M Carmen MuÃ±oz

List of Publications by Year
in descending order

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200	11,322	25034	37204
papers	citations	57 h-index	96 g-index

230	230	230	5838
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Halobenzene Clathrates of the Porous Metalâ€“Organic Spin-Crossover Framework [Fe(tvp)₂(NCS)₂]_n. Stabilization of a Four-Step Transition. Inorganic Chemistry, 2022, 61, 4484-4493.	4.0	3
2	Metal-Free Diastereo- and Enantioselective Dearomative Formal [3 + 2] Cycloaddition of 2-Nitrobenzofurans and Isocyanoacetate Esters. Organic Letters, 2022, 24, 2149-2154.	4.6	7
3	Catalytic Diastereo- and Enantioselective Synthesis of Tertiary Trifluoromethyl Carbinols through a Vinylogous Aldol Reaction of Alkylidenepyrazolones with Trifluoromethyl Ketones. Journal of Organic Chemistry, 2022, 87, 4538-4549.	3.2	4
4	Coexistence of luminescence and spin-crossover in 2D iron(<scp>ii</scp>) Hofmann clathrates modulated through guest encapsulation. Journal of Materials Chemistry C, 2022, 10, 10686-10698.	5.5	11
5	Guest induced reversible onâ€“off switching of elastic frustration in a 3D spin crossover coordination polymer with room temperature hysteretic behaviour. Chemical Science, 2021, 12, 1317-1326.	7.4	36
6	Bistable Hofmann-Type Fe^{II} Spin-Crossover Two-Dimensional Polymers of 4-Alkyldisulfanylpyridine for Prospective Grafting of Monolayers on Metallic Surfaces. Inorganic Chemistry, 2021, 60, 9040-9049.	4.0	6
7	Spin Crossover in a Series of Non-Hofmann-Type Fe(II) Coordination Polymers Based on [Hg(SeCN)₃]^{â^'} or [Hg(SeCN)₄]^{2â€“} Building Blocks. Inorganic Chemistry, 2021, 60, 11048-11057.	4.0	3
8	Enhanced Interplay between Hostâ€“Guest and Spin-Crossover Properties through the Introduction of an N Heteroatom in 2D Hofmann Clathrates. Inorganic Chemistry, 2021, 60, 11866-11877.	4.0	7
9	Catalytic Diastereo- and Enantioselective Vinylogous Mannich Reaction of Alkylidenepyrazolones to Isatin-Derived Ketimines. Organic Letters, 2021, 23, 7391-7395.	4.6	8
10	Enantioselective Addition of Sodium Bisulfite to Nitroalkenes. A Convenient Approach to Chiral Sulfonic Acids. European Journal of Organic Chemistry, 2021, 2021, 5284-5287.	2.4	4
11	Extrinsicvs.intrinsic luminescence and their interplay with spin crossover in 3D Hofmann-type coordination polymers. Journal of Materials Chemistry C, 2020, 8, 1623-1633.	5.5	33
12	Organocatalytic Enantioselective 1,6â€azaâ€Michael Addition of Isoxazolinâ€5â€ones to pâ€Quinone Methides. European Journal of Organic Chemistry, 2020, 2020, 627-630.	2.4	33
13	Singleâ€Crystal Xâ€Ray Diffraction Study of Pressure and Temperatureâ€Induced Spin Trapping in a Bistable Iron(II) Hofmann Framework. Angewandte Chemie, 2020, 132, 3130-3135.	2.0	1
14	Singleâ€Crystal Xâ€Ray Diffraction Study of Pressure and Temperatureâ€Induced Spin Trapping in a Bistable Iron(II) Hofmann Framework. Angewandte Chemie - International Edition, 2020, 59, 3106-3111.	13.8	12
15	Enantioselective zinc-mediated conjugate alkynylation of saccharin-derived 1-aza-butadienes. Chemical Communications, 2020, 56, 9461-9464.	4.1	0
16	Thermochromic Meltable Materials with Reverse Spin Transition Controlled by Chemical Design. Angewandte Chemie - International Edition, 2020, 59, 18632-18638.	13.8	28
17	Organocatalytic Enantioselective Aminoalkylation of 5â€Aminopyrazole Derivatives with Cyclic Imines. European Journal of Organic Chemistry, 2020, 2020, 7450-7454.	2.4	11
