

M Angeles Monge

List of Publications by Year in descending order

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times ranked

8541
citing authors

#	ARTICLE	IF	CITATIONS
1	Decamethylzincocene, a Stable Compound of Zn(I) with a Zn-Zn Bond. <i>Science</i> , 2004, 305, 1136-1138.	12.6	491
2	In ₂ (OH) ₃ (BDC) _{1.5} (BDC = 1,4-Benzendicarboxylate): An In(III) Supramolecular 3D Framework with Catalytic Activity. <i>Inorganic Chemistry</i> , 2002, 41, 2429-2432.	4.0	220
3	Layered Rare-Earth Hydroxides: A Class of Pillared Crystalline Compounds for Intercalation Chemistry. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7998-8001.	13.8	203
4	Principles of Designing Extra-Large Pore Openings and Cages in Zeolitic Imidazolate Frameworks. <i>Journal of the American Chemical Society</i> , 2017, 139, 6448-6455.	13.7	197
5	New Metal-Organic Frameworks for Chemical Fixation of CO ₂ . <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 733-744.	8.0	192
6	Novel 2D and 3D Indium Metal-Organic Frameworks: A Topology and Catalytic Properties. <i>Chemistry of Materials</i> , 2005, 17, 2568-2573.	6.7	189
7	An Indium Layered MOF as Recyclable Lewis Acid Catalyst. <i>Chemistry of Materials</i> , 2008, 20, 72-76.	6.7	175
8	Zinc-Zinc Bonded Zincocene Structures. Synthesis and Characterization of Zn ₂ (1,5-C ₅ Me ₅) ₂ and Zn ₂ (1,5-C ₅ Me ₄ Et) ₂ . <i>Journal of the American Chemical Society</i> , 2007, 129, 693-703.	13.7	169
9	Three-Dimensional Phthalocyanine Metal-Catecholates for High Electrochemical Carbon Dioxide Reduction. <i>Journal of the American Chemical Society</i> , 2019, 141, 17081-17085.	13.7	165
10	New Heterogenized Gold(I)-Heterocyclic Carbene Complexes as Reusable Catalysts in Hydrogenation and Cross-Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1899-1907.	4.3	156
11	A Rare-Earth MOF Series: Fascinating Structure, Efficient Light Emitters, and Promising Catalysts. <i>Crystal Growth and Design</i> , 2008, 8, 378-380.	3.0	149
12	Metal-Organic Scandium Framework: A Useful Material for Hydrogen Storage and Catalysis. <i>Chemistry of Materials</i> , 2005, 17, 5837-5842.	6.7	146
13	Controlling the Structure of Arenedisulfonates toward Catalytically Active Materials. <i>Chemistry of Materials</i> , 2009, 21, 655-661.	6.7	144
14	Tunable Catalytic Activity of Solid Solution Metal-Organic Frameworks in One-Pot Multicomponent Reactions. <i>Journal of the American Chemical Society</i> , 2015, 137, 6132-6135.	13.7	143
15	Multimetal rare earth MOFs for lighting and thermometry: tailoring color and optimal temperature range through enhanced disulfobenzoic triplet phosphorescence. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6316.	5.5	138
16	Rare Earth Arenedisulfonate Metal-Organic Frameworks: An Approach toward Polyhedral Diversity and Variety of Functional Compounds. <i>Inorganic Chemistry</i> , 2007, 46, 3475-3484.	4.0	137
17	Exchange interaction through extended molecular bridges: magnetic properties of μ -4,4'-bipyridine and μ -pyrazine copper(II) binuclear complexes and crystal structures of $(\mu$ -4,4'-bipyridine)bis[(diethylenetriamine)(perchlorato)copper(II)] perchlorate and $\text{aq}(\mu$ -4,4'-bipyridine)(diethylenetriamine)copper(II) perchlorate. <i>Inorganic Chemistry</i> , 1987, 26, 3520-3527.	4.0	128
