermally Responsive Dyes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 17751-17758.	8.0	28

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19	Thermal Control of Intermolecular Interactions and Tuning of Fluorescent-State Energies. <i>Journal of Physical Chemistry C</i> , 2019, 123, 4632-4637.	3.1	6
20	Solid Materials with Tunable Reverse Photochromism. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11884-11892.	8.0	54
21	Die chemischen Grundlagen der Adh�sion von Catechol. <i>Angewandte Chemie</i> , 2019, 131, 706-725.	2.0	25
22	The Chemistry behind Catechol�Based Adhesion. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 696-714.	13.8	509
23	Pt(IV)-based nanoscale coordination polymers: Antitumor activity, cellular uptake and interactions with nuclear DNA. <i>Chemical Engineering Journal</i> , 2018, 340, 94-102.	12.7	30
24	Polydopamine-like Coatings as Payload Gatekeepers for Mesoporous Silica Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7661-7669.	8.0	31
25	Dual�Fluorescent Nanoscale Coordination Polymers via a Mixed�Ligand Synthetic Strategy and Their Use for Multichannel Imaging. <i>ChemNanoMat</i> , 2018, 4, 183-193.	2.8	14
26	Dual <i>T</i> ₁ / <i>T</i> ₂ Nanoscale Coordination Polymers as Novel Contrast Agents for MRI: A Preclinical Study for Brain Tumor. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 38819-38832.	8.0	50
27	Surface Functionalization of Metal-Organic Frameworks for Improved Moisture Resistance. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	2
28	Carbon nanotube-based nanocomposite sensor tuned with a catechol as novel electrochemical recognition platform of uranyl ion in aqueous samples. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 1807-1815.	7.8	18
29	Solvent�Tuned Supramolecular Assembly of Fluorescent Catechol/Pyrene Amphiphilic Molecules. <i>Chemistry - A European Journal</i> , 2018, 24, 14724-14732.	3.3	9
30	Ligand and solvent effects in the formation and self-assembly of a metallosupramolecular cage. <i>New Journal of Chemistry</i> , 2017, 41, 1179-1185.	2.8	5
31	Synthesis of Polydopamine-Like Nanocapsules via Removal of a Sacrificial Mesoporous Silica Template with Water. <i>Chemistry - A European Journal</i> , 2017, 23, 2733-2733.	3.3	3
32	Synthesis and Characterization of PtTe ₂ Multi-Crystallite Nanoparticles using Organotellurium Nanocomposites. <i>Scientific Reports</i> , 2017, 7, 9889.	3.3	5
33	Surface Functionalization of Metal�Organic Framework Crystals with Catechol Coatings for Enhanced Moisture Tolerance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44641-44648.	8.0	33
34	Synthesis of Polydopamine�Like Nanocapsules via Removal of a Sacrificial Mesoporous Silica Template with Water. <i>Chemistry - A European Journal</i> , 2017, 23, 2753-2758.	3.3	31
35	Recent advances in porous nanoparticles for drug delivery in antitumoral applications: inorganic nanoparticles and nanoscale metal-organic frameworks. <i>Expert Opinion on Drug Delivery</i> , 2017, 14, 783-796.	5.0	121
36	Copolymerization of a Catechol and a Diamine as a Versatile Polydopamine-Like Platform for Surface Functionalization: The Case of a Hydrophobic Coating. <i>Biomimetics</i> , 2017, 2, 22.	3.3	32

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37	Bioinspired Catechol-Based Systems: Chemistry and Applications. <i>Biomimetics</i> , 2017, 2, 25.	3.3	7
38	Replacing Nitrogen by Sulfur: From Structurally Disordered Eumelanins to Regioregular Thiomelanin Polymers. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2169.	4.1	13