18	Reversible guest-induced gate-opening with multiplex spin crossover responses in two-dimensional Hofmann clathrates. Chemical Science, 2020, 11, 11224-11234.	7.4	36

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19	Thermochromic Meltable Materials with Reverse Spin Transition Controlled by Chemical Design. Angewandte Chemie, 2020, 132, 18791-18797.	2.0	4
20	Epitaxial Thin-Film vs Single Crystal Growth of 2D Hofmann-Type Iron(II) Materials: A Comparative Assessment of their Bi-Stable Spin Crossover Properties. ACS Applied Materials & Interfaces, 2020, 12, 29461-29472.	8.0	16
21	Symmetry breakings in a metal organic framework with a confined guest. Physical Review B, 2020, 101, .	3.2	10
22	Effect of Guest Molecules on Spin Transition Temperature in Loaded Hofmannâ€Like Clathrates with Improved Porosity. European Journal of Inorganic Chemistry, 2020, 2020, 764-769.	2.0	15
23	Influence of Hostâ€“Guest and Hostâ€“Host Interactions on the Spin-Crossover 3D Hofmann-type Clathrates {Fe^{II}(pina)[M^I(CN)₂]₂}Â·xMeOH (M^I = Ag, Au). Inorganic Chemistry, 2019, 58, 10038-10046.	4.0	29
24	A Combination of Visible-Light Organophotoredox Catalysis and Asymmetric Organocatalysis for the Enantioselective Mannich Reaction of Dihydroquinoxalinones with Ketones. Organic Letters, 2019, 21, 6011-6015.	4.6	43
25	Organocatalytic enantioselective functionalization of indoles in the carbocyclic ring with cyclic imines. New Journal of Chemistry, 2019, 43, 130-134.	2.8	21
26	An unprecedented hetero-bimetallic three-dimensional spin crossover coordination polymer based on the tetrahedral [Hg(SeCN)4]2â^' building block. Chemical Communications, 2019, 55, 4607-4610.	4.1	17
27	Discrimination between two memory channels by molecular alloying in a doubly bistable spin crossover material. Chemical Science, 2019, 10, 3807-3816.	7.4	44
28	Regioâ€ and Diastereoâ€ and Enantioselective Organocatalytic Addition of 4â€Substituted Pyrazolones to Isatinâ€Derived Nitroalkenes. European Journal of Organic Chemistry, 2019, 2019, 3040-3044.	2.4	9
29	Regioâ€and Stereoselective Synthesis of 3â€Pyrazolylideneâ€2â€oxindole Compounds by Nucleophilic Vinylic Substitution of (E)â€3â€(Nitromethylene)indolinâ€2â€one. Advanced Synthesis and Catalysis, 2019, 361, 1902-1907.	4.3	11
30	A thermal- and light-induced switchable one-dimensional rare loop-like spin crossover coordination polymer. Dalton Transactions, 2019, 48, 17014-17021.	3.3	10
31	Organocatalytic enantioselective aminoalkylation of pyrazol-3-ones with aldimines generated in situ from Î±-amido sulfones. Organic and Biomolecular Chemistry, 2019, 17, 9859-9863.	2.8	10
32	Enantioselective Synthesis of 5-Trifluoromethyl-2-oxazolines under Dual Silver/Organocatalysis. Journal of Organic Chemistry, 2019, 84, 314-325.	3.2	26
33	Enantioselective synthesis of chiral oxazolines from unactivated ketones and isocyanoacetate esters by synergistic silver/organocatalysis. Chemical Communications, 2018, 54, 2862-2865.	4.1	20
34	{[Hg(SCN)₃]₂(Î¼-L)}^{2â€“}: An Efficient Secondary Building Unit for the Synthesis of 2D Iron(II) Spin-Crossover Coordination Polymers. Inorganic Chemistry, 2018, 57, 1562-1571.	4.0	22
35	Lanthanum-pyBOX complexes as catalysts for the enantioselective conjugate addition of malonate esters to Î²,Î³-unsaturated Î±-ketimino esters. Journal of Coordination Chemistry, 2018, 71, 864-873.	2.2	3