18	Crystal Structure, Magnetic Order, and Vibrational Behavior in Iron Rare-Earth Borates. <i>Chemistry of Materials</i> , 1997, 9, 237-240.	6.7	122

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19	Reversible Breaking and Forming of Metal–Ligand Coordination Bonds: Temperature-Triggered Single-Crystal to Single-Crystal Transformation in a Metal–Organic Framework. <i>Chemistry - A European Journal</i> , 2009, 15, 4896-4905.	3.3	112
20	A Mesoporous Indium Metal–Organic Framework: Remarkable Advances in Catalytic Activity for Strecker Reaction of Ketones. <i>Journal of the American Chemical Society</i> , 2016, 138, 9089-9092.	13.7	111
21	Formation of Hydrido- η^3 -Allyl Complexes of Ir ^{III} by Sequential Olefinic C–H Bond Activation and C–C Coupling of Alkenyl and Olefin Ligands. <i>Chemistry - A European Journal</i> , 1997, 3, 860-873.	3.3	102
22	Formation of acrylic acid derivatives from the reaction of carbon dioxide with ethylene complexes of molybdenum and tungsten. <i>Journal of the American Chemical Society</i> , 1985, 107, 5529-5531.	13.7	100
23	Lanthanide Metal–Organic Frameworks: Searching for Efficient Solvent-Free Catalysts. <i>Inorganic Chemistry</i> , 2012, 51, 11349-11355.	4.0	96
24	Synthesis, Characterization, Molecular Structure and Theoretical Studies of Axially Fluoro-Substituted Subazaporphyrins. <i>Chemistry - A European Journal</i> , 2008, 14, 1342-1350.	3.3	93
25	Stereoselective preparation of mono- and bis- β -lactams by the 1,4-diaza-1,3-diene - acid chloride condensation: scope and synthetic applications. <i>Journal of Organic Chemistry</i> , 1992, 57, 5921-5931.	3.2	88
26	Group 13th metal-organic frameworks and their role in heterogeneous catalysis. <i>Coordination Chemistry Reviews</i> , 2017, 335, 1-27.	18.8	88
27	3D scandium and yttrium arenesulfonate MOF materials as highly thermally stable bifunctional heterogeneous catalysts. <i>Journal of Materials Chemistry</i> , 2009, 19, 6504.	6.7	83
28	New Chiral Molecular Tweezers with a Bis-Tröger's Base Skeleton. <i>Journal of Organic Chemistry</i> , 2001, 66, 1607-1611.	3.2	82
29	One teflon-like channelled nanoporous polymer with a chiral and new uninodal 4-connected net: sorption and catalytic properties. <i>Chemical Communications</i> , 2005, , 1291-1293.	4.1	82
30	syn-Trialkylated Truxenes: Building Blocks That Self-Associate by Arene Stacking. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 204-207.	13.8	80
31	Structure-Directing Effects in Zeolite Synthesis: A Single-Crystal X-ray Diffraction, ²⁹ Si MAS NMR, and Computational Study of the Competitive Formation of Siliceous Ferrierite and Dodecasil-3C (ZSM-39). <i>Journal of the American Chemical Society</i> , 1996, 118, 2427-2435.	13.7	79
32	Carbon dioxide chemistry. Synthesis, properties, and structural characterization of stable bis(carbon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	13.7	78
33	Double carbon-hydrogen activation at the α -carbon of cyclic ethers by Tp*Ir(C ₂ H ₄) ₂ . <i>Journal of the American Chemical Society</i> , 1992, 114, 7288-7290.	13.7	77
34	(NH ₄) ₂ Ge ₇ O ₁₅ : A Microporous Material Containing GeO ₄ and GeO ₆ Polyhedra in Nine-Rings. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 129-131.	13.8	77
