# Daniel Ruiz-Molina

List of Publications by Year
in descending order



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|---|---|---|---|
| 183 papers | 9,600 citations | 66234 42 h-index | 43802 91 g-index |
| 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. Cancers, 2022, 14, 410. | 1.7 | 9 |
| 2 | Tunable Thermofluorochromic Sensors Based on Conjugated Polymers. Advanced Optical Materials, 2022, 10, . | 3.6 | 2 |
| 3 | Intranasal Administration of Catechol-Based Pt(IV) Coordination Polymer Nanoparticles for Glioblastoma Therapy. Nanomaterials, 2022, 12, 1221. | 1.9 | 4 |
| 4 | Water-Stable Carborane-Based Eu<sup>3+</sup>/Tb<sup>3+</sup> Metalâ€“Organic Frameworks for Tunable Time-Dependent Emission Color and Their Application in Anticounterfeiting Bar-Coding. Chemistry of Materials, 2022, 34, 4795-4808. | 3.2 | 27 |
| 5 | Coordination polymers nanoparticles for bioimaging. Coordination Chemistry Reviews, 2021, 432, 213716. | 9.5 | 41 |
| 6 | Thermoresponsive multicolor-emissive materials based on solid lipid nanoparticles. Materials Horizons, 2021, 8, 3043-3054. | 6.4 | 14 |
| 7 | Hybrid Metalâ€“Phenol Nanoparticles with Polydopamine-like Coating for PET/SPECT/CT Imaging. ACS Applied Materials & Interfaces, 2021, 13, 10705-10718. | 4.0 | 22 |
| 8 | Bioinspired Theranostic Coordination Polymer Nanoparticles for Intranasal Dopamine Replacement in Parkinsonâ€™s Disease. ACS Nano, 2021, 15, 8592-8609. | 7.3 | 50 |
| 9 | Antitumour activity of coordination polymer nanoparticles. Coordination Chemistry Reviews, 2021, 441, 213977. | 9.5 | 24 |
| 10 | Thiol-yne click reaction: an interesting way to derive thiol-provided catechols. RSC Advances, 2021, 11, 2074-2082. | 1.7 | 14 |
| 11 | Photoactivable Ruthenium-Based Coordination Polymer Nanoparticles for Light-Induced Chemotherapy. Nanomaterials, 2021, 11, 3089. | 1.9 | 4 |
| 12 | Shape Memory Polyurethane Microcapsules with Active Deformation. ACS Applied Materials & Interfaces, 2020, 12, 47059-47064. | 4.0 | 31 |
| 13 | Highly transparent photochromic films with a tunable and fast solution-like response. Materials Horizons, 2020, 7, 2749-2759. | 6.4 | 40 |
| 14 | Solid Materials with Nearâ€Infraredâ€Induced Fluorescence Modulation. Advanced Optical Materials, 2020, 8, 2001063. | 3.6 | 8 |
| 15 | Nanoscale coordination polymers for medicine and sensors. Advances in Inorganic Chemistry, 2020, , 3-31. | 0.4 | 3 |
| 16 | Bioinspired Functional Catechol Derivatives through Simple Thiol Conjugate Addition. Chemistry - A European Journal, 2019, 25, 12367-12379. | 1.7 | 22 |
| 17 | Versatile ironâ€“catechol-based nanoscale coordination polymers with antiretroviral ligand functionalization and their use as efficient carriers in HIV/AIDS therapy. Biomaterials Science, 2019, 7, 178-186. | 2.6 | 27 |
| 18 | Color-Tunable White-Light-Emitting Materials Based on Liquid-Filled Capsules and Thermally Responsive Dyes. ACS Applied Materials & Interfaces, 2019, 11, 17751-17758. | 4.0 | 28 |

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| 19 | Thermal Control of Intermolecular Interactions and Tuning of Fluorescent-State Energies. Journal of Physical Chemistry C, 2019, 123, 4632-4637. | 1.5 | 6 |
| 20 | Solid Materials with Tunable Reverse Photochromism. ACS Applied Materials & Interfaces, 2019, 11, 11884-11892. | 4.0 | 54 |
| 21 | Die chemischen Grundlagen der AdhÃsion von Catechol. Angewandte Chemie, 2019, 131, 706-725. | 1.6 | 25 |