36	Cyanidoâ€Bridged Fe^{II}â€“M^I Dimetallic Hofmannâ€Like Spinâ€Crossover Coordination Polymers Based on 2,6â€Naphthyridine. European Journal of Inorganic Chemistry, 2018, 2018, 289-296.	2.0	24

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37	Organocatalytic Enantioselective Functionalization of Hydroxyquinolines through an Azaâ€Friedelâ€Crafts Alkylation with Isatinâ€derived Ketimines. Advanced Synthesis and Catalysis, 2018, 360, 859-864.	4.3	15
38	Thermo- and photo-modulation of exciplex fluorescence in a 3D spin crossover Hofmann-type coordination polymer. Chemical Science, 2018, 9, 8446-8452.	7.4	59
39	Switchable Spin-Crossover Hofmann-Type 3D Coordination Polymers Based on Tri- and Tetratopic Ligands. Inorganic Chemistry, 2018, 57, 12195-12205.	4.0	24
40	Enantioselective Synthesis of 2-Amino-1,1-diarylalkanes Bearing a Carbocyclic Ring Substituted Indole through Asymmetric Catalytic Reaction of Hydroxyindoles with Nitroalkenes. Journal of Organic Chemistry, 2018, 83, 6397-6407.	3.2	21
41	Organocatalytic Enantioselective Strecker Reaction with Sevenâ€Membered Cyclic Imines. Advanced Synthesis and Catalysis, 2018, 360, 3662-3666.	4.3	15
42	Competing Phases Involving Spin-State and Ligand Structural Orderings in a Multistable Two-Dimensional Spin Crossover Coordination Polymer. Crystal Growth and Design, 2017, 17, 2736-2745.	3.0	38
43	Catalytic enantioselective aza-Reformatsky reaction with seven-membered cyclic imines dibenzo[b,f][1,4]oxazepines. Organic Chemistry Frontiers, 2017, 4, 1624-1628.	4.5	23
44	Guest Induced Strong Cooperative One- and Two-Step Spin Transitions in Highly Porous Iron(II) Hofmann-Type Metalâ€“Organic Frameworks. Inorganic Chemistry, 2017, 56, 7038-7047.	4.0	55
45	Hydroxy-Directed Enantioselective Hydroxyalkylation in the Carbocyclic Ring of Indoles. Organic Letters, 2017, 19, 1546-1549.	4.6	45
46	Copper-catalysed enantioselective Michael addition of malonic esters to Î²-trifluoromethyl-Î±,Î²-unsaturated imines. Organic and Biomolecular Chemistry, 2017, 15, 3849-3853.	2.8	13
47	Chiral and Racemic Spin Crossover Polymorphs in a Family of Mononuclear Iron(II) Compounds. Inorganic Chemistry, 2017, 56, 13535-13546.	4.0	35
48	Catalytic Asymmetric Formal [3+2] Cycloaddition of 2â€Isocyanatomalonate Esters and Unsaturated Imines: Synthesis of Highly Substituted Chiral Î³â€Lactams. Chemistry - A European Journal, 2017, 23, 14707-14711.	3.3	12
49	Symmetry Breaking in Iron(II) Spin-Crossover Molecular Crystals. Magnetochemistry, 2016, 2, 16.	2.4	78
50	First Step Towards a Devil's Staircase in Spinâ€Crossover Materials. Angewandte Chemie - International Edition, 2016, 55, 8675-8679.	13.8	94
51	Organocatalytic Enantioselective Alkylation of Pyrazolâ€3â€ones with Isatinâ€Derived Ketimines: Stereocontrolled Construction of Vicinal Tetrasubstituted Stereocenters. Advanced Synthesis and Catalysis, 2016, 358, 1583-1588.	4.3	52
52	Catalytic Enantioselective Conjugate Alkynylation of Î±,Î²â€Unsaturated 1,1,1â€Trifluoromethyl Ketones with Terminal Alkynes. Chemistry - A European Journal, 2016, 22, 10057-10064.	3.3	17
53	Imparting hysteretic behavior to spin transition in neutral mononuclear complexes. RSC Advances, 2016, 6, 39627-39635.	3.6	16
54	Strong Cooperative Spin Crossover in 2D and 3D Fe^{II}â€“M^{I,II} Hofmann-Like Coordination Polymers Based on 2-Fluoropyrazine. Inorganic Chemistry, 2016, 55, 10654-10665.	4.0	50

