Mario Ruben

List of Publications by Year
in descending order

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283 papers	18,768 citations	12303 69 h-index	15218 126 g-index
303 all docs	303 docs citations	303 times ranked	12921 citing authors

#	Article	IF	Citations
1	Introduction of plumbole to f-element chemistry. Chemical Science, 2022, 13, 945-954.	3.7	21
2	Cover Feature: Structural Insights into Hysteretic Spinâ€Crossover in a Set of Journal, 2022, 28, .	1.7	1
3	Structural Insights into Hysteretic Spinâ€Crossover in a Set of	1.7	15
4	Visualization of structural changes and degradation of porphyrin-based battery electrodes. Journal of Power Sources, 2022, 522, 231002.	4.0	8
5	Ultra-narrow optical linewidths in rare-earth molecular crystals. Nature, 2022, 603, 241-246.	13.7	54
6	Spin-Crossover in Supramolecular Iron(II)â€“2,6-bis(1H-Pyrazol-1-yl)pyridine Complexes: Toward Spin-State Switchable Single-Molecule Junctions. ACS Omega, 2022, 7, 13654-13666.	1.6	6
7	A Tetranuclear Dysprosium Schiff Base Complex Showing Slow Relaxation of Magnetization. Inorganics, 2022, 10, 66.	1.2	6
8	Investigations on the Spin States of Two Mononuclear Iron(II) Complexes Based on N-Donor Tridentate Schiff Base Ligands Derived from Pyridine-2,6-Dicarboxaldehyde. Inorganics, 2022, 10, 98.	1.2	1
9	Sublimierbare Spinâ€Crossoverâ€Komplexe: Vom Schalten des Spinzustands zu molekularen Bauelementen. Angewandte Chemie, 2021, 133, 7578-7598.	1.6	16
10	Sublimable Spinâ€Crossover Complexes: From Spinâ€State Switching to Molecular Devices. Angewandte Chemie - International Edition, 2021, 60, 7502-7521.	7.2	167
11	Molecular Devices. , 2021, , 206-240.		2
12	Heteroleptic, polynuclear dysprosium(<scp>iii</scp>)-carbamato complexes through in situ carbon dioxide capture. Dalton Transactions, 2021, 50, 4735-4742.	1.6	2
13	A Selfâ€Conditioned Metalloporphyrin as a Highly Stable Cathode for Fast Rechargeable Magnesium Batteries. ChemSusChem, 2021, 14, 1840-1846.	3.6	17
14	Ditopic Hexadentate Ligands with a Central Dihydrobenzoâ€diimidazole Unit Forming a [2x2] Zn 4 Grid Complex. European Journal of Organic Chemistry, 2021, 2021, 2301-2310.	1.2	2
15	Optical spin-state polarization in a binuclear europium complex towards molecule-based coherent light-spin interfaces. Nature Communications, 2021, 12, 2152.	5.8	21
16	Thermal- and Light-Induced Spin-Crossover Characteristics of a Functional Iron(II) Complex at Submonolayer Coverage on HOPG. Journal of Physical Chemistry C, 2021, 125, 13925-13932.	1.5	9
17	Increasing the Hilbert space dimension using a single coupled molecular spin. Nature Communications, 2021, 12, 4443.	5.8	16
18	Chiral Resolution of Spinâ€Crossover Active Iron(II) [2x2] Grid Complexes. Chemistry - A European Journal, 2021, 27, 15171-15179.	1.7	6

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19	Sizeâ€Controlled Hapticity Switching in [Ln(C₉H₉)(C₈H₈)] Sandwiches. Chemistry - A European Journal, 2021, 27, 13558-13567.	1.7	6
20	Indirect Spin-Readout of Rare-Earth-Based Single-Molecule Magnet with Scanning Tunneling Microscopy. Physical Review Letters, 2021, 127, 123201.	2.9	6
21	Ni^{II}₃₆â€Containing 54â€Tungstoâ€6â€Silicate: Synthesis, Structure, Magnetic and Electrochemical Studies. Chemistry - A European Journal, 2021, 27, 15081-15085.	1.7	12
22	Rotation in an Enantiospecific Selfâ€Assembled Array of Molecular Raffle Wheels. Angewandte Chemie - International Edition, 2021, 60, 26932-26938.	7.2	5