35	Nickel Supermixed Valence in Stoichiometric BaNi _{0.83} O _{2.5} . <i>Journal of Solid State Chemistry</i> , 1994, 108, 230-235.	2.9	76
36	From rational octahedron design to reticulation serendipity. A thermally stable rare earth polymeric disulfonate family with CdI ₂ -like structure, bifunctional catalysis and optical properties. <i>Chemical Communications</i> , 2002, , 1366-1367.	4.1	76

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37	Studies on the reactivity of S,N-derivatives of nickel with N-donor bases. Crystal structure and magnetic properties of the cubane cluster tetrakis(μ -hydroxo)tetrakis(μ -1,3-thiazolidine-2-thionato)tetrakis(pyridine)tetranickel(II)-dipyridine. <i>Inorganic Chemistry</i> , 1992, 31, 2053-2056.	4.0	75
38	Synthesis and x-ray structure of the nickelbenzocyclopentene complex [cyclic](Me ₃ P) ₂ Ni(CH ₂ CMe ₂ -o-C ₆ H ₄). Reactivity toward simple, unsaturated molecules and the crystal and molecular structure of the cyclic carboxylate (Me ₃ P) ₂ Ni(CH ₂ CMe ₂ -o-C ₆ H ₄ C(O)O). <i>Journal of the American Chemical Society</i> , 1989, 111, 2883-2891.	13.7	73
39	From Coordinatively Weak Ability of Constituents to Very Stable Alkaline-Earth Sulfonate Metal-Organic Frameworks. <i>Crystal Growth and Design</i> , 2011, 11, 1750-1758.	3.0	73
40	Heterogeneous Catalysis with Alkaline-Earth Metal-Based MOFs: A Green Calcium Catalyst. <i>ChemCatChem</i> , 2010, 2, 147-149.	3.7	68
41	Formation of carboxylate complexes from the reactions of carbon dioxide with ethylene complexes of molybdenum and tungsten. X-ray and neutron diffraction studies. <i>Organometallics</i> , 1989, 8, 2430-2439.	2.3	66
42	A new scandium metal organic framework built up from octadecasil zeolitic cages as heterogeneous catalyst. <i>Chemical Communications</i> , 2009, , 2393.	4.1	62
43	An iridium(III) compound that thermally activates two molecules of benzene and forms a stable dinitrogen complex. <i>Journal of the American Chemical Society</i> , 1994, 116, 791-792.	13.7	61
44	Isolated Hexanuclear Hydroxo Lanthanide Secondary Building Units in a Rare-Earth Polymeric Framework Based on <i>p</i> -Sulfonatocalix[4]arene. <i>Crystal Growth and Design</i> , 2010, 10, 128-134.	3.0	61
45	Mixed lanthanide succinate-sulfate 3D MOFs: catalysts in nitroaromatic reduction reactions and emitting materials. <i>Journal of Materials Chemistry</i> , 2012, 22, 1191-1198.	6.7	61
46	Synthesis and Properties of TpMe ₂ IrH ₄ and TpMe ₂ IrH ₃ (SiEt ₃): Λ Ir(V) Polyhydride Species with C _{3v} Geometry. <i>Journal of the American Chemical Society</i> , 1999, 121, 346-354.	13.7	58
47	Evidence of low-dimensional antiferromagnetic ordering and crystal structure in the R ₂ BaNiO ₅ (R=Y,Er) oxides. <i>Physical Review B</i> , 1990, 42, 7918-7924.	3.2	57
48	Synthesis and Structure of New Oxapalladacycles with a Pd \sim O Bond. <i>Organometallics</i> , 2001, 20, 2998-3006.	2.3	56
49	The Complexity of the Complexes. A Twelve-fold Anchored Ligand in a Co(II) Hybrid Polymeric Material with Ferromagnetic Order. <i>Chemistry of Materials</i> , 2002, 14, 1879-1883.	6.7	56