39	High-Throughput Topographic, Mechanical, and Biological Screening of Multilayer Films Containing Mussel-Inspired Biopolymers. <i>Advanced Functional Materials</i> , 2016, 26, 2745-2755.	14.9	49
40	Biocompatible polydopamine-like particles for the removal of heavy metals at extremely low concentrations. <i>RSC Advances</i> , 2016, 6, 40058-40066.	3.6	28
41	Coordination polymers built from 1,4-bis(imidazol-1-ylmethyl)benzene: from crystalline to amorphous. <i>Dalton Transactions</i> , 2016, 45, 11233-11255.	3.3	33
42	Switchable colloids, thin-films and interphases based on metal complexes with non-innocent ligands: the case of valence tautomerism and their applications. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5879-5889.	5.5	37
43	Nanoscale coordination polymers obtained in ultrasmall liquid droplets on solid surfaces and its comparison to different synthetic volume scales. <i>RSC Advances</i> , 2016, 6, 76666-76672.	3.6	5
44	Reactions in ultra-small droplets by tip-assisted chemistry. <i>Chemical Communications</i> , 2016, 52, 11617-11626.	4.1	19
45	Temperature-Controlled Switchable Photochromism in Solid Materials. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15044-15048.	13.8	58
46	Temperature-Controlled Switchable Photochromism in Solid Materials. <i>Angewandte Chemie</i> , 2016, 128, 15268-15272.	2.0	22
47	Synthesis of Nanoscale Coordination Polymers in Femtoliter Reactors on Surfaces. <i>ACS Nano</i> , 2016, 10, 3206-3213.	14.6	25
48	Thermally Switchable Molecular Upconversion Emission. <i>Chemistry of Materials</i> , 2016, 28, 738-745.	6.7	34
49	Covalent Grafting of Coordination Polymers on Surfaces: The Case of Hybrid Valence Tautomeric Interphases. <i>Chemistry - A European Journal</i> , 2015, 21, 10094-10099.	3.3	12
50	Liquid-Filled Valence Tautomeric Microcapsules: A Solid Material with Solution-Like Behavior. <i>Advanced Functional Materials</i> , 2015, 25, 4129-4134.	14.9	17
51	Design and Synthesis of a Noninnocent Multitopic Catechol and Pyridine Mixed Ligand: Nanoscale Polymers and Valence Tautomerism. <i>Inorganic Chemistry</i> , 2015, 54, 6776-6781.	4.0	13
52	Dual T ₁ /T ₂ MRI contrast agent based on hybrid SPION@coordination polymer nanoparticles. <i>RSC Advances</i> , 2015, 5, 86779-86783.	3.6	33
53	Bioinspired Catechol-Terminated Self-Assembled Monolayers with Enhanced Adhesion Properties. <i>Small</i> , 2014, 10, 1594-1602.	10.0	31
54	Coordination Polymer Particles with ligand-centred pH-responses and spin transition. <i>Chemical Communications</i> , 2014, 50, 14570-14572.	4.1	31

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55	Improving catalase-based propelled motor endurance by enzyme encapsulation. <i>Nanoscale</i> , 2014, 6, 8907-8913.	5.6	34
56	Effect of surfactants on the performance of tubular and spherical micromotors – a comparative study. <i>RSC Advances</i> , 2014, 4, 20334-20340.	3.6	58
57	Mussel-Inspired Hydrophobic Coatings for Water-Repellent Textiles and Oil Removal. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17616-17625.	8.0	50
58	Controlling Spin Transition in One-Dimensional Coordination Polymers through Polymorphism. <i>Inorganic Chemistry</i> , 2014, 53, 8742-8748.	4.0	20
59	Hydrophobic coordination polymer nanoparticles and application for oil-water separation. <i>RSC Advances</i> , 2014, 4, 15293-15296.	3.6	36
60	Synthesis of polydopamine at the femtoliter scale and confined fabrication of Ag nanoparticles on surfaces. <i>Chemical Communications</i> , 2014, 50, 12548-12551.	4.1	21
