

# Matteo Mannini

## List of Publications by Year in descending order

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123  
papers

5,892  
citations

101384

36  
h-index

76769

74  
g-index

131  
all docs

131  
docs citations

131  
times ranked

4999  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | A tetrairon(III) single-molecule magnet and its solvatomorphs: synthesis, crystal structures and vapor-phase processing. <i>Inorganica Chimica Acta</i> , 2022, 531, 120698.   | 1.2  | 1         |
| 2  | Investigation of a Tetrathiafulvalene-Based Fe <sup>2+</sup> Thermal Spin Crossover Assembled on Gold Surface. <i>Magnetochemistry</i> , 2022, 8, 14.  | 1.0  | 3         |
| 3  | XAS and XMCD Reveal a Cobalt(II) Imide Undergoes High-Pressure-Induced Spin Crossover. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5784-5792.  | 1.5  | 4         |
| 4  | Magnetic molecules as local sensors of topological hysteresis of superconductors. <i>Nature Communications</i> , 2022, 13, .   | 5.8  | 8         |
| 5  | A TbPc <sub>2</sub> sub-monolayer deposit on a titanium dioxide ultrathin film: magnetic, morphological, and chemical insights. <i>Journal of Materials Chemistry C</i> , 2021, 9, 15011-15017.                            | 2.7  | 9         |
| 6  | Quasi-Hexagonal to Lepidocrocite-like Transition in TiO <sub>2</sub> Ultrathin Films on Cu(001). <i>Journal of Physical Chemistry C</i> , 2021, 125, 10621-10630.  | 1.5  | 4         |
| 7  | Stabilization of an Enantiopure Submonolayer of Helicene Radical Cations on a Au(111) Surface through Noncovalent Interactions. <i>Angewandte Chemie</i> , 2021, 133, 15404-15408.   | 1.6  | 1         |
| 8  | Stabilization of an Enantiopure Submonolayer of Helicene Radical Cations on a Au(111) Surface through Noncovalent Interactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15276-15280.                  | 7.2  | 11        |
| 9  | Substrate mediated interaction of terbium( <sup>iii</sup> ) double-deckers with the TiO <sub>2</sub> (110) surface. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 12060-12067.                                    | 1.3  | 4         |
| 10 | Single-chain magnet behavior in a finite linear hexanuclear molecule. <i>Chemical Science</i> , 2021, 12, 10613-10621.   | 3.7  | 7         |
| 11 | Chemisorption of nitronylnitroxide radicals on gold surface: an assessment of morphology, exchange interaction and decoherence time. <i>Nanoscale</i> , 2021, 13, 7613-7621.   | 2.8  | 8         |
| 12 | Engineering Chemisorption of Fe <sub>4</sub> Single-Molecule Magnets on Gold. <i>Advanced Materials Interfaces</i> , 2021, 8, 2101182.   | 1.9  | 7         |
| 13 | Chiral Supramolecular Nanotubes of Single-Chain Magnets. <i>Angewandte Chemie</i> , 2020, 132, 790-794.  | 1.6  | 7         |
| 14 | Chiral Supramolecular Nanotubes of Single-Chain Magnets. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 780-784.   | 7.2  | 36        |
| 15 | Co( <sup>ii</sup> )-Based single-ion magnets with 1,1'-ferrocenediyl-bis(diphenylphosphine) metalloligands. <i>Dalton Transactions</i> , 2020, 49, 11697-11707.  | 1.6  | 11        |
| 16 | Enhancement of the Magnetic Coupling in Exfoliated CrCl <sub>3</sub> Crystals Observed by Low-Temperature Magnetic Force Microscopy and X-ray Magnetic Circular Dichroism. <i>Advanced Materials</i> , 2020, 32, e2000566. | 11.1 | 26        |
| 17 | Sonocrystallization as an Efficient Way to Control the Size, Morphology, and Purity of Coordination Compound Microcrystallites: Application to a Single-Chain Magnet. <i>Inorganic Chemistry</i> , 2020, 59, 9215-9226.    | 1.9  | 11        |
| 18 | Space Charge-Limited Current Transport Mechanism in Crossbar Junction Embedding Molecular Spin Crossovers. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 31696-31705.  | 4.0  | 15        |