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55	From six-coordinate to eight-coordinate iron(<scp>ii</scp>) complexes with pyridyltriazolo-pyridine frameworks. CrystEngComm, 2016, 18, 7950-7954.	2.6	9
56	Electronic Structure Modulation in an Exceptionally Stable Nonâ€Heme Nitrosyl Iron(II) Spinâ€Crossover Complex. Chemistry - A European Journal, 2016, 22, 12741-12751.	3.3	15
57	Catalytic Enantioselective Azaâ€Reformatsky Reaction with Cyclic Imines. Chemistry - A European Journal, 2016, 22, 17590-17594.	3.3	30
58	Organocatalytic Enantioselective Synthesis of Î±-Hydroxyketones through a Friedelâ€“Crafts Reaction of Naphthols and Activated Phenols with Aryl- and Alkylglyoxal Hydrates. Organic Letters, 2016, 18, 5652-5655.	4.6	22
59	Organocatalytic Enantioselective Synthesis of Pyrazoles Bearing a Quaternary Stereocenter. Chemistry - an Asian Journal, 2016, 11, 1532-1536.	3.3	33
60	Organocatalytic Enantioselective Friedelâ€“Crafts Aminoalkylation of Indoles in the Carbocyclic Ring. ACS Catalysis, 2016, 6, 2689-2693.	11.2	70
61	E,Z-Stereodivergent synthesis of N-tosyl Î±,Î²-dehydroamino esters via a Mukaiyamaâ€“Michael addition. RSC Advances, 2016, 6, 15655-15659.	3.6	9
62	Nanoporosity, Inclusion Chemistry, and Spin Crossover in Orthogonally Interlocked Twoâ€Dimensional Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2015, 21, 12112-12120.	3.3	27
63	Azaâ€Henry Reaction of Isatin Ketimines with Methyl 4â€Nitrobutyrate en Route to Spiro[piperidineâ€3,3â€²â€oxindoles]. Advanced Synthesis and Catalysis, 2015, 357, 3857-3862.	4.3	26
64	Meltable Spin Transition Molecular Materials with Tunable T_c and Hysteresis Loop Width. Angewandte Chemie - International Edition, 2015, 54, 14777-14781.	13.8	52
65	Organocatalytic Enantioselective Friedelâ€“Crafts Alkylation of 1â€Naphthol Derivatives and Activated Phenols with Ethyl Trifluoropyruvate. Advanced Synthesis and Catalysis, 2015, 357, 3047-3051.	4.3	29
66	Enantioselective alkynylation of benzo[e][1,2,3]-oxathiazine 2,2-dioxides catalysed by (R)-VAPOL-Zn complexes: synthesis of chiral propargylic cyclic sulfamidates. Organic and Biomolecular Chemistry, 2015, 13, 7393-7396.	2.8	26
67	Organocatalytic Asymmetric Addition of Naphthols and Electronâ€Rich Phenols to Isatinâ€Derived Ketimines: Highly Enantioselective Construction of Tetrasubstituted Stereocenters. Angewandte Chemie - International Edition, 2015, 54, 6320-6324.	13.8	127
68	Efficient Synthesis of 5â€Chalcogenylâ€1,3â€oxazinâ€2â€ones by Chalcogenâ€Mediated Yneâ€“Carbamate Cyclisation: An Experimental and Theoretical Study. European Journal of Organic Chemistry, 2015, 2015, 1020-1027.	2.4	16
69	Organocatalytic enantioselective aza-Friedelâ€“Crafts reaction of 2-naphthols with benzoxathiazine 2,2-dioxides. RSC Advances, 2015, 5, 60101-60105.	3.6	37
70	Homoleptic Iron(II) Complexes with the Ionogenic Ligand 6,6â€²-Bis(1H-tetrazol-5-yl)-2,2â€²-bipyridine: Spin Crossover Behavior in a Singular 2D Spin Crossover Coordination Polymer. Inorganic Chemistry, 2015, 54, 7424-7432.	4.0	34
71	Highly enantioselective copper(<scp>i</scp>)-catalyzed conjugate addition of 1,3-diynes to Î±,Î²-unsaturated trifluoromethyl ketones. Chemical Communications, 2015, 51, 8958-8961.	4.1	24
72	Spin Crossover Behavior in a Series of Iron(III) Alkoxide Complexes. Inorganic Chemistry, 2015, 54, 3413-3421.	4.0	20

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73	Spin crossover in iron(<scp>ii</scp>) complexes with ferrocene-bearing triazole-pyridine ligands. Dalton Transactions, 2015, 44, 18911-18918.	3.3	14