50	Crystal structure and charge-transport properties of N-trimethyltriindole: Novel p-type organic semiconductor single crystals. <i>Organic Electronics</i> , 2009, 10, 643-652.	2.6	56
51	Three Lanthanum MOF Polymorphs: Insights into Kinetically and Thermodynamically Controlled Phases. <i>Inorganic Chemistry</i> , 2009, 48, 4707-4713.	4.0	56
52	A Germanium Zeotype Containing Intratunnel Transition Metal Complexes. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2436-2439.	13.8	54
53	Formation in solution, synthesis and crystal structure of $\frac{1}{4}$ -oxalatobis[bis(2-pyridylcarbonyl)amido] dicopper(II). <i>Inorganica Chimica Acta</i> , 1989, 161, 97-104.	2.4	53
54	Dynamic Calcium Metal-Organic Framework Acts as a Selective Organic Solvent Sponge. <i>Chemistry - A European Journal</i> , 2010, 16, 11632-11640.	3.3	53

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55	<i>In Situ</i> Transformation of TON Silica Zeolite into the Less Dense ITW: Structure-Direction Overcoming Framework Instability in the Synthesis of SiO ₂ Zeolites. <i>Journal of the American Chemical Society</i> , 2010, 132, 3461-3471.	13.7	53
56	Synthesis, Structure, and Reactivity of the First Enantiomerically Pure Ortho-Metalated Rhodium(II) Dimer. <i>Journal of the American Chemical Society</i> , 1999, 121, 860-861.	13.7	52
57	Indium metal-organic frameworks as catalysts in solvent-free cyanosilylation reaction. <i>CrystEngComm</i> , 2013, 15, 9562.	2.6	52
58	2D and 3D Supramolecular Structures via Hydrogen Bonds and π -Stacking Interactions in Arylsulfonates of Nickel and Cobalt. <i>Inorganic Chemistry</i> , 2006, 45, 9680-9687.	4.0	50
59	Towards Inorganic Porous Materials by Design: Looking for New Architectures. <i>Advanced Materials</i> , 2011, 23, 5283-5292.	21.0	50
60	Consecutive Insertion Reactions of Unsaturated Molecules into the Ni-C Bonds of the Nickelacycle [cyclic] (Me ₃ P) ₂ Ni(CH ₂ CHMe ₂ -o-C ₆ H ₄). Formation of Heterocycles Derived from Seven-Membered Cyclic Acid Anhydrides. <i>Organometallics</i> , 1994, 13, 1728-1745.	2.3	49
61	Vinyl C-H Bond Activation and Hydrogenation Reactions of Tp-Ir(C ₂ H ₄)(L) Complexes. <i>Inorganic Chemistry</i> , 1998, 37, 4538-4546.	4.0	49
62	Formation of alkenyl ketone complexes and of dimeric .alpha.,.beta.-butenolides by sequential insertion of phenylacetylene and carbon monoxide into nickel-acyl bonds. X-ray structures of Ni[C(Ph) = C(H)(COCH ₂ SiMe ₃)]Cl(PMe ₃) ₂ and Ni[C(Ph)(PMe ₃)C(H)(COCH ₂ CMe ₂ Ph)]Cl(PMe ₃). <i>Organometallics</i> , 1989, 8, 967-975.	2.3	48
63	Na ₄ Co ₃ (PO ₄) ₂ P ₂ O ₇ , a New Sodium Cobalt Phosphate Containing a Three-Dimensional System of Large Intersecting Tunnels. <i>Journal of Solid State Chemistry</i> , 1996, 123, 129-139.	2.9	48
64	Chiral Germanium Zeotype with Interconnected 8-, 11-, and 11-Ring Channels. Catalytic Properties. <i>Chemistry of Materials</i> , 2004, 16, 594-599.	6.7	48
65	Activation of Aldehydes by the Ir ²⁺ ,3-Dimethylbutadiene Complex TpMe ₂ Ir(CH ₂ C(Me)C(Me)CH ₂). <i>Journal of the American Chemical Society</i> , 1999, 121, 248-249.	13.7	47
66	Addressed realization of multication complex arrangements in metal-organic frameworks. <i>Science Advances</i> , 2017, 3, e1700773.	10.3	47
67	Diantimony tetraoxides revisited. <i>Inorganic Chemistry</i> , 1988, 27, 1367-1370.	4.0	46
