

Linda J W Shimon

List of Publications by Year in descending order

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274
papers

15,395
citations

17440

63
h-index

24254

110
g-index

290
all docs

290
docs citations

290
times ranked

13037
citing authors

#	ARTICLE	IF	CITATIONS
1	Coexistence of 1 st and 2 nd inclusion complexes of indigo carmine. <i>Chemical Communications</i> , 2022, 58, 3461-3464.	4.1	5
2	Guest Molecule-Mediated Energy Harvesting in a Conformationally Sensitive Peptide-Metal Organic Framework. <i>Journal of the American Chemical Society</i> , 2022, 144, 3468-3476.	13.7	49
3	Co-Assembly Induced Solid-State Stacking Transformation in Amino Acid-Based Crystals with Enhanced Physical Properties. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	23
4	Single amino acid bionanozyme for environmental remediation. <i>Nature Communications</i> , 2022, 13, 1505.	12.8	66
5	Co-Assembly Induced Solid-State Stacking Transformation in Amino Acid-Based Crystals with Enhanced Physical Properties. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
6	Atomic insight into short helical peptide comprised of consecutive multiple aromatic residues. <i>Chemical Communications</i> , 2022, 58, 6445-6448.	4.1	2
7	Directing the Morphology, Packing, and Properties of Chiral Metal-Organic Frameworks by Cation Exchange**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	8
8	Iron-catalysed ring-opening metathesis polymerization of olefins and mechanistic studies. <i>Nature Catalysis</i> , 2022, 5, 494-502.	34.4	19
9	Ternary host-guest complexes with rapid exchange kinetics and photoswitchable fluorescence. <i>Chem</i> , 2022, 8, 2362-2379.	11.7	15
10	Modulation of physical properties of organic cocrystals by amino acid chirality. <i>Materials Today</i> , 2021, 42, 29-40.	14.2	25
11	Homogeneous Reforming of Aqueous Ethylene Glycol to Glycolic Acid and Pure Hydrogen Catalyzed by Pincer-Ruthenium Complexes Capable of Metal-Ligand Cooperation. <i>Chemistry - A European Journal</i> , 2021, 27, 4715-4722.	3.3	22
12	Molecular cannibalism: Sacrificial materials as precursors for hollow and multidomain single crystals. <i>Nature Communications</i> , 2021, 12, 957.	12.8	15
13	Hydroboration of Nitriles, Esters, and Carbonates Catalyzed by Simple Earth-Abundant Metal Triflate Salts. <i>Chemistry - an Asian Journal</i> , 2021, 16, 999-1006.	3.3	30
14	Solid-state packing dictates the unexpected solubility of aromatic peptides. <i>Cell Reports Physical Science</i> , 2021, 2, 100391.	5.6	10
15	Molecular engineering of piezoelectricity in collagen-mimicking peptide assemblies. <i>Nature Communications</i> , 2021, 12, 2634.	12.8	68
16	Autocatalytic and oscillatory reaction networks that form guanidines and products of their cyclization. <i>Nature Communications</i> , 2021, 12, 2994.	12.8	13
17	Self-Assembled Peptide Nano-Superstructure towards Enzyme Mimicking Hydrolysis. <i>Angewandte Chemie</i> , 2021, 133, 17301-17307.	2.0	12
18	Self-Assembled Peptide Nano-Superstructure towards Enzyme Mimicking Hydrolysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17164-17170.	13.8	69