61	Carboxyl Group (–CO ₂ H) Functionalized Coordination Polymer Nanoparticles as Efficient Platforms for Drug Delivery. <i>Chemistry - A European Journal</i> , 2014, 20, 15443-15450.	3.3	49
62	Mn ¹² single molecule magnets deposited on ¹²⁹ Xe-SQUID sensors: the role of interphases and structural modifications. <i>Nanoscale</i> , 2013, 5, 12565.	5.6	19
63	Catechol-Based Biomimetic Functional Materials. <i>Advanced Materials</i> , 2013, 25, 653-701.	21.0	638
64	Surface-Confined Molecular Coolers for Cryogenics. <i>Advanced Materials</i> , 2013, 25, 2984-2988.	21.0	34
65	Versatile Nanostructured Materials via Direct Reaction of Functionalized Catechols. <i>Advanced Materials</i> , 2013, 25, 2066-2070.	21.0	93
66	Coordination polymer nanoparticles in medicine. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2839-2847.	18.8	153
67	Liquid-Filled Capsules as Fast Responsive Photochromic Materials. <i>Advanced Optical Materials</i> , 2013, 1, 631-636.	7.3	26
68	Robust spin crossover platforms with synchronized spin switch and polymer phase transition. <i>Scientific Reports</i> , 2013, 3, .	3.3	25
69	Encapsulation and Release Mechanisms in Coordination Polymer Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 17508-17516.	3.3	41
70	Self-assembly of alkylcatechols on HOPG investigated by scanning tunneling microscopy and molecular dynamics simulations. <i>CrystEngComm</i> , 2012, 14, 264-271.	2.6	17
71	Self-assembly of a catechol-based macrocycle at the liquid-solid interface: experiments and molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11937.	2.8	14
72	Controlled Positioning of Nanoparticles on Graphene by Noninvasive AFM Lithography. <i>Langmuir</i> , 2012, 28, 12400-12409.	3.5	13

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73	Advances on structuring, integration and magnetic characterization of molecular nanomagnets on surfaces and devices. <i>Chemical Society Reviews</i> , 2012, 41, 258-302.	38.1	135
74	Structuration and Integration of Magnetic Nanoparticles on Surfaces and Devices. <i>Small</i> , 2012, 8, 1465-1491.	10.0	35
75	Switchable Self-Assembly of a Bioinspired Alkyl Catechol at a Solid/Liquid Interface: Competitive Interfacial, Noncovalent, and Solvent Interactions. <i>Chemistry - A European Journal</i> , 2012, 18, 3056-3063.	3.3	30
76	Multiplexed arrays of chemosensors by parallel dip-pen nanolithography. <i>Chemical Communications</i> , 2011, 47, 6864.	4.1	13
77	Assisted-assembly of coordination materials into advanced nanoarchitectures by Dip Pen nanolithography. <i>Chemical Communications</i> , 2011, 47, 5175.	4.1	28
78	Ultrasensitive Broad Band SQUID Microsusceptometer for Magnetic Measurements at Very Low Temperatures. <i>IEEE Transactions on Applied Superconductivity</i> , 2011, 21, 345-348.	1.7	15
79	Alternating current magnetic susceptibility of a molecular magnet submonolayer directly patterned onto a micro superconducting quantum interference device. <i>Applied Physics Letters</i> , 2011, 99, 032504.	3.3	18
80	Controlling the Number of Proteins with Dip-Pen Nanolithography. <i>Advanced Materials</i> , 2010, 22, 352-355.	21.0	43
81	Coexistence of Two Thermally Induced Intramolecular Electron Transfer Processes in a Series of Metal Complexes $[M(\text{Cat}^{\text{N}}\text{BQ})(\text{Cat}^{\text{N}}\text{SQ})]/[M(\text{Cat}^{\text{N}}\text{BQ})_2]$ (M=Co, Fe, and Ni) bearing Non-Innocent Catechol-Based Ligands: A Combined Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2010, 16, 6666-6677.	3.3	42