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|----|--|------|-----------|
| 19 | Synchrotron-based Mössbauer spectroscopy characterization of sublimated spin crossover molecules. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 6626-6637.  | 1.3  | 5         |
| 20 | Quantum dynamics of a single molecule magnet on superconducting Pb(111). <i>Nature Materials</i> , 2020, 19, 546-551.  | 13.3 | 62        |
| 21 | A new solvothermal approach to obtain nanoparticles in the Cu <sub>3</sub> SnS <sub>4</sub> -Cu <sub>2</sub> FeSnS <sub>4</sub> join. <i>Journal of Geosciences (Czech Republic)</i> , 2020, , 3-14.         | 0.3  | 4         |
| 22 | Surface effects on a photochromic spin-crossover iron(ii) molecular switch adsorbed on highly oriented pyrolytic graphite. <i>Nanoscale</i> , 2019, 11, 20006-20014.   | 2.8  | 20        |
| 23 | Green and scalable synthesis of nanocrystalline kramite. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2073-2083.   | 1.5  | 0         |
| 24 | Vanadyl phthalocyanines on graphene/SiC(0001): toward a hybrid architecture for molecular spin qubits. <i>Nanoscale Horizons</i> , 2019, 4, 1202-1210.   | 4.1  | 32        |
| 25 | Plasmon-enhanced magneto-optical detection of single-molecule magnets. <i>Materials Horizons</i> , 2019, 6, 1148-1155.   | 6.4  | 16        |
| 26 | Self-assembly of a terbium(III) 1D coordination polymer on mica. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2440-2448.   | 1.5  | 3         |
| 27 | Improved functional performances of traditional artistic pottery by sol-gel nanoparticles deposition. <i>Materials Research Express</i> , 2019, 6, 025032.   | 0.8  | 0         |
| 28 | Sustainable synthesis of quaternary sulphides: The problem of the uptake of zinc in CZTS. <i>Journal of Alloys and Compounds</i> , 2019, 775, 1221-1229.   | 2.8  | 6         |
| 29 | Propeller-shaped Fe <sub>4</sub> and Fe <sub>3</sub> M Molecular Nanomagnets: A Journey from Crystals to Addressable Single Molecules. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 552-568. | 1.0  | 25        |
| 30 | Enhanced hydrogen photogeneration by bulk g-C <sub>3</sub> N <sub>4</sub> through a simple and efficient oxidation route. <i>Dalton Transactions</i> , 2018, 47, 6772-6778.                                  | 1.6  | 18        |
| 31 | Mössbauer spectroscopy of a monolayer of single molecule magnets. <i>Nature Communications</i> , 2018, 9, 480.   | 5.8  | 37        |
| 32 | Room temperature amine sensors enabled by sidewall functionalization of single-walled carbon nanotubes. <i>RSC Advances</i> , 2018, 8, 5578-5585.  | 1.7  | 30        |
| 33 | Magnetic bistability of a TbPc <sub>2</sub> submonolayer on a graphene/SiC(0001) conductive electrode. <i>Nanoscale</i> , 2018, 10, 2715-2720.   | 2.8  | 32        |
| 34 | Room temperature control of spin states in a thin film of a photochromic iron(II) complex. <i>Materials Horizons</i> , 2018, 5, 506-513.   | 6.4  | 43        |
| 35 | Chemical tailoring of Single Molecule Magnet behavior in films of Dy(III) dimers. <i>Applied Surface Science</i> , 2018, 432, 7-14.  | 3.1  | 18        |
| 36 | Self-Assembly of TbPc <sub>2</sub> Single-Molecule Magnets on Surface through Multiple Hydrogen Bonding. <i>Small</i> , 2018, 14, 1702572.   | 5.2  | 17        |