23	Terminal Ligand and Packing Effects on Slow Relaxation in an Isostructural Set of [Dy(H₂dapp)X₂]⁺ Single Molecule Magnets**. Chemistry - A European Journal, 2021, 27, 15086-15095.	1.7	6
24	Room-temperature spin nutations in a magnetically condensed phase of [Y(pc)2]Ë™. Chemical Communications, 2021, 57, 11505-11508.	2.2	1
25	Frontispiece: Terminal Ligand and Packing Effects on Slow Relaxation in an Isostructural Set of [Dy(H₂dapp)X₂]⁺ Single Molecule Magnets. Chemistry - A European Journal, 2021, 27, .	1.7	0
26	Stereochemistry of coordination polyhedra vs. single ion magnetism in penta- and hexacoordinated Co(<scp>ii</scp>) complexes with tridentate rigid ligands. Dalton Transactions, 2020, 49, 1249-1264.	1.6	22
27	Bi-stable spin-crossover in charge-neutral [Fe(R-ptp)₂] (ptp =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 Td (2-(1 1022-1031.	1.6	16
28	Light-induced spin transition in the spin-crossover complex FePt2 detected by optical pump -coherent resonant nuclear elastic scattering. Hyperfine Interactions, 2020, 241, 1.	0.2	1
29	Pressure-Modulated Broadband Emission in 2D Layered Hybrid Perovskite-Like Bromoplumbate. Inorganic Chemistry, 2020, 59, 12431-12436.	1.9	9
30	Bistable spin-crossover in a new series of [Fe(BPP-R)₂]²⁺ (BPP =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	1.6	10
31	Iron in a Cage: Fixation of a Fe(II)tpy₂ Complex by Fourfold Interlinking. Angewandte Chemie - International Edition, 2020, 59, 15947-15952.	7.2	16
32	Iron in a Cage: Fixation of a Fe(II)tpy 2 Complex by Fourfold Interlinking. Angewandte Chemie, 2020, 132, 16081-16086.	1.6	4
33	Conductive Metalâ€“Organic Framework Thin Film Hybrids by Electropolymerization of Monosubstituted Acetylenes. ACS Applied Materials & Interfaces, 2020, 12, 30972-30979.	4.0	13
34	Spin-crossover in iron(II)-phenylene ethynylene-2,6-di(pyrazol-1-yl) pyridine hybrids: toward switchable molecular wire-like architectures. Journal of Physics Condensed Matter, 2020, 32, 204002.	0.7	2
35	Copper Porphyrin as a Stable Cathode for Highâ€Performance Rechargeable Potassium Organic Batteries. ChemSusChem, 2020, 13, 2286-2294.	3.6	54
36	Heteronuclear Iron(III)â€“Schiff Base Complexes with the Hexacyanidocobaltate(III) Anion: On the Quest To Understand the Governing Factors of Spin Crossover. Inorganic Chemistry, 2020, 59, 2747-2757.	1.9	10

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37	Spin-crossover in iron(<scp>ii</scp>)-Schiff base complexes. Dalton Transactions, 2019, 48, 15321-15337.	1.6	59
38	Quantum Tunneling Mediated Interfacial Synthesis of a Benzofuran Derivative. Angewandte Chemie, 2019, 131, 11407-11412.	1.6	0
39	Synthesis, structures and magnetic properties of [(Î·9-C9H9)Ln(Î·8-C8H8)] super sandwich complexes. Nature Communications, 2019, 10, 3135.	5.8	74
40	A Lithiumâ€Free Energyâ€Storage Device Based on an Alkyneâ€Substitutedâ€Porphyrin Complex. ChemSusChem, 2019, 12, 3737-3741.	3.6	24
41	Understanding the Superior Stability of Singleâ€Molecule Magnets on an Oxide Film. Advanced Science, 2019, 6, 1901736.	5.6	36
42	Onâ€Surface Activation of Trimethylsilylâ€Terminated Alkynes on Coinage Metal Surfaces. ChemPhysChem, 2019, 20, 2382-2393.	1.0	10
43	Direct Conversion of CO₂ to Multiâ€Layer Graphene using Cuâ€“Pd Alloys. ChemSusChem, 2019, 12, 3509-3514.	3.6	28
44	Surfaceâ€Dependent Chemoselectivity in Câˆ’C Coupling Reactions. Angewandte Chemie, 2019, 131, 8444-8449.	1.6	0
45	Quantum Tunneling Mediated Interfacial Synthesis of a Benzofuran Derivative. Angewandte Chemie - International Edition, 2019, 58, 11285-11290.	7.2	3