| 22 | The Chemistry behind Catecholâ€Based Adhesion. Angewandte Chemie - International Edition, 2019, 58, 696-714. | 7.2 | 509 |
| 23 | Pt(IV)-based nanoscale coordination polymers: Antitumor activity, cellular uptake and interactions with nuclear DNA. Chemical Engineering Journal, 2018, 340, 94-102. | 6.6 | 30 |
| 24 | Polydopamine-like Coatings as Payload Gatekeepers for Mesoporous Silica Nanoparticles. ACS Applied Materials & Interfaces, 2018, 10, 7661-7669. | 4.0 | 31 |
| 25 | Dualâ€Fluorescent Nanoscale Coordination Polymers via a Mixedâ€Ligand Synthetic Strategy and Their Use for Multichannel Imaging. ChemNanoMat, 2018, 4, 183-193. | 1.5 | 14 |
| 26 | Dual T<sub>1</sub>/T<sub>2</sub> Nanoscale Coordination Polymers as Novel Contrast Agents for MRI: A Preclinical Study for Brain Tumor. ACS Applied Materials & Interfaces, 2018, 10, 38819-38832. | 4.0 | 50 |
| 27 | Surface Functionalization of Metal-Organic Frameworks for Improved Moisture Resistance. Journal of Visualized Experiments, 2018, , . | 0.2 | 2 |
| 28 | Carbon nanotube-based nanocomposite sensor tuned with a catechol as novel electrochemical recognition platform of uranyl ion in aqueous samples. Sensors and Actuators B: Chemical, 2018, 273, 1807-1815. | 4.0 | 18 |
| 29 | Solventâ€Tuned Supramolecular Assembly of Fluorescent Catechol/Pyrene Amphiphilic Molecules. Chemistry - A European Journal, 2018, 24, 14724-14732. | 1.7 | 9 |
| 30 | Ligand and solvent effects in the formation and self-assembly of a metallosupramolecular cage. New Journal of Chemistry, 2017, 41, 1179-1185. | 1.4 | 5 |
| 31 | Synthesis of Polydopamine-Like Nanocapsules via Removal of a Sacrificial Mesoporous Silica Template with Water. Chemistry - A European Journal, 2017, 23, 2733-2733. | 1.7 | 3 |
| 32 | Synthesis and Characterization of PtTe2 Multi-Crystallite Nanoparticles using Organotellurium Nanocomposites. Scientific Reports, 2017, 7, 9889. | 1.6 | 5 |
| 33 | Surface Functionalization of Metalâ€“Organic Framework Crystals with Catechol Coatings for Enhanced Moisture Tolerance. ACS Applied Materials & Interfaces, 2017, 9, 44641-44648. | 4.0 | 33 |
| 34 | Synthesis of Polydopamineâ€Like Nanocapsules via Removal of a Sacrificial Mesoporous Silica Template with Water. Chemistry - A European Journal, 2017, 23, 2753-2758. | 1.7 | 31 |
| 35 | Recent advances in porous nanoparticles for drug delivery in antitumoral applications: inorganic nanoparticles and nanoscale metal-organic frameworks. Expert Opinion on Drug Delivery, 2017, 14, 783-796. | 2.4 | 121 |
| 36 | Copolymerization of a Catechol and a Diamine as a Versatile Polydopamine-Like Platform for Surface Functionalization: The Case of a Hydrophobic Coating. Biomimetics, 2017, 2, 22. | 1.5 | 32 |

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| 37 | Bioinspired Catechol-Based Systems: Chemistry and Applications. Biomimetics, 2017, 2, 25. | 1.5 | 7 |
| 38 | Replacing Nitrogen by Sulfur: From Structurally Disordered Eumelanins to Regioregular Thiomelanin Polymers. International Journal of Molecular Sciences, 2017, 18, 2169. | 1.8 | 13 |
| 39 | Highâ€Throughput Topographic, Mechanical, and Biological Screening of Multilayer Films Containing Musselâ€Inspired Biopolymers. Advanced Functional Materials, 2016, 26, 2745-2755. | 7.8 | 49 |
| 40 | Biocompatible polydopamine-like particles for the removal of heavy metals at extremely low concentrations. RSC Advances, 2016, 6, 40058-40066. | 1.7 | 28 |
| 41 | Coordination polymers built from 1,4-bis(imidazol-1-ylmethyl)benzene: from crystalline to amorphous. Dalton Transactions, 2016, 45, 11233-11255. | 1.6 | 33 |