82	Nanoscale positioning of inorganic nanoparticles using biological ferritin arrays fabricated by dip-pen nanolithography. <i>Scanning</i> , 2010, 32, 35-41.	1.5	18
83	Effect of crystalline disorder on quantum tunneling in the single-molecule magnet Mn_{12} benzoate. <i>Physical Review B</i> , 2010, 81, .	3.2	17
84	Coordination polymer particles as potential drug delivery systems. <i>Chemical Communications</i> , 2010, 46, 4737.	4.1	224
85	Metal-Radical Chains Based on Polychlorotriphenylmethyl Radicals: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2010, 49, 3482-3488.	4.0	10
86	Structuration of pH-responsive fluorescent molecules on surfaces by soft lithographic techniques. <i>Nanoscale</i> , 2010, 2, 1781.	5.6	7
87	Alignment of magnetic anisotropy axes in crystals of Mn_{12} molecular nanoma. <i>Physical Review B</i> , 2009, 80, .	3.2	11
88	Particle-size dependence of magnetization relaxation in Mn_{12} crystals. <i>Physical Review B</i> , 2009, 79, .	3.2	42
89	Specific solvent effects on the intramolecular electron transfer reaction in a neutral ferrocene donor polychlorotriphenylmethyl acceptor radical with extended conjugation. <i>Solid State Sciences</i> , 2009, 11, 786-792.	3.2	11
90	Solvent effects on valence tautomerism: A comparison between the interconversion in solution and solid state. <i>Solid State Sciences</i> , 2009, 11, 793-800.	3.2	46

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91	Metal-Organic Spheres as Functional Systems for Guest Encapsulation. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2325-2329.	13.8	192
92	Morphological Investigation of Mn ₁₂ Single-Molecule Magnets Adsorbed on Au(111). <i>Langmuir</i> , 2009, 25, 10107-10115.	3.5	9
93	Acetylcholinesterase as an amyloid enhancing factor in PrP82-146 aggregation process. <i>Molecular and Cellular Neurosciences</i> , 2009, 40, 217-224.	2.2	24
94	pH-Responsive Fluorescent Nanoarrays Fabricated by Direct-Write Parallel Dip-Pen Nanolithography. <i>Small</i> , 2008, 4, 2131-2135.	10.0	13
95	Catechol Derivatives as Fluorescent Chemosensors for Wide-Range pH Detection. <i>Chemistry - A European Journal</i> , 2008, 14, 9754-9763.	3.3	26
96	Synthesis, X-ray Structure and Reactivity of a Sterically Protected Azobisphenol Ligand: On the Quest for New Multifunctional Active Ligands. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2278-2285.	2.0	10
97	Valence-Tautomeric Metal-Organic Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1857-1860.	13.8	143
98	Valence tautomerism: More actors than just electroactive ligands and metal ions. <i>Comptes Rendus Chimie</i> , 2008, 11, 1137-1154.	0.5	131
99	Intramolecular electron transfer in the mixed-valence [Co(3,5-DTBCat)(3,5-DTBSQ)(bpy)] complex: Beyond valence tautomerism. <i>Inorganica Chimica Acta</i> , 2008, 361, 3403-3409.	2.4	16
100	Magnetism and magnetic resonance studies of single-molecule magnets in polymer matrices. <i>Inorganica Chimica Acta</i> , 2008, 361, 3714-3717.	2.4	11
101	Magnetic behaviour of Mn ₁₂ single-molecule magnet nanospheres. <i>Inorganica Chimica Acta</i> , 2008, 361, 3951-3956.	2.4	6
102	Single-molecule magnet behaviour in metal-organic nanospheres generated by simple precipitation of Mn ₁₂ O ₁₂ clusters. <i>Chemical Communications</i> , 2008, , 1202.	4.1	20
103	A hexacarboxylic open-shell building block: synthesis, structure and magnetism of a three-dimensional metal-radical framework. <i>Journal of Materials Chemistry</i> , 2008, 18, 98-108.	6.7	30