46	Surfaceâ€Dependent Chemoselectivity in Câˆ’C Coupling Reactions. Angewandte Chemie - International Edition, 2019, 58, 8356-8361.	7.2	7
47	Microwave-assisted reversal of a single electron spin. Journal of Applied Physics, 2019, 125, 142801.	1.1	9
48	Quantum tunnelling of the magnetisation in single-molecule magnet isotopologue dimers. Chemical Science, 2019, 10, 5138-5145.	3.7	52
49	Synthesizing Highly Regular Single-Layer Alkynylâ€“Silver Networks at the Micrometer Scale via Gas-Mediated Surface Reaction. Journal of the American Chemical Society, 2019, 141, 5087-5091.	6.6	30
50	Polynuclear Iron(II) Complexes with 2,6-Bis(pyrazol-1-yl)pyridine-anthracene Ligands Exhibiting Highly Distorted High-Spin Centers. Inorganic Chemistry, 2019, 58, 4310-4319.	1.9	22
51	Monitoring the Electrochemical Energy Storage Processes of an Organic Full Rechargeable Battery via Operando Raman Spectroscopy: A Mechanistic Study. Chemistry of Materials, 2019, 31, 3239-3247.	3.2	39
52	Synthetic Hilbert Space Engineering of Molecular Qudits: Isotopologue Chemistry. Advanced Materials, 2019, 31, e1806687.	11.1	41
53	New Organic Electrode Materials for Ultrafast Electrochemical Energy Storage. Advanced Materials, 2019, 31, e1806599.	11.1	64
54	Bi-stable spin-crossover characteristics of a highly distorted [Fe(1-BPP-COOC₂H₅)₂](ClO₄)₂Â·CH₃CN complex. Dalton Transactions, 2019, 48, 3825-3830.	1.6	27

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55	Screening the 4f-electron spin of TbPc₂ single-molecule magnets on metal substrates by ligand channeling. Nanoscale, 2019, 11, 21167-21179.	2.8	17
56	Opposite Surface and Bulk Solvatochromic Effects in a Molecular Spin-Crossover Compound Revealed by Ambient Pressure X-ray Absorption Spectroscopy. Langmuir, 2018, 34, 3604-3609.	1.6	9
57	Spin-state dependent conductance switching in single molecule-graphene junctions. Nanoscale, 2018, 10, 7905-7911.	2.8	46
58	Functionalized Graphdiyne Nanowires: Onâ€Surface Synthesis and Assessment of Band Structure, Flexibility, and Information Storage Potential. Small, 2018, 14, e1704321.	5.2	38
59	Engineering Onâ€Surface Spin Crossover: Spinâ€State Switching in a Selfâ€Assembled Film of Vacuumâ€Sublimable Functional Molecule. Advanced Materials, 2018, 30, 1705416.	11.1	54
60	Complex supramolecular interfacial tessellation through convergent multi-step reaction of a dissymmetric simple organic precursor. Nature Chemistry, 2018, 10, 296-304.	6.6	68
61	Molecular spin qudits for quantum algorithms. Chemical Society Reviews, 2018, 47, 501-513.	18.7	254
62	A spin crossover (SCO) active graphene-iron(<scp>ii</scp>) complex hybrid material. Dalton Transactions, 2018, 47, 35-40.	1.6	23
63	Probing magnetic coupling between LnPc₂ (Ln = Tb, Er) molecules and the graphene/Ni (111) substrate with and without Au-intercalation: role of the dipolar field. Nanoscale, 2018, 10, 277-283.	2.8	25
64	Generalized Ramsey interferometry explored with a single nuclear spin qudit. Npj Quantum Information, 2018, 4, .	2.8	25
65	Supramolecular Interaction Tuning of Spin-Crossover in Pyrene/Fullerene (C60) Tethered FeII -2,6-Di(pyrazol-1-yl)pyridine Complexes: Towards Switchable Molecular Devices. European Journal of Inorganic Chemistry, 2018, 2018, 5091-5097.	1.0	11
66	Enantiopure Benzamidinate/Cyclooctatetraene Complexes of the Rare-Earth Elements: Synthesis, Structure, and Magnetism. Organometallics, 2018, 37, 3708-3717.	1.1	14
67	Hoâ€Mediated Alkyne Reactions at Low Temperatures on Ag(111). Chemistry - A European Journal, 2018, 24, 16126-16135.	1.7	9