| 42 | Switchable colloids, thin-films and interphases based on metal complexes with non-innocent ligands: the case of valence tautomerism and their applications. Journal of Materials Chemistry C, 2016, 4, 5879-5889. | 2.7 | 37 |
| 43 | Nanoscale coordination polymers obtained in ultrasmall liquid droplets on solid surfaces and its comparison to different synthetic volume scales. RSC Advances, 2016, 6, 76666-76672. | 1.7 | 5 |
| 44 | Reactions in ultra-small droplets by tip-assisted chemistry. Chemical Communications, 2016, 52, 11617-11626. | 2.2 | 19 |
| 45 | Temperatureâ€Controlled Switchable Photochromism in Solid Materials. Angewandte Chemie - International Edition, 2016, 55, 15044-15048. | 7.2 | 58 |
| 46 | Temperatureâ€Controlled Switchable Photochromism in Solid Materials. Angewandte Chemie, 2016, 128, 15268-15272. | 1.6 | 22 |
| 47 | Synthesis of Nanoscale Coordination Polymers in Femtoliter Reactors on Surfaces. ACS Nano, 2016, 10, 3206-3213. | 7.3 | 25 |
| 48 | Thermally Switchable Molecular Upconversion Emission. Chemistry of Materials, 2016, 28, 738-745. | 3.2 | 34 |
| 49 | Covalent Grafting of Coordination Polymers on Surfaces: The Case of Hybrid Valence Tautomeric Interphases. Chemistry - A European Journal, 2015, 21, 10094-10099. | 1.7 | 12 |
| 50 | Liquidâ€Filled Valence Tautomeric Microcapsules: A Solid Material with Solutionâ€Like Behavior. Advanced Functional Materials, 2015, 25, 4129-4134. | 7.8 | 17 |
| 51 | Design and Synthesis of a Noninnocent Multitopic Catechol and Pyridine Mixed Ligand: Nanoscale Polymers and Valence Tautomerism. Inorganic Chemistry, 2015, 54, 6776-6781. | 1.9 | 13 |
| 52 | Dual T<sub>1</sub>/T<sub>2</sub> MRI contrast agent based on hybrid SPION@coordination polymer nanoparticles. RSC Advances, 2015, 5, 86779-86783. | 1.7 | 33 |
| 53 | Bioinspired Catecholâ€Terminated Selfâ€Assembled Monolayers with Enhanced Adhesion Properties. Small, 2014, 10, 1594-1602. | 5.2 | 31 |
| 54 | Coordination Polymer Particles with ligand-centred pH-responses and spin transition. Chemical Communications, 2014, 50, 14570-14572. | 2.2 | 31 |

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| 55 | Improving catalase-based propelled motor endurance by enzyme encapsulation. Nanoscale, 2014, 6, 8907-8913. | 2.8 | 34 |
| 56 | Effect of surfactants on the performance of tubular and spherical micromotors â€“ a comparative study. RSC Advances, 2014, 4, 20334-20340. | 1.7 | 58 |
| 57 | Mussel-Inspired Hydrophobic Coatings for Water-Repellent Textiles and Oil Removal. ACS Applied Materials & Interfaces, 2014, 6, 17616-17625. | 4.0 | 50 |
| 58 | Controlling Spin Transition in One-Dimensional Coordination Polymers through Polymorphism. Inorganic Chemistry, 2014, 53, 8742-8748. | 1.9 | 20 |
| 59 | Hydrophobic coordination polymer nanoparticles and application for oilâ€“water separation. RSC Advances, 2014, 4, 15293-15296. | 1.7 | 36 |
| 60 | Synthesis of polydopamine at the femtoliter scale and confined fabrication of Ag nanoparticles on surfaces. Chemical Communications, 2014, 50, 12548-12551. | 2.2 | 21 |
| 61 | Carboxyl Group (ï£¿CO<sub>2</sub>H) Functionalized Coordination Polymer Nanoparticles as Efficient Platforms for Drug Delivery. Chemistry - A European Journal, 2014, 20, 15443-15450. | 1.7 | 49 |
| 62 | Mn12 single molecule magnets deposited on Î¼-SQUID sensors: the role of interphases and structural modifications. Nanoscale, 2013, 5, 12565. | 2.8 | 19 |