68	Substitution and Hydrogenation Reactions on Rhodium(I)-Ethylene Complexes of the Hydrotris(pyrazolyl)borate Ligands Tp ⁺ (Tp ⁺ = Tp, TpMe ₂). <i>Inorganic Chemistry</i> , 2000, 39, 180-188.	4.0	46
69	Experimental and theoretical characterization of the Zn ²⁺ Zn bond in [Zn ₂ (μ -C ₅ Me ₅) ₂]. <i>Acta Crystallographica Section B: Structural Science</i> , 2007, 63, 862-868.	1.8	46
70	Synthesis of [cyclic]-(Me ₃ P) ₂ Ni(CH ₂ CMe ₂ -o-C ₆ H ₄) and its reactivity toward carbon dioxide, carbon monoxide and formaldehyde. First observation of a carbonyl-carbonate oxidative conproportionation mediated by a transition-metal complex. <i>Journal of the American Chemical Society</i> , 1986, 108, 6424-6425.	13.7	45
71	Tetracyanoquinodimethane Derivatives of Macrocyclic Nickel(II) Complexes. Synthesis and Crystal Structure of Bis(7,7,8,8-tetracyanoquinodimethanido)(1,8-bis(2-hydroxyethyl)-1,3,6,8,10,13-hexaazacyclotetradecane)nickel(II). <i>Inorganic Chemistry</i> , 1994, 33, 2142-2146.	4.0	45
72	C-H Bond Activation of Thiophenes by Ir Complexes of the Hydrotris(3,5-dimethylpyrazolyl)borate Ligand, TpMe ₂ . <i>Organometallics</i> , 1999, 18, 139-149.	2.3	45

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73	Insight into the Correlation between Net Topology and Ligand Coordination Mode in New Lanthanide MOFs Heterogeneous Catalysts: A Theoretical and Experimental Approach. <i>Crystal Growth and Design</i> , 2012, 12, 5535-5545.	3.0	45
74	A Redox-Active C ₃ -Symmetric Triindole-Based Triazacyclophane. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4491-4494.	13.8	44
75	Photoluminescence, Unconventional Range Temperature Sensing, and Efficient Catalytic Activities of Lanthanide Metal-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1577-1588.	2.0	44
76	Synthesis and magnetic properties of bis(1,4-hydroxo)bis[(2,2'-bipyridyl)copper(II)] squarate. Crystal structure of bis(1,4-hydroxo)bis[(2,2'-bipyridyl)copper(II)] squarate tetrahydrate. <i>Inorganica Chimica Acta</i> , 1990, 170, 251-257.	2.4	43
77	3-[4-Phenoxyphenyl]pyrazole (Hpzpp) and 3-[4-butoxyphenyl]pyrazole (Hpzbp) in rhodium chemistry crystal structures of 3-[4-phenoxyphenyl]pyrazole, and [Rh(1,4-pzbp)(COD)] ₂ . <i>Journal of Organometallic Chemistry</i> , 1997, 534, 159-172.	1.8	42
78	H ₃ O ²⁺ Bridging Ligand in a Metal-Organic Framework. Insight into the Aqua-Hydroxo-Hydroxyl Equilibrium: A Combined Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2013, 135, 5782-5792.	13.7	42
79	Untangling the Mechanochromic Properties of Benzothiadiazole-Based Luminescent Polymorphs through Supramolecular Organic Framework Topology. <i>Journal of the American Chemical Society</i> , 2020, 142, 17147-17155.	13.7	42
80	C ₄ C ₄ -Bis-1,2-lactam to Fused Bis-1,3-lactam Rearrangement. <i>Journal of Organic Chemistry</i> , 1996, 61, 9156-9163.	3.2	40
81	Cyclometallated complexes of Pd(II) and Pt(II) with 2-phenylimidazoline. <i>Journal of Organometallic Chemistry</i> , 1996, 506, 149-154.	1.8	40
82	Denticity Changes of Hydrotris(pyrazolyl)borate Ligands in RhI and RhIII Compounds: From 3- to Ionic. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 218-221.	13.8	40