68	Linking Electronic Transport through a Spin Crossover Thin Film to the Molecular Spin State Using X-ray Absorption Spectroscopy Operando Techniques. ACS Applied Materials & Interfaces, 2018, 10, 31580-31585.	4.0	22
69	Observation of Cooperative Electronic Quantum Tunneling: Increasing Accessible Nuclear States in a Molecular Qudit. Inorganic Chemistry, 2018, 57, 9873-9879.	1.9	27
70	Toward Highly Reversible Magnesiumâ€“Sulfur Batteries with Efficient and Practical Mg[B(hfip)₄]₂ Electrolyte. ACS Energy Letters, 2018, 3, 2005-2013.	8.8	234
71	Magnetic properties of transition metal dimers probed by inelastic neutron scattering. Dalton Transactions, 2018, 47, 11953-11959.	1.6	6
72	Polymorphism and metal-induced structural transformation in 5,5â€²-bis(4-pyridyl)(2,2â€²-bispyrimidine) adlayers on Au(111). Physical Chemistry Chemical Physics, 2018, 20, 15960-15969.	1.3	8

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73	The self-assembly and metal adatom coordination of a linear bis-tetrazole ligand on Ag(111). Chemical Communications, 2018, 54, 10072-10075.	2.2	8
74	On-surface structural and electronic properties of spontaneously formed Tb₂Pc₃ single molecule magnets. Nanoscale, 2018, 10, 15553-15563.	2.8	19
75	Radical-lanthanide ferromagnetic interaction in a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">T</mml:mi><mml:msup><mml:mrow><mml:mi mathvariant="normal">b</mml:mi></mml:mrow><mml:mi>III</mml:mi></mml:msup></mml:mrow></mml:math> bis-phthalocyaninato complex. Physical Review Materials, 2018, 2, .	0.9	29
76	Epitaxy-Induced Assembly and Enantiomeric Switching of an On-Surface Formed Dinuclear Organocobalt Complex. ACS Nano, 2017, 11, 1347-1359.	7.3	8
77	A luminescent Pt₂Fe spin crossover complex. Dalton Transactions, 2017, 46, 2289-2302.	1.6	49
78	Correlation of the structural information obtained for europium-chelate ensembles from gas-phase photoluminescence and ion-mobility spectroscopy with density-functional computations and ligand-field theory. Physical Chemistry Chemical Physics, 2017, 19, 6105-6112.	1.3	7
79	Five mononuclear pentacoordinate Co(II) complexes with field-induced slow magnetic relaxation. Polyhedron, 2017, 126, 174-183.	1.0	22
80	Electrical Read-Out of a Single Spin Using an Exchange-Coupled Quantum Dot. ACS Nano, 2017, 11, 3984-3989.	7.3	50
81	Oneâ€Dimensionally Disordered Chiral Sorting by Racemic Tiling in a Surfaceâ€Confined Supramolecular Assembly of Achiral Tectons. Angewandte Chemie - International Edition, 2017, 56, 7797-7802.	7.2	24
82	Photoisomerization of Bis(tridentate) 2,6â€Bis(1Hâ€pyrazolâ€1â€yl)pyridine Ligands Exhibiting a Multiâ€anthracene Skeleton. Chemistry - A European Journal, 2017, 23, 10100-10109.	1.7	10
83	A Porphyrin Complex as a Selfâ€Conditioned Electrode Material for Highâ€Performance Energy Storage. Angewandte Chemie, 2017, 129, 10477-10482.	1.6	31
84	A Porphyrin Complex as a Selfâ€Conditioned Electrode Material for Highâ€Performance Energy Storage. Angewandte Chemie - International Edition, 2017, 56, 10341-10346.	7.2	94
85	Giant Magnetoresistance in Carbon Nanotubes with Single-Molecule Magnets TbPc₂. ACS Nano, 2017, 11, 6868-6880.	7.3	58
86	Oneâ€Dimensionally Disordered Chiral Sorting by Racemic Tiling in a Surfaceâ€Confined Supramolecular Assembly of Achiral Tectons. Angewandte Chemie, 2017, 129, 7905-7910.	1.6	6
87	Emerging trends in spin crossover (SCO) based functional materials and devices. Coordination Chemistry Reviews, 2017, 346, 176-205.	9.5	612