| 63 | Catecholâ€Based Biomimetic Functional Materials. Advanced Materials, 2013, 25, 653-701. | 11.1 | 638 |
| 64 | Surfaceâ€Confined Molecular Coolers for Cryogenics. Advanced Materials, 2013, 25, 2984-2988. | 11.1 | 34 |
| 65 | Versatile Nanostructured Materials via Direct Reaction of Functionalized Catechols. Advanced Materials, 2013, 25, 2066-2070. | 11.1 | 93 |
| 66 | Coordination polymer nanoparticles in medicine. Coordination Chemistry Reviews, 2013, 257, 2839-2847. | 9.5 | 153 |
| 67 | Liquidâ€Filled Capsules as Fast Responsive Photochromic Materials. Advanced Optical Materials, 2013, 1, 631-636. | 3.6 | 26 |
| 68 | Robust spin crossover platforms with synchronized spin switch and polymer phase transition. Scientific Reports, 2013, 3, . | 1.6 | 25 |
| 69 | Encapsulation and Release Mechanisms in Coordination Polymer Nanoparticles. Chemistry - A European Journal, 2013, 19, 17508-17516. | 1.7 | 41 |
| 70 | Self-assembly of alkylcatechols on HOPG investigated by scanning tunneling microscopy and molecular dynamics simulations. CrystEngComm, 2012, 14, 264-271. | 1.3 | 17 |
| 71 | Self-assembly of a catechol-based macrocycle at the liquidâ€“solid interface: experiments and molecular dynamics simulations. Physical Chemistry Chemical Physics, 2012, 14, 11937. | 1.3 | 14 |
| 72 | Controlled Positioning of Nanoparticles on Graphene by Noninvasive AFM Lithography. Langmuir, 2012, 28, 12400-12409. | 1.6 | 13 |

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| 73 | Advances on structuring, integration and magnetic characterization of molecular nanomagnets on surfaces and devices. Chemical Society Reviews, 2012, 41, 258-302. | 18.7 | 135 |
| 74 | Structuration and Integration of Magnetic Nanoparticles on Surfaces and Devices. Small, 2012, 8, 1465-1491. | 5.2 | 35 |
| 75 | Switchable Selfâ€Assembly of a Bioinspired Alkyl Catechol at a Solid/Liquid Interface: Competitive Interfacial, Noncovalent, and Solvent Interactions. Chemistry - A European Journal, 2012, 18, 3056-3063. | 1.7 | 30 |
| 76 | Multiplexed arrays of chemosensors by parallel dip-pen nanolithography. Chemical Communications, 2011, 47, 6864. | 2.2 | 13 |
| 77 | Assisted-assembly of coordination materials into advanced nanoarchitectures by Dip Pen nanolithography. Chemical Communications, 2011, 47, 5175. | 2.2 | 28 |
| 78 | Ultrasensitive Broad Band SQUID Microsusceptometer for Magnetic Measurements at Very Low Temperatures. IEEE Transactions on Applied Superconductivity, 2011, 21, 345-348. | 1.1 | 15 |
| 79 | Alternating current magnetic susceptibility of a molecular magnet submonolayer directly patterned onto a micro superconducting quantum interference device. Applied Physics Letters, 2011, 99, 032504. | 1.5 | 18 |
| 80 | Controlling the Number of Proteins with Dipâ€Pen Nanolithography. Advanced Materials, 2010, 22, 352-355. | 11.1 | 43 |
| 81 | Coexistence of Two Thermally Induced Intramolecular Electron Transfer Processes in a Series of Metal Complexes [M(Catâ€Nâ€BQ)(Catâ€Nâ€SQ)]/[M(Catâ€Nâ€BQ)<sub>2</sub>] (M=Co, Fe, and Ni) bearing Nonâ€innocent Catecholâ€Based Ligands: A Combined Experimental and Theoretical Study. Chemistry - A European Journal, 2010, 16, 6666-6677. | 1.7 | 42 |
| 82 | Nanoscale positioning of inorganic nanoparticles using biological ferritin arrays fabricated by dipâ€pen nanolithography. Scanning, 2010, 32, 35-41. | 0.7 | 18 |
| 83 | Effect of crystalline disorder on quantum tunneling in the single-molecule magnetMn12benzoate. Physical Review B, 2010, 81, . | 1.1 | 17 |