104	Surface-Structured Molecular Sensor for the Optical Detection of Acidity. <i>Langmuir</i> , 2008, 24, 2963-2966.	3.5	20
105	High-frequency ESR and frequency domain magnetic resonance spectroscopic studies of single molecule magnets in frozen solution. <i>Physical Review B</i> , 2007, 75, .	3.2	23
106	Old materials with new tricks: multifunctional open-framework materials. <i>Chemical Society Reviews</i> , 2007, 36, 770.	38.1	1,037
107	Advances on the nanostructuring of magnetic molecules on surfaces: the case of single-molecule magnets (SMM). <i>Chemical Communications</i> , 2007, , 3699.	4.1	100
108	New insights into the thermal stability of Mn ₁₂ clusters: The case of complex [Mn ₁₂ O ₁₂ (O ₂ CCi ⁻ CH) ₁₆ (H ₂ O) ₄ ·3H ₂ O and its thermolysis derived [Mn ₃ (O ₂ CCi ⁻ CH) ₆ (H ₂ O) ₄ ·2H ₂ O complex		5

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109	Solvent Tuning from Normal to Inverted Marcus Region of Intramolecular Electron Transfer in Ferrocene-Based Organic Radicals. <i>Journal of the American Chemical Society</i> , 2007, 129, 6117-6129.	13.7	87
110	First-Row Transition-Metal Complexes Based on a Carboxylate Polychlorotriphenylmethyl Radical: Trends in Metal-Radical Exchange Interactions. <i>Inorganic Chemistry</i> , 2007, 46, 1627-1633.	4.0	32
111	Structural and Magnetic Modulation of a Purely Organic Open Framework by Selective Guest Inclusion. <i>Chemistry - A European Journal</i> , 2007, 13, 8153-8163.	3.3	41
112	Self-assembly of carboxylic substituted PTM radicals: From weak ferromagnetic interactions to robust porous magnets. <i>Polyhedron</i> , 2007, 26, 1934-1948.	2.2	17
113	Influence of bridge topology and torsion on the intramolecular electron transfer. <i>Faraday Discussions</i> , 2006, 131, 291-305.	3.2	30
114	2-D Self-assembly of the bis(phthalocyaninato)terbium(iii) single-molecule magnet studied by scanning tunnelling microscopy. <i>Chemical Communications</i> , 2006, , 2866-2868.	4.1	86
115	Controlled crystallization of Mn ₁₂ single-molecule magnets by compressed CO ₂ and its influence on the magnetization relaxation. <i>Journal of Materials Chemistry</i> , 2006, 16, 2612-2617.	6.7	16
116	A New Hexaferrocene Complex with a [M ₃ (O)] ⁷⁺ Core. <i>Inorganic Chemistry</i> , 2006, 45, 10443-10445.	4.0	24
117	Ordered Patterning of Nanometric Rings of Single Molecule Magnets on Polymers by Lithographic Control of Demixing. <i>Journal of Physical Chemistry B</i> , 2006, 110, 11607-11610.	2.6	55
118	Three-Dimensional Six-Connecting Organic Building Blocks Based on Polychlorotriphenylmethyl Units: Synthesis, Self-Assembly, and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2006, 12, 9238-9253.	3.3	36
119	Magnetic Nanoporous Molecular Materials. , 2005, , 261-282.		0
120	Carboxylic-substituted polychlorotriphenylmethyl radicals, new organic building-blocks to design nanoporous magnetic molecular materials. <i>Comptes Rendus Chimie</i> , 2005, 8, 1213-1225.	0.5	18
121	Valence Tautomerism: New Challenges for Electroactive Ligands. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2957-2971.	2.0	299
122	Magnetic Information Storage on Polymers by Using Patterned Single-Molecule Magnets. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 888-892.	13.8	134
123	Magnetic Nanoporous Coordination Polymers. <i>ChemInform</i> , 2005, 36, no.	0.0	0
124	Valence Tautomerism: New Challenges for Electroactive Ligands. <i>ChemInform</i> , 2005, 36, no.	0.0	0
125	Long-Range Ferromagnetism of Mn ₁₂ Acetate Single-Molecule Magnets under a Transverse Magnetic Field. <i>Physical Review Letters</i> , 2005, 95, 227202.	7.8	36