88	Role of Ï€-Radicals in the Spin Connectivity of Clusters and Networks of Tb Double-Decker Single Molecule Magnets. ACS Nano, 2017, 11, 10750-10760.	7.3	24
89	Operating Quantum States in Single Magnetic Molecules: Implementation of Groverâ€™s Quantum Algorithm. Physical Review Letters, 2017, 119, 187702.	2.9	256
90	Rational In Silico Design of an Organic Semiconductor with Improved Electron Mobility. Advanced Materials, 2017, 29, 1703505.	11.1	27

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91	Terminal Alkyne Coupling on a Corrugated Noble Metal Surface: From Controlled Precursor Alignment to Selective Reactions. Chemistry - A European Journal, 2017, 23, 15588-15593.	1.7	19
92	Nuclear Spin Isomers: Engineering a Et₄N[DyPc₂] Spin Qudit. Angewandte Chemie - International Edition, 2017, 56, 9915-9919.	7.2	62
93	Influence of the charge of the complex unit on the SCO properties in pyrazolyl-pyridinyl-benzimidazole based Fe(II) complexes. Polyhedron, 2017, 135, 189-194.	1.0	3
94	1D and 2D Graphdiynes: Recent Advances on the Synthesis at Interfaces and Potential Nanotechnological Applications. Annalen Der Physik, 2017, 529, 1700056.	0.9	38
95	Nuclear Spin Isomers: Engineering a Et 4 N[DyPc 2] Spin Qudit. Angewandte Chemie, 2017, 129, 10047-10051.	1.6	15
96	Spacer type mediated tunable spin crossover (SCO) characteristics of pyrene decorated 2,6-bis(pyrazol-1-yl)pyridine (bpp) based Fe(<scp>ii</scp>) molecular spintronic modules. Dalton Transactions, 2017, 46, 9765-9768.	1.6	12
97	Landau-Zener Transition in a Continuously Measured Single-Molecule Spin Transistor. Physical Review Letters, 2017, 118, 257701.	2.9	20
98	Low spin Fe(II) complexes formed of monosubstitued 2,6-bis(2-benzimidazolyl)pyridine ligands. Polyhedron, 2017, 123, 122-131.	1.0	15
99	Exchange-bias quantum tunnelling in a CO₂-based Dy₄-single molecule magnet. Chemical Science, 2017, 8, 1178-1185.	3.7	48
100	Characterization of the light induced excited spin state of a heterometallic FePt2 complex by high-field MÃ¶ssbauer spectroscopy. Hyperfine Interactions, 2017, 238, 1.	0.2	10
101	Addressing aï»¿ Single Molecular Spinï»¿ with Graphene-Based Nanoarchitectures. Advances in Atom and Single Molecule Machines, 2017, , 165-184.	0.0	0
102	Single-molecule magnet behavior in 2,2â€™-bipyrimidine-bridged dilanthanide complexes. Beilstein Journal of Nanotechnology, 2016, 7, 126-137.	1.5	21
103	Phenalenyl-based mononuclear dysprosium complexes. Beilstein Journal of Nanotechnology, 2016, 7, 995-1009.	1.5	4
104	Solvent-Induced Polymorphism of Iron(II) Spin Crossover Complexes. Materials, 2016, 9, 585.	1.3	20
105	Giant Hysteresis of Singleâ€Molecule Magnets Adsorbed on a Nonmagnetic Insulator. Advanced Materials, 2016, 28, 5195-5199.	11.1	137
106	Surfaceâ€Guided Formation of an Organocobalt Complex. Angewandte Chemie, 2016, 128, 5848-5853.	1.6	5
107	Quantum Einstein-de Haas effect. Nature Communications, 2016, 7, 11443.	5.8	55
108	Spin-communication channels between Ln(III) bis-phthalocyanines molecular nanomagnets and a magnetic substrate. Scientific Reports, 2016, 6, 21740.	1.6	30

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109	Structural diversity in substituted-pyridinium iodo- and bromoplumbates: a matter of halide and temperature. CrystEngComm, 2016, 18, 8207-8219.	1.3	25
110	CO₂ Binding and Induced Structural Collapse of a Surface-Supported Metalâ€“Organic Network. Journal of Physical Chemistry C, 2016, 120, 18622-18630.	1.5	12