| 84 | Coordination polymer particles as potential drug delivery systems. Chemical Communications, 2010, 46, 4737. | 2.2 | 224 |
| 85 | Metal-Radical Chains Based on Polychlorotriphenylmethyl Radicals: Synthesis, Structure, and Magnetic Properties. Inorganic Chemistry, 2010, 49, 3482-3488. | 1.9 | 10 |
| 86 | Structuration of pH-responsive fluorescent molecules on surfaces by soft lithographic techniques. Nanoscale, 2010, 2, 1781. | 2.8 | 7 |
| 87 | Alignment of magnetic anisotropy axes in crystals of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mn</mml:mtext></mml:mrow><mml:mrow><mml:mn>12</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mn</mml:mtext></mml:mrow><mml:mrow><mml:mn>12</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>molecular nanoma. Physical Review B, 2009, 80, . | 1.1 | 11 |
| 88 | Particle-size dependence of magnetization relaxation inMn12crystals. Physical Review B, 2009, 79, . | 1.1 | 42 |
| 89 | Specific solvent effects on the intramolecular electron transfer reaction in a neutral ferrocene donor polychlorotriphenylmethyl acceptor radical with extended conjugation. Solid State Sciences, 2009, 11, 786-792. | 1.5 | 11 |
| 90 | Solvent effects on valence tautomerism: A comparison between the interconversion in solution and solid state. Solid State Sciences, 2009, 11, 793-800. | 1.5 | 46 |

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| 91 | Metalâ€“Organic Spheres as Functional Systems for Guest Encapsulation. Angewandte Chemie - International Edition, 2009, 48, 2325-2329. | 7.2 | 192 |
| 92 | Morphological Investigation of Mn<sub>12</sub>Single-Molecule Magnets Adsorbed on Au(111). Langmuir, 2009, 25, 10107-10115. | 1.6 | 9 |
| 93 | Acetylcholinesterase as an amyloid enhancing factor in PrP82-146 aggregation process. Molecular and Cellular Neurosciences, 2009, 40, 217-224. | 1.0 | 24 |
| 94 | pHâ€Responsive Fluorescent Nanoarrays Fabricated by Directâ€Write Parallel Dipâ€Pen Nanolithography. Small, 2008, 4, 2131-2135. | 5.2 | 13 |
| 95 | Catechol Derivatives as Fluorescent Chemosensors for Wideâ€Range pH Detection. Chemistry - A European Journal, 2008, 14, 9754-9763. | 1.7 | 26 |
| 96 | Synthesis, Xâ€ray Structure and Reactivity of a Sterically Protected Azobisphenol Ligand: On the Quest for New Multifunctional Active Ligands. European Journal of Inorganic Chemistry, 2008, 2008, 2278-2285. | 1.0 | 10 |
| 97 | Valenceâ€Tautomeric Metalâ€“Organic Nanoparticles. Angewandte Chemie - International Edition, 2008, 47, 1857-1860. | 7.2 | 143 |
| 98 | Valence tautomerism: More actors than just electroactive ligands and metal ions. Comptes Rendus Chimie, 2008, 11, 1137-1154. | 0.2 | 131 |
| 99 | Intramolecular electron transfer in the mixed-valence [Co(3,5-DTBCat)(3,5-DTBSQ)(bpy)] complex: Beyond valence tautomerism. Inorganica Chimica Acta, 2008, 361, 3403-3409. | 1.2 | 16 |
| 100 | Magnetism and magnetic resonance studies of single-molecule magnets in polymer matrices. Inorganica Chimica Acta, 2008, 361, 3714-3717. | 1.2 | 11 |
| 101 | Magnetic behaviour of Mn12 single-molecule magnet nanospheres. Inorganica Chimica Acta, 2008, 361, 3951-3956. | 1.2 | 6 |
| 102 | Single-molecule magnet behaviour in metalâ€“organic nanospheres generated by simple precipitation of Mn12O12 clusters. Chemical Communications, 2008, , 1202. | 2.2 | 20 |
| 103 | A hexacarboxylic open-shell building block: synthesis, structure and magnetism of a three-dimensional metalâ€“radical framework. Journal of Materials Chemistry, 2008, 18, 98-108. | 6.7 | 30 |