126	Self-organization of Mn ₁₂ single-molecule magnets into ring structures induced by breath-figures as templates. <i>Chemical Communications</i> , 2005, , 5615.	4.1	29

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127	An Unusually Stable Trinuclear Manganese(II) Complex Bearing Bulk Carboxylic Radical Ligands. <i>Inorganic Chemistry</i> , 2005, 44, 6936-6938.	4.0	17
128	Coexistence of ferro- and antiferromagnetic interactions in a metal-organic radical-based (6,3)-helical network with large channels. <i>Chemical Communications</i> , 2005, , 5035.	4.1	81
129	Hydrogen-bonded self-assemblies in a polychlorotriphenylmethyl radical derivative substituted with six meta-carboxylic acid groups. <i>Chemical Communications</i> , 2005, , 4801.	4.1	22
130	Trihaloacetic acids: an investigation of steric and inductive ligand effects on the synthesis of [Mn12O12(O2CCX3)16(H2O)4] single-molecule magnets. <i>New Journal of Chemistry</i> , 2005, 29, 499-503.	2.8	11
131	Ferrocene triphenylmethyl radical donor-acceptor compounds. Towards development of multifunctional molecular switches. <i>Arkivoc</i> , 2005, 2005, 104-114.	0.5	7
132	Magneto-structural defects on a congested nanoscopic polyradical dendrimer. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 737-744.	4.0	4
133	A Robust Purely Organic Nanoporous Magnet. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1828-1832.	13.8	93
134	A Molecular Multiproperty Switching Array Based on the Redox Behavior of a Ferrocenyl Polychlorotriphenylmethyl Radical. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5266-5268.	13.8	133
135	Supramolecular Photomagnetic Materials: Photoinduced Dimerization of Ferrocene-Based Polychlorotriphenylmethyl Radicals. <i>Chemistry - A European Journal</i> , 2004, 10, 603-616.	3.3	22
136	Magneto-Structural Characterization of Metallocene-Bridged Nitronyl Nitroxide Diradicals by X-Ray, Magnetic Measurements, Solid-state NMR Spectroscopy, and Ab Initio Calculations. <i>Chemistry - A European Journal</i> , 2004, 10, 1355-1365.	3.3	22
137	Synthesis, X-ray structure, EPR and optical properties of a ferrocene substituted polychlorotriphenylmethyl radical. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 753-758.	4.0	16
138	EPR characterization of a nanoporous metal-organic framework exhibiting a bulk magnetic ordering. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 819-824.	4.0	7
139	Synthesis, X-ray structure and magnetic properties of the quinone cobalt complexes [CoIII(3,5-DTBSQ)(bpy)2]x2 (x ²⁺ =BF4 ⁻ , ClO4 ⁻). <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 831-837.	4.0	17
140	A new (63)Å ³ (69.81) non-interpenetrated paramagnetic network with helical nanochannels based on a tricarboxylic perchlorotriphenylmethyl radical. <i>Chemical Communications</i> , 2004, , 1164-1165.	4.1	42
141	Synthesis, structural and magnetic properties of a series of copper(ii) complexes containing a monocarboxylated perchlorotriphenylmethyl radical as a coordinating open-shell ligand. <i>Dalton Transactions</i> , 2004, , 1073.	3.3	42
142	Open-shell channel-like salts formed by the supramolecular assembly of a tricarboxylated perchlorotriphenylmethyl radical and a [Co(bpy)3]2+ cation. <i>CrystEngComm</i> , 2004, 6, 573.	2.6	12
143	A Robust Nanocontainer Based on a Pure Organic Free Radical. <i>Journal of the American Chemical Society</i> , 2004, 126, 730-731.	13.7	75