111	Single-molecule devices with graphene electrodes. Dalton Transactions, 2016, 45, 16570-16574.	1.6	47
112	Single-Molecule Magnets: Giant Hysteresis of Single-Molecule Magnets Adsorbed on a Nonmagnetic Insulator (Adv. Mater. 26/2016). Advanced Materials, 2016, 28, 5142-5142.	11.1	7
113	Divergent Coordination Chemistry: Parallel Synthesis of [2Ã—2] Iron(II) Gridâ€Complex Tautoâ€Conformers. Angewandte Chemie - International Edition, 2016, 55, 10881-10885.	7.2	41
114	Coupling molecular spin centers to microwave planar resonators: towards integration of molecular qubits in quantum circuits. Dalton Transactions, 2016, 45, 16596-16603.	1.6	29
115	Relay-Like Exchange Mechanism through a Spin Radical between TbPc₂ Molecules and Graphene/Ni(111) Substrates. ACS Nano, 2016, 10, 9353-9360.	7.3	26
116	Homoleptic Chiral Benzamidinate Complexes of Rareâ€Earth Elements: Synthesis, Structure, Luminescence, and Magnetism. European Journal of Inorganic Chemistry, 2016, 2016, 5512-5518.	1.0	11
117	Surface confinement of TbPc₂-SMMs: structural, electronic and magnetic properties. Dalton Transactions, 2016, 45, 18417-18433.	1.6	52
118	Controlled manipulation of the Coâ€“Alq3 interface by rational design of Alq3 derivatives. Dalton Transactions, 2016, 45, 18365-18376.	1.6	4
119	Divergente Koordinationschemie: Parallele Synthese von [2Ã—2]â€Eisen(II)â€Gitterkomplextautokonformeren. Angewandte Chemie, 2016, 128, 11040-11044.	1.6	11
120	Câ€“Au Covalently Bonded Molecular Junctions Using Nonprotected Alkynyl Anchoring Groups. Journal of the American Chemical Society, 2016, 138, 8465-8469.	6.6	42
121	Bilayer of Terbium Double-Decker Single-Molecule Magnets. Journal of Physical Chemistry C, 2016, 120, 13581-13586.	1.5	22
122	Surfaceâ€Guided Formation of an Organocobalt Complex. Angewandte Chemie - International Edition, 2016, 55, 5754-5759.	7.2	20
123	Surface induces different crystal structures in a room temperature switchable spin crossover compound. Dalton Transactions, 2016, 45, 134-143.	1.6	19
124	Exchange bias of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TbPc</mml:mi><mml:mn>2</mml:mn></mml:msub></mr magnets on antiferromagnetic FeMn and ferromagnetic Fe films. Physical Review B, 2015, 92, .	1.1	24
125	Surfaceâ€Supported Robust 2D Lanthanideâ€Carboxylate Coordination Networks. Small, 2015, 11, 6358-6364.	5.2	43
126	Molecular materials â€“ towards quantum properties. Beilstein Journal of Nanotechnology, 2015, 6, 1485-1486.	1.5	0

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127	Charge carrier mobility and electronic properties of Al(Op)3: impact of excimer formation. Beilstein Journal of Nanotechnology, 2015, 6, 1107-1115.	1.5	7
128	Synthesis, characterization, monolayer assembly and 2D lanthanide coordination of a linear terphenyl-di(propiolonitrile) linker on Ag(111). Beilstein Journal of Nanotechnology, 2015, 6, 327-335.	1.5	6
129	Characterization of a Surface Reaction by Means of Atomic Force Microscopy. Journal of the American Chemical Society, 2015, 137, 7424-7428.	6.6	64
130	Multi-modal sensing in spin crossover compounds. Journal of Materials Chemistry C, 2015, 3, 7836-7844.	2.7	87
131	Kondo effect in binuclear metal-organic complexes with weakly interacting spins. Physical Review B, 2015, 91, .	1.1	14
132	Photoluminescence Spectroscopy of Mass-Selected Electrosprayed Ions Embedded in Cryogenic Rare-Gas Matrixes. Analytical Chemistry, 2015, 87, 11901-11906.	3.2	5