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|----|--|------|-----------|
| 37 | Tunable Spin-Dependent Superconductor Coupling of Spin 1/2 Vanadyl Phthalocyanine Molecules. <i>Nano Letters</i> , 2018, 18, 7955-7961.  | 4.5  | 72        |
| 38 | Thermal and light-induced spin transition in a nanometric film of a new high-vacuum processable spin crossover complex. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8885-8889.                                | 2.7  | 31        |
| 39 | Nitronyl nitroxide radicals at the interface: a hybrid architecture for spintronics. <i>Rendiconti Lincei</i> , 2018, 29, 623-630.   | 1.0  | 14        |
| 40 | Spin fluctuations in the light-induced high-spin state of cobalt valence tautomers. <i>Physical Review B</i> , 2018, 98, .   | 1.1  | 1         |
| 41 | Isotope effects on the spin dynamics of single-molecule magnets probed using muon spin spectroscopy. <i>Chemical Communications</i> , 2018, 54, 7826-7829.   | 2.2  | 15        |
| 42 | Ultralow-temperature device dedicated to soft X-ray magnetic circular dichroism experiments. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1727-1735.  | 1.0  | 14        |
| 43 | Temperature and pH sensors based on graphenic materials. <i>Biosensors and Bioelectronics</i> , 2017, 91, 870-877.   | 5.3  | 83        |
| 44 | Proof of Principle: Immobilisation of Robust Cu <sup>II</sup> -Tb <sup>III</sup> -Macrocycles on Small, Suitably Pre-functionalised Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2017, 23, 2480-2480. | 1.7  | 0         |
| 45 | Formation of TbPc <sub>2</sub> Single-Molecule Magnets™ Covalent 1D Structures via Acyclic Diene Metathesis. <i>ACS Omega</i> , 2017, 2, 517-521.  | 1.6  | 4         |
| 46 | Low-Temperature Magnetic Force Microscopy on Single Molecule Magnet-Based Microarrays. <i>Nano Letters</i> , 2017, 17, 1899-1905.  | 4.5  | 28        |
| 47 | Tuning of a Vertical Spin Valve with a Monolayer of Single Molecule Magnets. <i>Advanced Functional Materials</i> , 2017, 27, 1703600.   | 7.8  | 34        |
| 48 | Volatile Organic Compounds sensing properties of TbPc <sub>2</sub> thin films: Towards a plasmon-enhanced opto-chemical sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 266-274.                       | 4.0  | 10        |
| 49 | Proof of Principle: Immobilisation of Robust Cu <sup>II</sup> -Tb <sup>III</sup> -Macrocycles on Small, Suitably Pre-functionalised Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2017, 23, 2517-2521. | 1.7  | 14        |
| 50 | Molecular Order in Buried Layers of TbPc <sub>2</sub> Single-Molecule Magnets Detected by Torque Magnetometry. <i>Advanced Materials</i> , 2016, 28, 6946-6951.  | 11.1 | 22        |
| 51 | Robust Magnetic Properties of a Sublimable Single-Molecule Magnet. <i>ACS Nano</i> , 2016, 10, 5663-5669.  | 7.3  | 46        |
| 52 | The Challenge of Thermal Deposition of Coordination Compounds: Insight into the Case of an Fe <sub>4</sub> Single Molecule Magnet. <i>Chemistry of Materials</i> , 2016, 28, 7693-7702.                              | 3.2  | 13        |
| 53 | An Organic Spin Valve Embedding a Self-Assembled Monolayer of Organic Radicals. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500855.   | 1.9  | 32        |
| 54 | Quantum coherence in a processable vanadyl complex: new tools for the search of molecular spin qubits. <i>Chemical Science</i> , 2016, 7, 2074-2083.   | 3.7  | 144       |