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19	Unusual Surface Texture, Dimensions and Morphology Variations of Chiral and Single Crystals**. <i>Angewandte Chemie</i> , 2021, 133, 18404-18412.	2.0	5
20	Unusual Surface Texture, Dimensions and Morphology Variations of Chiral and Single Crystals**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18256-18264.	13.8	8
21	Modification of a Single Atom Affects the Physical Properties of Double Fluorinated Fmoc-Phe Derivatives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9634.	4.1	9
22	Noncovalent Bonding Caught in Action: From Amorphous to Cocrystalline Molecular Thin Films. <i>ACS Nano</i> , 2021, 15, 14643-14652.	14.6	2
23	Pathway-Dependent Coordination Networks: Crystals versus Films. <i>Journal of the American Chemical Society</i> , 2021, 143, 16913-16918.	13.7	2
24	Ring Size Determines the Conformation, Global Aromaticity and Photophysical Properties of Macrocyclic Oligofurans. <i>Chemistry - A European Journal</i> , 2021, 27, 17794-17801.	3.3	7
25	Redox Noninnocent Nature of Acridine-Based Pincer Complexes of 3d Metals and C-C Bond Formation. <i>Organometallics</i> , 2020, 39, 279-285.	2.3	22
26	Accelerated charge transfer in water-layered peptide assemblies. <i>Energy and Environmental Science</i> , 2020, 13, 96-101.	30.8	39
27	Long-Range Spin-Selective Transport in Chiral Metal-Organic Crystals with Temperature-Activated Magnetization. <i>ACS Nano</i> , 2020, 14, 16624-16633.	14.6	51
28	Modulating the Optical Properties of BODIPY Dyes by Noncovalent Dimerization within a Flexible Coordination Cage. <i>Journal of the American Chemical Society</i> , 2020, 142, 17721-17729.	13.7	57
29	Metal-Ligand Cooperation Facilitates Bond Activation and Catalytic Hydrogenation with Zinc Pincer Complexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 14513-14521.	13.7	41
30	Collagen-Inspired Helical Peptide Coassembly Forms a Rigid Hydrogel with Twisted Polyproline II Architecture. <i>ACS Nano</i> , 2020, 14, 9990-10000.	14.6	25
31	Tunable Mechanical and Optoelectronic Properties of Organic Cocrystals by Unexpected Stacking Transformation from H- to J- and X-Aggregation. <i>ACS Nano</i> , 2020, 14, 10704-10715.	14.6	61
32	Bioinspired Suprahelical Frameworks as Scaffolds for Artificial Photosynthesis. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 45192-45201.	8.0	7
33	Facile H/D Exchange at (Hetero)Aromatic Hydrocarbons Catalyzed by a Stable Trans-Dihydride N-Heterocyclic Carbene (NHC) Iron Complex. <i>Journal of the American Chemical Society</i> , 2020, 142, 17131-17139.	13.7	33
34	Chiral and SHG-Active Metal-Organic Frameworks Formed in Solution and on Surfaces: Uniformity, Morphology Control, Oriented Growth, and Postassembly Functionalization. <i>Journal of the American Chemical Society</i> , 2020, 142, 14210-14221.	13.7	34
35	Self-Assembly of Aromatic Amino Acid Enantiomers into Supramolecular Materials of High Rigidity. <i>ACS Nano</i> , 2020, 14, 1694-1706.	14.6	86
36	Emergence of chirality and structural complexity in single crystals at the molecular and morphological levels. <i>Nature Communications</i> , 2020, 11, 380.	12.8	40