| 104 | Surface-Structured Molecular Sensor for the Optical Detection of Acidity. Langmuir, 2008, 24, 2963-2966. | 1.6 | 20 |
| 105 | High-frequency ESR and frequency domain magnetic resonance spectroscopic studies of single molecule magnets in frozen solution. Physical Review B, 2007, 75, . | 1.1 | 23 |
| 106 | Old materials with new tricks: multifunctional open-framework materials. Chemical Society Reviews, 2007, 36, 770. | 18.7 | 1,037 |
| 107 | Advances on the nanostructuration of magnetic molecules on surfaces: the case of single-molecule magnets (SMM). Chemical Communications, 2007, , 3699. | 2.2 | 100 |
| 108 | New insights into the thermal stability of Mn12clusters: The case of complex [Mn12O12(O2CCî€,CH)16(H2O)4]Â·3H2O and its thermolysis derived [Mn3(O2CCî€,CH)6(H2O)4]Â·2H2O complex. Dalton Transactions, 2007, , 2450-2456. | 1.6 | 5 |

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| 109 | Solvent Tuning from Normal to Inverted Marcus Region of Intramolecular Electron Transfer in Ferrocene-Based Organic Radicals. Journal of the American Chemical Society, 2007, 129, 6117-6129. | 6.6 | 87 |
| 110 | First-Row Transition-Metal Complexes Based on a Carboxylate Polychlorotriphenylmethyl Radical:Â Trends in Metalâ^'Radical Exchange Interactions. Inorganic Chemistry, 2007, 46, 1627-1633. | 1.9 | 32 |
| 111 | Structural and Magnetic Modulation of a Purely Organic Open Framework by Selective Guest Inclusion. Chemistry - A European Journal, 2007, 13, 8153-8163. | 1.7 | 41 |
| 112 | Self-assembly of carboxylic substituted PTM radicals: From weak ferromagnetic interactions to robust porous magnets. Polyhedron, 2007, 26, 1934-1948. | 1.0 | 17 |
| 113 | Influence of bridge topology and torsion on the intramolecular electron transfer. Faraday Discussions, 2006, 131, 291-305. | 1.6 | 30 |
| 114 | 2-D Self-assembly of the bis(phthalocyaninato)terbium(iii) single-molecule magnet studied by scanning tunnelling microscopy. Chemical Communications, 2006, , 2866-2868. | 2.2 | 86 |
| 115 | Controlled crystallization of Mn12single-molecule magnets by compressed CO2and its influence on the magnetization relaxation. Journal of Materials Chemistry, 2006, 16, 2612-2617. | 6.7 | 16 |
| 116 | A New Hexaferrocene Complex with a [M3(Î¼3-O)]7+Core. Inorganic Chemistry, 2006, 45, 10443-10445. | 1.9 | 24 |
| 117 | Ordered Patterning of Nanometric Rings of Single Molecule Magnets on Polymers by Lithographic Control of Demixing. Journal of Physical Chemistry B, 2006, 110, 11607-11610. | 1.2 | 55 |
| 118 | Three-Dimensional Six-Connecting Organic Building Blocks Based on Polychlorotriphenylmethyl Unitsâ€"Synthesis, Self-Assembly, and Magnetic Properties. Chemistry - A European Journal, 2006, 12, 9238-9253. | 1.7 | 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. Comptes Rendus Chimie, 2005, 8, 1213-1225. | 0.2 | 18 |
| 121 | Valence Tautomerism: New Challenges for Electroactive Ligands. European Journal of Inorganic Chemistry, 2005, 2005, 2957-2971. | 1.0 | 299 |
| 122 | Magnetic Information Storage on Polymers by Using Patterned Single-Molecule Magnets. Angewandte Chemie - International Edition, 2005, 44, 888-892. | 7.2 | 134 |
| 123 | Magnetic Nanoporous Coordination Polymers. ChemInform, 2005, 36, no. | 0.1 | 0 |
| 124 | Valence Tautomerism: New Challenges for Electroactive Ligands. ChemInform, 2005, 36, no. | 0.1 | 0 |
| 125 | Long-Range Ferromagnetism ofMn12Acetate Single-Molecule Magnets under a Transverse Magnetic Field. Physical Review Letters, 2005, 95, 227202. | 2.9 | 36 |