74	Crystal structure of the coordination polymer [Fe^{III}₂{Pt^{II}(CN)₄}₃]. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, i1-i2.	0.5	1
75	Two-step spin crossover behaviour in the chiral one-dimensional coordination polymer [Fe(HAT)(NCS)₂]_{â^ž}. RSC Advances, 2015, 5, 69782-69789.	3.6	20
76	Clathration of Five-Membered Aromatic Rings in the Bimetallic Spin Crossover Metalâ€“Organic Framework [Fe(TPT)_{2/3}{M^I(CN)₂}₂]Â·G (M^I) Tj ET Q q 0 0 0 rg BT /Overlo	3.3	29
77	Guest Modulation of Spinâ€Crossover Transition Temperature in a Porous Iron(II) Metalâ€“Organic Framework: Experimental and Periodic DFT Studies. Chemistry - A European Journal, 2014, 20, 12864-12873.	3.3	55
78	Two- and one-step cooperative spin transitions in Hofmann-like clathrates with enhanced loading capacity. Chemical Communications, 2014, 50, 1833-1835.	4.1	47
79	Control of the spin state by charge and ligand substitution: two-step spin crossover behaviour in a novel neutral iron(<scp>ii</scp>) complex. Dalton Transactions, 2014, 43, 16387-16394.	3.3	21
80	Spin Crossover Star-Shaped Metallomesogens of Iron(II). Inorganic Chemistry, 2014, 53, 8442-8454.	4.0	42
81	Enantioselective Addition of Nitromethane to 2-Acylpyridine N-Oxides. Expanding the Generation of Quaternary Stereocenters with the Henry Reaction. Organic Letters, 2014, 16, 1204-1207.	4.6	35
82	Synthesis of Densely Functionalised 5â€Halogenâ€1,3â€oxazinâ€2â€ones by Halogenâ€Mediated Regioselective Cyclisation of Nâ€Cbzâ€Protected Propargylic Amines: A Combined Experimental and Theoretical Study. Chemistry - A European Journal, 2013, 19, 14852-14860.	3.3	24
83	Structural, magnetic and calorimetric studies of a crystalline phase of the spin crossover compound [Fe(tzpy)2(NCSe)2]. CrystEngComm, 2013, 15, 3455.	2.6	12
84	Thermalâ€, Pressureâ€and Lightâ€Induced Spinâ€Crossover Behaviour in the Twoâ€Dimensional Hofmannâ€Like Coordination Polymer [Fe(3â€Clpy)₂Pd(CN)₄]. European Journal of Inorganic Chemistry, 2013, 2013, 813-818.	2.0	35
85	Novel Iron(II) Microporous Spin-Crossover Coordination Polymers with Enhanced Pore Size. Inorganic Chemistry, 2013, 52, 3-5.	4.0	33
86	Enantioselective Friedelâ€“Crafts Alkylation of Indoles with (E)â€1â€Arylâ€4â€benzyloxybutâ€2â€enâ€1â€ones Catalyzed by an (R)â€3,3â€²â€Br₂BINOLateâ€“Hafnium(IV) Complex. European Journal of Organic Chemistry, 2013, 2013, 1902-1907.	2.4	10
87	Enantioselective La^{III}â€pyBOXâ€Catalyzed Nitroâ€Michael Addition to (E)â€2â€Azachalcones. European Journal of Organic Chemistry, 2013, 2013, 1696-1705.	2.4	40
88	Enantioselective Synthesis of 4â€Substituted Dihydrocoumarins through a Zinc Bis(hydroxyamide)â€Catalyzed Conjugate Addition of Terminal Alkynes. Advanced Synthesis and Catalysis, 2013, 355, 1071-1076.	4.3	42
89	Unprecedented Multiâ€Stable Spin Crossover Molecular Material with Two Thermal Memory Channels. Chemistry - A European Journal, 2013, 19, 6591-6596.	3.3	74
90	[Fe(TPT)_{2/3}{M^I(CN)₂}₂]â‹…nSolv (M^I=Ag, Au): New Bimetallic Porous Coordination Polymers with Spinâ€Crossover Properties. Chemistry - A European Journal, 2013, 19, 6851-6861.	3.3	29

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91	Reversible Chemisorption of Sulfur Dioxide in a Spin Crossover Porous Coordination Polymer. Inorganic Chemistry, 2013, 52, 12777-12783.	4.0	72