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|----|---|-----|-----------|
| 55 | A capacitive probe for Electron Spin Resonance detection. <i>Journal of Magnetic Resonance</i> , 2016, 263, 116-121.  | 1.2 | 0         |
| 56 | Metal-Organic Chemical Vapor Deposition (MOCVD) Synthesis of Heteroepitaxial Pr <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> Films: Effects of Processing Conditions on Structural/Morphological and Functional Properties. <i>ChemistryOpen</i> , 2015, 4, 523-532. | 0.9 | 10        |
| 57 | Iodinated Bis(phthalocyaninato)terbium(III) Complexes: Versatile Platforms for Functionalization of Single-Molecule Magnets through Sonogashira Reaction. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7036-7042.   | 1.2 | 11        |
| 58 | Magnetic fingerprint of individual Fe <sub>4</sub> molecular magnets under compression by a scanning tunnelling microscope. <i>Nature Communications</i> , 2015, 6, 8216.   | 5.8 | 56        |
| 59 | Thermal and optical control of electronic states in a single layer of switchable paramagnetic molecules. <i>Chemical Science</i> , 2015, 6, 2268-2274.  | 3.7 | 46        |
| 60 | Palladium-nanoparticles on end-functionalized poly(lactic acid)-based stereocomplexes for the chemoselective cinnamaldehyde hydrogenation: Effect of the end-group. <i>Journal of Catalysis</i> , 2015, 330, 187-196.   | 3.1 | 27        |
| 61 | Urea vs. carbamate groups: a comparative study in a chiral C <sub>2</sub> -symmetric organogelator. <i>Soft Matter</i> , 2015, 11, 8333-8341.   | 1.2 | 10        |
| 62 | Magnetic Bistability in a Submonolayer of Sublimated Fe <sub>4</sub> Single-Molecule Magnets. <i>Nano Letters</i> , 2015, 15, 535-541.  | 4.5 | 63        |
| 63 | Strong magneto-chiral dichroism in a paramagnetic molecular helix observed by hard X-rays. <i>Nature Physics</i> , 2015, 11, 69-74.   | 6.5 | 187       |
| 64 | Design, development and characterization of a nanomagnetic system based on iron oxide nanoparticles encapsulated in PLLA-nanospheres. <i>European Polymer Journal</i> , 2015, 62, 145-154.  | 2.6 | 12        |
| 65 | UHV deposition and characterization of a mononuclear iron(III) $\beta$ -diketonate complex on Au(111). <i>Beilstein Journal of Nanotechnology</i> , 2014, 5, 2139-2148.   | 1.5 | 8         |
| 66 | Valence electronic structure of sublimated Fe <sub>4</sub> single-molecule magnets: an experimental and theoretical characterization. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9599-9608.   | 2.7 | 25        |
| 67 | Electron-paramagnetic resonance detection with software time locking. <i>Review of Scientific Instruments</i> , 2014, 85, 024703.   | 0.6 | 1         |
| 68 | Grafting Single Molecule Magnets on Gold Nanoparticles. <i>Small</i> , 2014, 10, 323-329.   | 5.2 | 31        |
| 69 | Core-Hole Screening, Electronic Structure, and Paramagnetic Character in Thin Films of Organic Radicals Deposited on SiO <sub>2</sub> /Si(111). <i>Journal of Physical Chemistry C</i> , 2014, 118, 8044-8049.  | 1.5 | 15        |
| 70 | Single-Molecule Magnets on Surfaces. <i>Structure and Bonding</i> , 2014, , 293-330.  | 1.0 | 18        |
| 71 | Tetrairon(III) Single-Molecule Magnet Monolayers on Gold: Insights from ToF-SIMS and Isotopic Labeling. <i>Langmuir</i> , 2014, 30, 8645-8649.  | 1.6 | 21        |
| 72 | Magnetic behaviour of TbPc <sub>2</sub> single-molecule magnets chemically grafted on silicon surface. <i>Nature Communications</i> , 2014, 5, 4582.  | 5.8 | 115       |