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37	High-Efficiency Fluorescence through Bioinspired Supramolecular Self-Assembly. ACS Nano, 2020, 14, 2798-2807.	14.6	49
38	Diphenylalanine-Derivative Peptide Assemblies with Increased Aromaticity Exhibit Metal-like Rigidity and High Piezoelectricity. ACS Nano, 2020, 14, 7025-7037.	14.6	59
39	Easier to Twist than Bend: The Scope of the Bridge Formation Approach to Naphthalenophane Synthesis. Organic Materials, 2020, 02, 323-329.	2.0	1
40	Reversible Temperature Dependent Dimerization of Transition Metal Substituted Quasi Wells-Dawson Polyfluoroxometalates. European Journal of Inorganic Chemistry, 2019, 2019, 482-485.	2.0	2
41	Modular Molecular Nanoplastics. ACS Nano, 2019, 13, 11097-11106.	14.6	8
42	A macrocyclic oligofuran: synthesis, solid state structure and electronic properties. Chemical Science, 2019, 10, 8527-8532.	7.4	22
43	Positive shift in corrole redox potentials leveraged by modest $\text{I}^2\text{-CF}_3$ -substitution helps achieve efficient photocatalytic C-H bond functionalization by group 13 complexes. Dalton Transactions, 2019, 48, 12279-12286.	3.3	24
44	Coassembly of Complementary Peptide Nucleic Acid into Crystalline Structures by Microfluidics. Small Methods, 2019, 3, 1900179.	8.6	5
45	Functional Coiled-Coil-like Assembly by Knob-into-Hole Packing of Single Heptad Repeat. ACS Nano, 2019, 13, 12630-12637.	14.6	5
46	CO_2 activation by manganese pincer complexes through different modes of metal-ligand cooperation. Dalton Transactions, 2019, 48, 14580-14584.	3.3	53
47	Superstructured metallocorroles for electrochemical CO_2 reduction. Chemical Communications, 2019, 55, 11912-11915.	4.1	16
48	A Nanoscopic View of Photoinduced Charge Transfer in Organic Nanocrystalline Heterojunctions. Journal of Physical Chemistry C, 2019, 123, 25031-25041.	3.1	2
49	Non-proteinaceous hydrolase comprised of a phenylalanine metallo-supramolecular amyloid-like structure. Nature Catalysis, 2019, 2, 977-985.	34.4	142
50	Bioinspired Stable and Photoluminescent Assemblies for Power Generation. Advanced Materials, 2019, 31, e1807481.	21.0	82
51	Aminomethylene-Phosphonate Analogue as a Cu(II) Chelator: Characterization and Application as an Inhibitor of Oxidation Induced by the Cu(II)-Prion Peptide Complex. Inorganic Chemistry, 2019, 58, 8995-9003.	4.0	1
52	Maximizing Property Tuning of Phosphorus Corrole Photocatalysts through a Trifluoromethylation Approach. Inorganic Chemistry, 2019, 58, 6184-6198.	4.0	27
53	Stable and optoelectronic dipeptide assemblies for power harvesting. Materials Today, 2019, 30, 10-16.	14.2	62
54	Perfluorophenyl-Bifuran: A Stable and Fluorescent Material Exhibiting Mechanofluorochromic Behavior. Helvetica Chimica Acta, 2019, 102, e1900027.	1.6	5

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55	Aerobic oxygenation catalyzed by first row transition metal complexes coordinated by tetradentate mono-carbon bridged bis-phenanthroline ligands: intra- <i>versus</i> intermolecular carbon-hydrogen bond activation. Dalton Transactions, 2019, 48, 6396-6407.	3.3	3
56	Rigid helical-like assemblies from a self-aggregating tripeptide. Nature Materials, 2019, 18, 503-509.	27.5	133
57	Mechanically rigid supramolecular assemblies formed from an Fmoc-guanine conjugated peptide nucleic acid. Nature Communications, 2019, 10, 5256.	12.8	24
58	Transition of Metastable Cross- β Crystals into Cross- β Fibrils by β -Turn Flipping. Journal of the American Chemical Society, 2019, 141, 363-369.	13.7	22
59	Reversible chromism of spiropyran in the cavity of a flexible coordination cage. Nature Communications, 2018, 9, 641.	12.8	148
60	Directed Molecular Structure Variations of Three-Dimensional Halogen-Bonded Organic Frameworks (XBOFs). Crystal Growth and Design, 2018, 18, 1967-1977.	3.0	26
61	Reversible photoswitching of encapsulated azobenzenes in water. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9379-9384.	7.1	110
62	Bioinspired Flexible and Tough Layered Peptide Crystals. Advanced Materials, 2018, 30, 1704551.	21.0	28
63	Singlet fission in self-assembled PDI nanocrystals. Nanoscale, 2018, 10, 20147-20154.	5.6	36
64	Opal-like Multicolor Appearance of Self-Assembled Photonic Array. ACS Applied Materials & Interfaces, 2018, 10, 20783-20789.	8.0	17
65	CO Oxidation by N_2O Homogeneously Catalyzed by Ruthenium Hydride Pincer Complexes Indicating a New Mechanism. Journal of the American Chemical Society, 2018, 140, 7061-7064.	13.7	52
66	Sorting of Molecular Building Blocks from Solution to Surface. Journal of the American Chemical Society, 2018, 140, 8162-8171.	13.7	10
67	Metal-Coordination-Induced Fusion Creates Hollow Crystalline Molecular Superstructures. Journal of the American Chemical Society, 2018, 140, 9132-9139.	13.7	21
68	Crystallization of Organic Molecules: Nonclassical Mechanism Revealed by Direct Imaging. ACS Central Science, 2018, 4, 1031-1036.	11.3	88
69	Helically Locked Tethered Twistacenes. Journal of the American Chemical Society, 2018, 140, 8086-8090.	13.7	64
70	A minimal length rigid helical peptide motif allows rational design of modular surfactants. Nature Communications, 2017, 8, 14018.	12.8	49
71	A Two-tailed Phosphopeptide Crystallizes to Form a Lamellar Structure. Angewandte Chemie - International Edition, 2017, 56, 3252-3255.	13.8	10
72	Strong Electro-optic Effect and Spontaneous Domain Formation in Self-Assembled Peptide Structures. Advanced Science, 2017, 4, 1700052.	11.2	19