92	Fast Detection of Water and Organic Molecules by a Change of Color in an Iron(II) Microporous Spin-Crossover Coordination Polymer. Inorganic Chemistry, 2012, 51, 13078-13080.	4.0	24
93	Enhanced bistability by guest inclusion in Fe(ii) spin crossover porous coordination polymers. Chemical Communications, 2012, 48, 4686.	4.1	107
94	Heterobimetallic MOFs Containing Tetrathiocyanometallate Building Blocks: Pressure-Induced Spin Crossover in the Porous {Fe^{II}(pz)[Pd^{II}(SCN)₄]} 3D Coordination Polymer. Inorganic Chemistry, 2012, 51, 11126-11132.	4.0	21
95	A Switchable Molecular Rotator: Neutron Spectroscopy Study on a Polymeric Spin-Crossover Compound. Journal of the American Chemical Society, 2012, 134, 5083-5089.	13.7	118
96	NMR Spectroscopic Characterization and DFT Calculations of Zirconium(IV)-3,3â€²-Br₂â€“BINOLate and Related Complexes Used in an Enantioselective Friedelâ€“Crafts Alkylation of Indoles with Î±,Î²-Unsaturated Ketones. Journal of Organic Chemistry, 2012, 77, 10545-10556.	3.2	13
97	Sequestering Aromatic Molecules with a Spinâ€Crossover Fe^{II} Microporous Coordination Polymer. Chemistry - A European Journal, 2012, 18, 8013-8018.	3.3	74
98	Synergetic Effect of Hostâ€“Guest Chemistry and Spin Crossover in 3D Hofmannâ€like Metalâ€“Organic Frameworks [Fe(bpac)M(CN)₄] (M=Pt, Pd, Ni). Chemistry - A European Journal, 2012, 18, 507-516.	3.3	107
99	Enantioselective Synthesis of Tertiary Alcohols through a Zirconium-Catalyzed Friedelâ€“Crafts Alkylation of Pyrroles with Î±-Ketoesters. Journal of Organic Chemistry, 2011, 76, 6286-6294.	3.2	34
100	Highly Enantioselective Nitrone Cycloadditions with 2-Alkenoyl PyridineN-Oxides Catalyzed by Cu(II)â^'BOX Complexes. Organic Letters, 2011, 13, 402-405.	4.6	49
101	Enhanced porosity in a new 3D Hofmann-like network exhibiting humidity sensitive cooperative spin transitions at room temperature. Journal of Materials Chemistry, 2011, 21, 7217.	6.7	90
102	Thermal and pressure-induced spin crossover in a novel three-dimensional Hoffman-like clathrate complex. New Journal of Chemistry, 2011, 35, 1205.	2.8	33
103	Synthesis, crystal structures, and solid state quadratic nonlinear optical properties of a series of stilbazolium cations combined with gold cyanide counter-ion. Journal of Materials Chemistry, 2011, 21, 15940.	6.7	25
104	Cooperative Spin Transition in the Two-Dimensional Coordination Polymer [Fe(4,4â€²-bipyridine)₂(NCX)₂]Â·4CHCl₃ (X = S, Se). Inorganic Chemistry, 2011, 50, 10633-10642.	4.0	79
105	Precise Control and Consecutive Modulation of Spin Transition Temperature Using Chemical Migration in Porous Coordination Polymers. Journal of the American Chemical Society, 2011, 133, 8600-8605.	13.7	191
106	Thermo-, piezo-, photo- and chemo-switchable spin crossover iron(II)-metallocyanate based coordination polymers. Coordination Chemistry Reviews, 2011, 255, 2068-2093.	18.8	404
107	[Fe^{III}(bztpen)(OCH₃)](PF₆)₂: Stable Methoxideâ€“Iron(III) Complex Exhibiting Spin Crossover Behavior in the Solid State. European Journal of Inorganic Chemistry, 2010, 2010, 5563-5567.	2.0	19
108	Synthesis of Functionalized Indoles with a Trifluoromethylâ€Substituted Stereogenic Tertiary Carbon Atom Through an Enantioselective Friedelâ€“Crafts Alkylation with Î²â€Trifluoromethylâ€Î±,Î²â€enones. Chemistry - A European Journal, 2010, 16, 9117-9122.	3.3	68

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109	Topological control in the hydrogen bond-directed self-assembly of ortho-, meta-, and para-phenylene-substituted dioxamic acid diethyl esters. CrystEngComm, 2010, 12, 2473.	2.6	17