144	Magnetism of isolated Mn12 single-molecule magnets detected by magnetic circular dichroism: Observation of spin tunneling with a magneto-optical technique. <i>Physical Review B</i> , 2004, 69, .	3.2	36

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145	Chiral, single-molecule nanomagnets: synthesis, magnetic characterization and natural and magnetic circular dichroism. <i>Journal of Materials Chemistry</i> , 2004, 14, 2455-2460.	6.7	48
146	Magnetic nanoporous coordination polymers. <i>Journal of Materials Chemistry</i> , 2004, 14, 2713.	6.7	461
147	Synthesis and Characterization of a [Mn ₁₂ O ₁₂ (O ₂ CR) ₁₆ (H ₂ O) ₄] Complex Bearing Paramagnetic Carboxylate Ligands. Use of a Modified Acid Replacement Synthetic Approach. <i>Monatshefte für Chemie</i> , 2003, 134, 265-276.	1.8	20
148	Isolated Single-Molecule Magnets on the Surface of a Polymeric Thin Film. <i>Advanced Materials</i> , 2003, 15, 42-45.	21.0	85
149	Synthesis, X-ray structure and characterization of a novel [fc(IMH) ₂ H]+[Co(hfac) ₃] ⁻ salt with hydrogen bonded ferrocenyl bis(imino hydroxylamino) building blocks. <i>Journal of Organometallic Chemistry</i> , 2003, 684, 44-49.	1.8	5
150	Nonlinear optical properties of open-shell polychlorotriphenylmethyl radicals. <i>Polyhedron</i> , 2003, 22, 1851-1856.	2.2	20
151	Examining the thermolysis reactions of nanoscopic Mn ₁₂ single molecule magnets. <i>Polyhedron</i> , 2003, 22, 1951-1955.	2.2	15
152	Synthesis, X-ray structure and magnetic properties of a unusual transition Co(II) complex with polychlorotriphenylmethyl radicals. <i>Polyhedron</i> , 2003, 22, 1929-1934.	2.2	8
153	Synthesis and characterization of a new chiral nanomagnet. <i>Polyhedron</i> , 2003, 22, 2355-2358.	2.2	18
154	A nanoporous molecular magnet with reversible solvent-induced mechanical and magnetic properties. <i>Nature Materials</i> , 2003, 2, 190-195.	27.5	633
155	A New Valence Tautomerism Example in an Electroactive Ferrocene Substituted Triphenylmethyl Radical. <i>Journal of the American Chemical Society</i> , 2003, 125, 1462-1463.	13.7	95
156	Single-molecule magnets on a polymeric thin film as magnetic quantum bits. , 2003, 5118, 594.		0
157	Intramolecular Electron Transfer in Organic Molecules. <i>Molecular Nanowires</i> . , 2002, , 125-138.		0
158	Characterisation of nanoscopic [Mn ₁₂ O ₁₂ (O ₂ CR) ₁₆ (H ₂ O) ₄] single-molecule magnets: physicochemical properties and LDI- and MALDI-TOF mass spectrometry LDI- and MALDI-TOF are acronyms for Laser Desorption/Ionisation and Matrix Assisted Laser Desorption/Ionisation Time-of-Flight.. <i>Journal of Materials Chemistry</i> , 2002, 12, 1152-1161.	6.7	44
159	A very bulky carboxylic perchlorotriphenylmethyl radical as a novel ligand for transition metal complexes. A new spin frustrated metal system. <i>Chemical Communications</i> , 2002, , 2958-2959.	4.1	32
160	Spontaneous resolution and absolute configuration of a coordination polymer formed by MnII and a ferrocene-based bisnitronyl nitroxide radical Electronic supplementary information available: Experimental procedure. See http://www.rsc.org/suppdata/cc/b2/b205722k/ . <i>Chemical Communications</i> , 2002, , 2342-2343.	4.1	36
161	Radical para-Benzoic Acid Derivatives: Transmission of Ferromagnetic Interactions through Hydrogen Bonds at Long Distances. <i>Chemistry - A European Journal</i> , 2002, 8, 3635.	3.3	70
162	A Thermally and Electrochemically Switchable Molecular Array Based on a Manganese Schiff Base Complex. <i>Advanced Functional Materials</i> , 2002, 12, 347.	14.9	27