| 126 | Self-organization of Mn12 single-molecule magnets into ring structures induced by breath-figures as templates. Chemical Communications, 2005, , 5615. | 2.2 | 29 |

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| 127 | An Unusually Stable Trinuclear Manganese(II) Complex Bearing Bulk Carboxylic Radical Ligands. Inorganic Chemistry, 2005, 44, 6936-6938. | 1.9 | 17 |
| 128 | Coexistence of ferro- and antiferromagnetic interactions in a metalâ€“organic radical-based (6,3)-helical network with large channels. Chemical Communications, 2005, , 5035. | 2.2 | 81 |
| 129 | Hydrogen-bonded self-assemblies in a polychlorotriphenylmethyl radical derivative substituted with six meta-carboxylic acid groups. Chemical Communications, 2005, , 4801. | 2.2 | 22 |
| 130 | Trihaloacetic acids: an investigation of steric and inductive ligand effects on the synthesis of [Mn12O12(O2CCX3)16(H2O)4] single-molecule magnets. New Journal of Chemistry, 2005, 29, 499-503. | 1.4 | 11 |
| 131 | Ferrocene triphenylmethyl radical donor-acceptor compounds. Towards development of multifunctional molecular switches. Arkivoc, 2005, 2005, 104-114. | 0.3 | 7 |
| 132 | Magneto-structural defects on a congested nanoscopic polyradical dendrimer. Journal of Physics and Chemistry of Solids, 2004, 65, 737-744. | 1.9 | 4 |
| 133 | A Robust Purely Organic Nanoporous Magnet. Angewandte Chemie - International Edition, 2004, 43, 1828-1832. | 7.2 | 93 |
| 134 | A Molecular Multiproperty Switching Array Based on the Redox Behavior of a Ferrocenyl Polychlorotriphenylmethyl Radical. Angewandte Chemie - International Edition, 2004, 43, 5266-5268. | 7.2 | 133 |
| 135 | Supramolecular Photomagnetic Materials: Photoinduced Dimerization of Ferrocene-Based Polychlorotriphenylmethyl Radicals. Chemistry - A European Journal, 2004, 10, 603-616. | 1.7 | 22 |
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| 139 | Synthesis, X-ray structure and magnetic properties of the quinone cobalt complexes [CoIII(3,5-DTBSQ)(bpy)2]x2 (xâ^'=BF4â^', ClO4â^'). Journal of Physics and Chemistry of Solids, 2004, 65, 831-837. | 1.9 | 17 |
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| 141 | Synthesis, structural and magnetic properties of a series of copper(ii) complexes containing a monocarboxylated perchlorotriphenylmethyl radical as a coordinating open-shell ligand. Dalton Transactions, 2004, , 1073. | 1.6 | 42 |
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| 143 | A Robust Nanocontainer Based on a Pure Organic Free Radical. Journal of the American Chemical Society, 2004, 126, 730-731. | 6.6 | 75 |
| 144 | Magnetism of isolatedMn12single-molecule magnets detected by magnetic circular dichroism: Observation of spin tunneling with a magneto-optical technique. Physical Review B, 2004, 69, . | 1.1 | 36 |

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| 146 | Magnetic nanoporous coordination polymers. Journal of Materials Chemistry, 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. Monatshefte FÃ¼r Chemie, 2003, 134, 265-276. | 0.9 | 20 |
| 148 | Isolated Single-Molecule Magnets on the Surface of a Polymeric Thin Film. Advanced Materials, 2003, 15, 42-45. | 11.1 | 85 |
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| 150 | Nonlinear optical properties of open-shell polychlorotriphenylmethyl radicals. Polyhedron, 2003, 22, 1851-1856. | 1.0 | 20 |
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