83	A germanium zeotype with a three-dimensional net of interconnected 14-, 12- and 12-ring channels. <i>Ge₁₃O₂₆(OH)₄[C₆N₂H₁₆]₂(H₂O)_{1.5}</i> . <i>Chemical Communications</i> , 2004, , 2868-2869.	4.1	40
84	Sr ₉ Ni ₆ .64O ₂₁ : A New Member (n = 2) of the Perovskite-Related A _{3n+3} An ₂ B _{3+n} O _{9+6n} Family. <i>Journal of Solid State Chemistry</i> , 1996, 126, 27-32.	2.9	39
85	Synthesis and Characterization of (2,4,6-Trimethylphenylimido)molybdenum Complexes. X-ray Crystal Structures of (LOEt)Mo(Nmes) ₂ Cl, (LOEt)Mo(Nmes)Cl ₂ , and MoCl ₃ (Nmes)(depe) (mes =) <i>TJ ETQq1 1 0.784314 rgBT /Overlock 10 Tf</i> 1997, 36, 2379-2385.	4.0	39
86	Synthetic, Reactivity, and Structural Studies on Half-Sandwich (1,5-C ₅ Me ₅)Be and Related Compounds: Halide, Alkyl, and Iminoacyl Derivatives. <i>Chemistry - A European Journal</i> , 2003, 9, 4462-4471.	3.3	39
87	Ge ₈ O ₁₆ [(OH) ⁺ (MeNH ₃)+(MeNH ₂)]: one OH-templated germanium zeotype. <i>Chemical Communications</i> , 2000, , 2145-2146.	4.1	38
88	Three-Center, Two-Electron M-A-H-B Bonds in Complexes of Ni, Co, and Fe and the Dihydrobis(3-tert-butylpyrazolyl)borate Ligand. <i>Inorganic Chemistry</i> , 2002, 41, 425-428.	4.0	38
89	Self-Assembly of C ₃ -Symmetrical Hexaaryltriindoles Driven by Solvophobic and CH-π Interactions. <i>Journal of Organic Chemistry</i> , 2010, 75, 1070-1076.	3.2	38
90	Synthesis of 1,2-Diene Complexes of Iridium(III) by the Reaction of 1,4-Diene Iridium(I) Species with Lewis Bases. <i>Organometallics</i> , 2000, 19, 3120-3126.	2.3	37

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91	Synthesis, Solid-State Structure, and Bonding Analysis of the Beryllocenes [Be(C5Me4H)2], [Be(C5Me5)2], and [Be(C5Me5)(C5Me4H)]. <i>Chemistry - A European Journal</i> , 2003, 9, 4452-4461.	3.3	37
92	Enhancing Metal-Organic Framework Net Robustness by Successive Linker Coordination Increase: From a Hydrogen-Bonded Two-Dimensional Supramolecular Net to a Covalent One Keeping the Topology. <i>Crystal Growth and Design</i> , 2014, 14, 5227-5233.	3.0	36
93	Synthesis and properties of nitrosyl complexes of molybdenum and tungsten containing halide and trimethylphosphine ligands. Crystal and molecular structures of MoCl3(NO)(PMe3)3 and MoCl(NO)(S2CPMe3-S,S',C)(PMe3)2. <i>Inorganic Chemistry</i> , 1989, 28, 2120-2127.	4.0	35
94	Kinetics and Mechanism of the Reductive Elimination of Cyclic Titanocene Iminoacyls. <i>Organometallics</i> , 1995, 14, 2039-2046.	2.3	35
95	Synthesis and molecular structure of heterocyclic Tröger's bases derived from C-amino heterocycles. <i>Tetrahedron</i> , 1997, 53, 2233-2240.	1.9	35
96	Efficient Rare-Earth-Based Coordination Polymers as Green Photocatalysts for the Synthesis of Imines at Room Temperature. <i>Inorganic Chemistry</i> , 2018, 57, 6883-6892.	4.0	35
97	Synthesis and X-ray crystal structure of [Mo(CO)2(PMe3)3(CNPri)]: the first structurally characterized bis(carbon dioxide) adduct of a transition metal. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 1326-1327.	2.0	34
98	Reaction of diruthenium(II,III) acetate with triphenylphosphine. <i>Polyhedron</i> , 1991, 10, 113-120.	2.2	34
99	Lanthanide, Y and Sc MOFs: where amazing crystal structures meet outstanding material properties. <i>CrystEngComm</i> , 2011, 13, 5031.	2.6	34