133	Magnetic interplay between two different lanthanides in a tris-phthalocyaninato complex: a viable synthetic route and detailed investigation in the bulk and on the surface. Journal of Materials Chemistry C, 2015, 3, 9794-9801.	2.7	34
134	Highly luminescent charge-neutral europium(iii) and terbium(iii) complexes with tridentate nitrogen ligands. Dalton Transactions, 2015, 44, 15611-15619.	1.6	26
135	Tuning the magneto-optical response of TbPc₂ single molecule magnets by the choice of the substrate. Journal of Materials Chemistry C, 2015, 3, 8039-8049.	2.7	18
136	On-Surface Synthesis of Carbon-Based Scaffolds and Nanomaterials Using Terminal Alkynes. Accounts of Chemical Research, 2015, 48, 2140-2150.	7.6	186
137	Unusual Deprotonated Alkynyl Hydrogen Bonding in Metal-Supported Hydrocarbon Assembly. Journal of Physical Chemistry C, 2015, 119, 9669-9679.	1.5	39
138	Magnetic Interaction Between a Radical Spin and a Single-Molecule Magnet in a Molecular Spin-Valve. ACS Nano, 2015, 9, 4458-4464.	7.3	97
139	Spin Transition in Arrays of Gold Nanoparticles and Spin Crossover Molecules. ACS Nano, 2015, 9, 4496-4507.	7.3	77
140	A charge neutral iron(<scp>ii</scp>) complex with an above room temperature spin crossover (SCO) and hysteresis loop. Journal of Materials Chemistry C, 2015, 3, 11635-11644.	2.7	31
141	Self-assembly of bis(phthalocyaninato)terbium on metal surfaces. Physica Scripta, 2015, 90, 098003.	1.2	14
142	Controlling the Spin Texture of Topological Insulators by Rational Design of Organic Molecules. Nano Letters, 2015, 15, 6022-6029.	4.5	37
143	Coupling of single, double, and triple-decker metal-phthalocyanine complexes to ferromagnetic and antiferromagnetic substrates. Surface Science, 2014, 630, 361-374.	0.8	49
144	Substitutional Photoluminescence Modulation in Adducts of a Europium Chelate with a Range of Alkali Metal Cations: A Gas-Phase Study. Journal of Physical Chemistry A, 2014, 118, 94-102.	1.1	13

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145	Field-regulated switching of the magnetization of Co-porphyrin on graphene. Physical Review B, 2014, 89, .	1.1	17
146	A Surface Coordination Network Based on Copper Adatom Trimers. Angewandte Chemie - International Edition, 2014, 53, 12955-12959.	7.2	61
147	Polymorphism dependent light induced spin transition. Dalton Transactions, 2014, 43, 16584-16587.	1.6	23
148	Hysteretic behaviour in a vacuum deposited submonolayer of single ion magnets. Dalton Transactions, 2014, 43, 10686-10689.	1.6	43
149	Convergent and divergent two-dimensional coordination networks formed through substrate-activated or quenched alkynyl ligation. Chemical Communications, 2014, 50, 9973-9976.	2.2	26
150	Synthesis of Extended Graphdiyne Wires by Vicinal Surface Templating. Nano Letters, 2014, 14, 1891-1897.	4.5	165
151	Meta-Positioning of Carbonitrile Functional Groups Induces Interfacial Edge-On Phase of Oligophenyl Derivatives. Journal of Physical Chemistry C, 2014, 118, 2622-2633.	1.5	6
152	Characterization of Nonanuclear Europium and Gadolinium Complexes by Gas-Phase Luminescence Spectroscopy. Journal of Physical Chemistry Letters, 2014, 5, 1727-1731.	2.1	14
153	Single-Molecule Magnetism in a Pentacoordinate Cobalt(II) Complex Supported by an Antenna Ligand. Inorganic Chemistry, 2014, 53, 8200-8202.	1.9	115
154	Spin-Crossover and Massive Anisotropy Switching of 5d Transition Metal Atoms on Graphene Nanoflakes. Nano Letters, 2014, 14, 3364-3368.	4.5	28
155	Dynamic Control of Plasmon Generation by an Individual Quantum System. Nano Letters, 2014, 14, 5693-5697.	4.5	13
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