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|----|---|------|-----------|
| 73 | A Combined Ion Scattering, Photoemission, and DFT Investigation on the Termination Layer of a $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ Spin Injecting Electrode. <i>Journal of Physical Chemistry C</i> , 2014, 118, 13631-13637. | 1.5  | 23        |
| 74 | Chiral/ring closed vs. achiral/open chain triazine-based organogelators: induction and amplification of supramolecular chirality in organic gels. <i>Soft Matter</i> , 2014, 10, 3762.  | 1.2  | 6         |
| 75 | Magnetic and Spectroscopic Investigation of Thermally and Optically Driven Valence Tautomerism in Thioether-Bridged Dinuclear Cobalt-Dioxolene Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 11798-11805.                         | 1.9  | 55        |
| 76 | Magnetism of $\text{TbPc}_2$ SMMs on ferromagnetic electrodes used in organic spintronics. <i>Chemical Communications</i> , 2013, 49, 11506.  | 2.2  | 53        |
| 77 | On-Surface Magnetometry: The Evaluation of Superexchange Coupling Constants in Surface-Wired Single-Molecule Magnets. <i>Chemistry - A European Journal</i> , 2013, 19, 16902-16905.  | 1.7  | 18        |
| 78 | A new approach to the synthesis of heteronuclear propeller-like single molecule magnets. <i>Dalton Transactions</i> , 2013, 42, 4416.   | 1.6  | 30        |
| 79 | Radical-Functionalised Gel: A Building-Block Strategy for Magnetochiral Assembly. <i>ChemPlusChem</i> , 2013, 78, 149-156.  | 1.3  | 6         |
| 80 | Erratic magnetic hysteresis of $\text{TbPc}_2$ molecular nanomagnets. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2935.  | 2.7  | 66        |
| 81 | Enhanced Vapor-Phase Processing in Fluorinated $\text{Fe}_4$ Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2013, 52, 5897-5905.   | 1.9  | 28        |
| 82 | Temperature- and Light-Induced Spin Crossover Observed by X-ray Spectroscopy on Isolated Fe(II) Complexes on Gold. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1546-1552.   | 2.1  | 144       |
| 83 | Nanoscale Assembly of Paramagnetic Organic Radicals on Au(111) Single Crystals. <i>Chemistry - A European Journal</i> , 2013, 19, 3445-3450.  | 1.7  | 36        |
| 84 | A slow relaxing species for molecular spin devices: EPR characterization of static and dynamic magnetic properties of a nitronyl nitroxide radical. <i>Journal of Materials Chemistry</i> , 2012, 22, 22272.                          | 6.7  | 20        |
| 85 | Depth-Dependent Spin Dynamics in Thin Films of $\text{TbPc}_2$ Nanomagnets Explored by Low-Energy Implanted Muons. <i>ACS Nano</i> , 2012, 6, 8390-8396.  | 7.3  | 38        |
| 86 | Giant field dependence of the low temperature relaxation of the magnetization in a dysprosium(iii)-DOTA complex. <i>Chemical Communications</i> , 2011, 47, 3751.   | 2.2  | 204       |
| 87 | Soft matter nanocomposites by grafting a versatile organogelator to carbon nanostructures. <i>Soft Matter</i> , 2011, 7, 10660.   | 1.2  | 11        |
| 88 | One-step covalent grafting of $\text{Fe}_4$ single-molecule magnet monolayers on gold. <i>Chemical Communications</i> , 2011, 47, 1467-1469.  | 2.2  | 38        |
| 89 | Chemical strategies and characterization tools for the organization of single molecule magnets on surfaces. <i>Chemical Society Reviews</i> , 2011, 40, 3076.   | 18.7 | 247       |
| 90 | Spin Structure of Surface-Supported Single-Molecule Magnets from Isomorphous Replacement and X-ray Magnetic Circular Dichroism. <i>Inorganic Chemistry</i> , 2011, 50, 2911-2917.   | 1.9  | 47        |

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|-----|---|------|-----------|
| 91  | Chirality driven self-assembly in a fluorescent organogel. <i>Chirality</i> , 2011, 23, 833-840.  | 1.3  | 13        |
| 92  | X-Ray Detected Magnetic Hysteresis of Thermally Evaporated Terbium Double-Decker Oriented Films. <i>Advanced Materials</i> , 2010, 22, 5488-5493.   | 11.1 | 122       |
| 93  | Soft-X-ray-Induced Redox Isomerism in a Cobalt Dioxolene Complex. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1954-1957.   | 7.2  | 89        |
| 94  | Quantum tunnelling of the magnetization in a monolayer of oriented single-molecule magnets. <i>Nature</i> , 2010, 468, 417-421.   | 13.7 | 574       |
| 95  | XAS and XMCD of Single Molecule Magnets. <i>Springer Proceedings in Physics</i> , 2010, , 279-311.  | 0.1  | 11        |
| 96  | Deposition of intact tetrairon(iii) single molecule magnet monolayers on gold: an STM, XPS, and ToF-SIMS investigation. <i>Journal of Materials Chemistry</i> , 2010, 20, 187-194.          | 6.7  | 35        |
| 97  | Self-sorting chiral organogels from a long chain carbamate of 1-benzyl-pyrrolidine-3,4-diol. <i>Soft Matter</i> , 2010, 6, 1655.  | 1.2  | 40        |
| 98  | Towards the detection of single polychlorotriphenylmethyl radical derivatives by means of Electron Spin Noise STM. <i>Solid State Sciences</i> , 2009, 11, 956-960.                         | 1.5  | 25        |
| 99  | X-Ray Magnetic Circular Dichroism Picks out Single-Molecule Magnets Suitable for Nanodevices. <i>Advanced Materials</i> , 2009, 21, 167-171.  | 11.1 | 83        |
| 100 | Magnetic Materials: X-Ray Magnetic Circular Dichroism Picks out Single-Molecule Magnets Suitable for Nanodevices ( <i>Adv. Mater.</i> 2/2009). <i>Advanced Materials</i> , 2009, 21, NA-NA. | 11.1 | 0         |
| 101 | X-ray Absorption Spectroscopy as a Probe of Photo- and Thermally Induced Valence Tautomeric Transition in a 1:1 Cobalt-Dioxolene Complex. <i>ChemPhysChem</i> , 2009, 10, 2090-2095.        | 1.0  | 21        |
| 102 | Thermal Deposition of Intact Tetrairon(III) Single-Molecule Magnets in High-Vacuum Conditions. <i>Small</i> , 2009, 5, 1460-1466.   | 5.2  | 58        |
| 103 | Magnetic memory of a single-molecule quantum magnet wired to a gold surface. <i>Nature Materials</i> , 2009, 8, 194-197.  | 13.3 | 999       |
| 104 | XMCD of a single layer of single molecule magnets. <i>European Physical Journal: Special Topics</i> , 2009, 169, 167-173.   | 1.2  | 7         |
| 105 | Ordering Magnetic Molecules within Nanoporous Crystalline Polymers. <i>Chemistry of Materials</i> , 2009, 21, 4750-4752.  | 3.2  | 69        |
| 106 | Organizing and Addressing Magnetic Molecules. <i>Inorganic Chemistry</i> , 2009, 48, 3408-3419.   | 1.9  | 122       |
| 107 | Towards a general organogelator: combining a versatile scaffold and an efficient linking process. <i>Soft Matter</i> , 2009, 5, 1863.   | 1.2  | 25        |
| 108 | XAS and XMCD Investigation of Mn Monolayers on Gold. <i>Chemistry - A European Journal</i> , 2008, 14, 7530-7535.   | 1.7  | 122       |