100	Synchronizing Substrate Activation Rates in Multicomponent Reactions with Metal-Organic Framework Catalysts. <i>Chemistry - A European Journal</i> , 2016, 22, 6654-6665.	3.3	34
101	Syntheses of some transition-metal complexes containing the tripodal ligand HB(PriMeC3N2H)3 and the X-ray crystal structure of [Mo(No)-{HB(3-Pri-5-MeC3N2H)3}(OEt)2]. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 3577.	1.1	33
102	VM9O25 (M = Nb, Ta), a Combination of Tetrahedral VO4 and Octahedral MO6 Units. <i>Journal of Solid State Chemistry</i> , 1993, 102, 261-266.	2.9	33
103	Step-by-Step Uncoordination of the Pyrazolyl Rings of Hydrotris(pyrazolyl)borate Ligands in Complexes of RhI and RhIII. <i>Chemistry - A European Journal</i> , 2001, 7, 3868-3879.	3.3	33
104	Synthesis and Reactivity of [Ir(C2H4)2TpMe2]PF6 (TpMe2 = Tris(3,5-dimethylpyrazolyl)methane): Comparison with the Analogous TpMe2 Derivatives (TpMe2 = Hydrotris(3,5-dimethylpyrazolyl)borate). <i>Organometallics</i> , 2002, 21, 93-104.	2.3	33
105	Synthesis, Structure, and Catalytic Properties of Rare-Earth Ternary Sulfates. <i>Chemistry of Materials</i> , 2005, 17, 2701-2706.	6.7	33
106	Ligand dependent topology changes in six zinc coordination polymers. <i>CrystEngComm</i> , 2010, 12, 711-719.	2.6	33
107	Structure-Directing and Template Roles of Aromatic Molecules in the Self-Assembly Formation Process of 3D Holmium Succinate MOFs. <i>Inorganic Chemistry</i> , 2011, 50, 5958-5968.	4.0	33
108	Crystal structure of triphenyltin fluoride. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 1069-1071.	1.1	32

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109	Preparation of .alpha.-Methylene and .alpha.-Ethylidene .beta.-Lactams via the Ester Enolate-Imine Condensation Using .beta.-(Dialkylamino) Esters as Starting Materials: Scope and Synthetic Applications. <i>Journal of Organic Chemistry</i> , 1994, 59, 7994-8002.	3.2	32
110	Encoding Metalâ€“Cation Arrangements in Metalâ€“Organic Frameworks for Programming the Composition of Electrocatalytically Active Multimetal Oxides. <i>Journal of the American Chemical Society</i> , 2019, 141, 1766-1774.	13.7	32
111	Alternation of [Ge5O11H]âˆ“ Inorganic Sheets and Dabconium Cations in a Novel Layered Germanate:â€“ Catalytic Properties. <i>Chemistry of Materials</i> , 2002, 14, 677-681.	6.7	31
112	Thermodynamic and Kinetic Control on the Formation of Two Novel Metal-Organic Frameworks Based on the Er(III) Ion and the Asymmetric Dimethylsuccinate Ligand. <i>Inorganic Chemistry</i> , 2010, 49, 5063-5071.	4.0	30
113	Synthesis and Structural Characterization of Stable Hydrideâˆ“Alkylidene Complexes of Iridium(III). <i>Organometallics</i> , 1998, 17, 4124-4126.	2.3	29
114	Stable organic radical stacked by in situ coordination to rare earth cations in MOF materials. <i>RSC Advances</i> , 2012, 2, 949-955.	3.6	29
115	Toward understanding the structureâ€“catalyst activity relationship of new indium MOFs as catalysts for solvent-free ketone cyanosilylation. <i>RSC Advances</i> , 2015, 5, 7058-7065.	3.6	29
116	Organometallic derivatives of Ni(II) with poly(pyrazolyl)borate ligands. <i>Journal of Organometallic Chemistry</i> , 1998, 551, 215-227.	1.8	28
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