110	Highly Enantioâ€•and Diastereoselective Inverse Electron Demand Heteroâ€Dielsâ€“Alder Reaction using 2â€Alkenoylpyridine Nâ€Oxides as Oxoâ€Heterodienes. Advanced Synthesis and Catalysis, 2009, 351, 107-111.	4.3	42
111	Synthesis of Functionalized Indoles with an Î±â€Stereogenic Ketone Moiety Through an Enantioselective Friedelâ€“Crafts Alkylation with (E)â€1,4â€Diarylâ€2â€buteneâ€1,4â€diones. Advanced Synthesis and Catalysis, 2009, 351, 2433-2440.	4.3	30
112	Synthesis and Characterisation of a New Series of Bistable Iron(II) Spinâ€Crossover 2D Metalâ€“Organic Frameworks. Chemistry - A European Journal, 2009, 15, 10960-10971.	3.3	114
113	Spin-Crossover 2D Metal-Organic Frameworks with a Redox-Active Ligand: [Fe(ttf-adpy)2M(CN)4]Â·nH2O (ttf-adpy = 4-Tetrathiafulvalenylcarboxamidopyridine; MII= Ni, Pd, Pt). European Journal of Inorganic Chemistry, 2009, 2009, 303-310.	2.0	30
114	Bidirectional Chemoâ€Switching of Spin State in a Microporous Framework. Angewandte Chemie - International Edition, 2009, 48, 4767-4771.	13.8	474
115	Oxidative Addition of Halogens on Open Metal Sites in a Microporous Spinâ€Crossover Coordination Polymer. Angewandte Chemie - International Edition, 2009, 48, 8944-8947.	13.8	164
116	A wide family of pyridoxal thiosemicarbazone ferric complexes: Syntheses, structures and magnetic properties. Inorganica Chimica Acta, 2009, 362, 56-64.	2.4	31
117	Spin Crossover and Paramagnetic Behaviour in Two-Dimensional Iron(II) Coordination Polymers with Stilbazole Pushâ€“Pull Ligands. Australian Journal of Chemistry, 2009, 62, 1155.	0.9	26
118	Polynuclear Spin Crossover Complexes: Synthesis, Structure, and Magnetic Behavior of Inorganic Chemistry, 2009, 48, 3710-3719.	4.0	64
119	Spin-Crossover Behavior in Cyanide-Bridged Iron(II)â^'Copper(I) Bimetallic 1â^'3D Metalâ^'Organic Frameworks. Inorganic Chemistry, 2009, 48, 3371-3381.	4.0	49
120	Polymorphism and â€œreverseâ€•spin transition in the spin crossover system [Co(4-terpyridone)2](CF3SO3)2Â·1H2O. New Journal of Chemistry, 2009, 33, 1262.	2.8	45
121	Catalytic enantioselective addition of terminal alkynes to aromatic aldehydes using zinc-hydroxyamide complexes. Organic and Biomolecular Chemistry, 2009, 7, 4301.	2.8	33
122	A Metallacryptandâ€Based Manganese(II)â€“Cobalt(II) Ferrimagnet with a Threeâ€Dimensional Honeycomb Openâ€Framework Architecture. Angewandte Chemie - International Edition, 2008, 47, 4211-4216.	13.8	41
123	Rational design of a new class of heterobimetallic molecule-based magnets: Synthesis, crystal structures, and magnetic properties of oxamato-bridged (Mâ€²=LiI and MnII; M=NiII and CoII) open-frameworks with a three-dimensional honeycomb architecture. Inorganica Chimica Acta, 2008, 361, 3394-3402.	2.4	49
124	Synthesis, crystal structure and magnetic properties of the spin crossover system [Fe(pq)3]2+. Inorganica Chimica Acta, 2008, 361, 4047-4054.	2.4	5
125	Structure and Magnetism of Dinuclear Copper(II) Metallacyclophanes with Oligoacenebis(oxamate) Bridging Ligands:Â Theoretical Predictions on Wirelike Magnetic Coupling. Journal of the American Chemical Society, 2008, 130, 576-585.	13.7	64
126	Copper(II)â^'Bis(oxazoline) Catalyzed Asymmetric Dielsâ^'Alder Reaction with Î±â€²-Arylsulfonyl Enones as Dienophiles. Journal of Organic Chemistry, 2008, 73, 6389-6392.	3.2	18

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