#	ARTICLE	IF	CITATIONS
163	Nonlinear optical properties of polychlorotriphenylmethyl radicals: towards the design of 'super-octupolar' molecules. <i>Chemical Physics Letters</i> , 2002, 363, 245-251.	2.6	30
164	Synthesis and Characterization of a [Mn ₁₂ O ₁₂ (O ₂ CR) ₁₆ (H ₂ O) ₄] Complex Bearing Paramagnetic Carboxylate Ligands. Use of a Modified Acid Replacement Synthetic Approach. , 2002, , 149-160.		1
165	Formation of a biradical species from a monoradical with a photo- and thermo isomerizable imine group. <i>Synthetic Metals</i> , 2001, 121, 1804-1805.	3.9	0
166	Nonlinear optical properties of a new stable ferrocenyl Schiff-base polychlorotriphenylmethyl radical. <i>Synthetic Metals</i> , 2001, 121, 1834-1835.	3.9	11
167	Synthesis and Characterization of a Nanoscopic Molecular-Scale Wire Bearing Terminal Redox-Active Polychlorotriphenylmethyl Radicals. <i>Nano Letters</i> , 2001, 1, 117-120.	9.1	13
168	Synthesis, Crystal Structure, and Spectroscopic and Magnetic Properties of a New [Co ₄ O(OOCNC ₉ H ₁₈) ₆] Cluster. <i>Organometallics</i> , 2001, 20, 568-571.	2.3	20
169	EPR study of the trans and cis isomers of a ferrocenyl Schiff-based polychlorotriphenylmethyl radical. <i>Polyhedron</i> , 2001, 20, 1643-1646.	2.2	2
170	Ferrocene as a ferromagnetic coupler. Synthesis and characterization of a ferrocene bridged polychlorotriphenylmethyl diradical. <i>Journal of Organometallic Chemistry</i> , 2001, 637-639, 251-257.	1.8	25
171	Ferrocene substituted nitronyl nitroxide and imino nitroxide radicals. Synthesis, X-ray structure and magnetic properties. <i>Journal of Organometallic Chemistry</i> , 2001, 637-639, 507-513.	1.8	14
172	Influence of Topology on the Long-Range Electron-Transfer Phenomenon. <i>Chemistry - A European Journal</i> , 2001, 7, 240-250.	3.3	98
173	A New Photomagnetic Molecular System Based on Photoinduced Self-Assembly of Radicals. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 919-922.	13.8	40
174	Intramolecular electronic-transfer phenomena in organic mixed-valence compounds. , 2001, , 303-327.		7
175	Influence of Topology on the Long-Range Electron-Transfer Phenomenon. <i>Chemistry - A European Journal</i> , 2001, 7, 240-250.	3.3	5
176	Spin Frustration in a Dimeric MnII Complex with a Metallocene-Substituted $\dot{\text{N}}$ -Nitronyl Nitroxide Radical. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3688-3691.	13.8	24
177	Single-Molecule Magnets. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 343, 17-27.	0.3	23
178	Redox-Tunable Valence Tautomerism in a Cobalt Schiff Base Complex. <i>Inorganic Chemistry</i> , 2000, 39, 617-619.	4.0	77
179	Influence of the Molecular Surface Characteristics of the Diastereoisomers of a Quartet Molecule on their Physicochemical Properties: A Linear Solvation Free-Energy Study. <i>Chemistry - A European Journal</i> , 1999, 5, 3533-3548.	3.3	24
180	Ferromagnetic interactions between triphenylmethyl radicals through an organometallic coupler. <i>Chemical Communications</i> , 1999, , 579-580.	4.1	34

#	ARTICLE	IF	CITATIONS
181	Crystal Structures of Chiral Diastereoisomers of a Carbon-Based High-Spin Molecule. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 330-333.	13.8	33
182	Crystal Structures of Chiral Diastereoisomers of a Carbon-Based High-Spin Molecule. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 330-333.	13.8	1
183	Drawbacks Arising from the High Steric Congestion in the Synthesis of New Dendritic Polyalkylaromatic Polyradicals. <i>Journal of Organic Chemistry</i> , 1997, 62, 9009-9017.	3.2	24