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|-----|--|------|-----------|
| 109 | Patterned monolayers of nitronyl nitroxide radicals. <i>Inorganica Chimica Acta</i> , 2008, 361, 3525-3528.  | 1.2  | 16        |
| 110 | Insertion of a functionalised single molecule magnet into preformed self-assembled monolayers. <i>Inorganica Chimica Acta</i> , 2008, 361, 3944-3950.                              | 1.2  | 3         |
| 111 | Addressing single molecules of a thin magnetic film. <i>Inorganica Chimica Acta</i> , 2008, 361, 4089-4093.  | 1.2  | 12        |
| 112 | Molecular magnetism, status and perspectives. <i>Solid State Sciences</i> , 2008, 10, 1701-1709.   | 1.5  | 75        |
| 113 | Spin noise fluctuations from paramagnetic molecular adsorbates on surfaces. <i>Journal of Applied Physics</i> , 2007, 101, 053916.   | 1.1  | 48        |
| 114 | Self-Assembled Organic Radicals on Au(111) Surfaces: A Combined ToF-SIMS, STM, and ESR Study. <i>Langmuir</i> , 2007, 23, 2389-2397.   | 1.6  | 73        |
| 115 | Solvent Effects on the Adsorption and Self-Organization of Mn12 on Au(111). <i>Langmuir</i> , 2007, 23, 11836-11843.   | 1.6  | 34        |
| 116 | Magneto-Optical Investigations of Nanostructured Materials Based on Single-Molecule Magnets Monitor Strong Environmental Effects. <i>Advanced Materials</i> , 2007, 19, 3906-3911. | 11.1 | 78        |
| 117 | Addressing individual paramagnetic molecules through ESN-STM. <i>Inorganica Chimica Acta</i> , 2007, 360, 3837-3842.   | 1.2  | 28        |
| 118 | Isolated single-molecule magnets on native gold. <i>Chemical Communications</i> , 2005, , 1640.  | 2.2  | 86        |
| 119 | Advances in Single-Molecule Magnet Surface Patterning through Microcontact Printing. <i>Nano Letters</i> , 2005, 5, 1435-1438.   | 4.5  | 72        |
| 120 | Immobilization of a fluorescent dye in Langmuir-Blodgett films. <i>Bioelectrochemistry</i> , 2004, 63, 9-12.   | 2.4  | 4         |
| 121 | Spectroscopic properties of Langmuir-Blodgett films containing a potential-sensitive dye. <i>Materials Science and Engineering C</i> , 2003, 23, 897-902.                          | 3.8  | 4         |
| 122 | Patterning molecular scale paramagnets at au surfaces: a root to magneto-molecular-electronics. , 0, , ,   |      | 0         |
| 123 | Preparation of Novel Materials Using SMMs. , 0, , 133-161.   |      | 77        |