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73	Formation of Alkanes by Aerobic Carbon–Carbon Bond Coupling Reactions Catalyzed by a Phosphovanadomolybdic Acid. <i>ACS Catalysis</i> , 2017, 7, 2725-2729.	11.2	9
74	Structural Analysis of Magnesium Chloride Complexes in Dimethoxyethane Solutions in the Context of Mg Batteries Research. <i>Journal of Physical Chemistry C</i> , 2017, 121, 24909-24918.	3.1	93
75	Hydrogen–Atom Transfer Oxidation with H ₂ O ₂ Catalyzed by		

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91	Reversible Aromaticity Transfer in a Bora-Cycle: Boron-Ligand Cooperation. <i>Journal of the American Chemical Society</i> , 2016, 138, 13307-13313.	13.7	30
92	Formation of bacterial pilus-like nanofibres by designed minimalistic self-assembling peptides. <i>Nature Communications</i> , 2016, 7, 13482.	12.8	27
93	Molecular Engineering of Self-Assembling Diphenylalanine Analogues Results in the Formation of Distinctive Microstructures. <i>Chemistry of Materials</i> , 2016, 28, 4341-4348.	6.7	27
94	Regioselective (Cross-)Dimerization of Terminal Alkynes Catalyzed by an Iron Complex. <i>Angewandte Chemie</i> , 2016, 128, 7056-7059.	2.0	28
95	Manganese-Catalyzed Environmentally Benign Dehydrogenative Coupling of Alcohols and Amines to Form Aldimines and H ₂ : A Catalytic and Mechanistic Study. <i>Journal of the American Chemical Society</i> , 2016, 138, 4298-4301.	13.7	410
96	Coordination Chemistry of N-Heterocyclic Nitrenium-Based Ligands. <i>Chemistry - A European Journal</i> , 2015, 21, 6969-6969.	3.3	0
97	Cobalt-Catalyzed Hydrogenation of Esters to Alcohols: Unexpected Reactivity Trend Indicates Ester Enolate Intermediacy. <i>Angewandte Chemie</i> , 2015, 127, 12534-12537.	2.0	56
98	Mechanistic Aspects of Aryl-Halide Oxidative Addition, Coordination Chemistry, and Ring-Walking by Palladium. <i>Chemistry - A European Journal</i> , 2015, 21, 16113-16125.	3.3	11
99	Solid-State Crystal-to-Crystal Phase Transitions and Reversible Structure-Temperature Behavior of Phosphovanadomolybdic Acid, H ₅ PV ₂ Mo ₁₀ O ₄₀ . <i>Inorganic Chemistry</i> , 2015, 54, 628-634.	4.0	30
100	Design concept for $\hat{\pm}$ -hydrogen-substituted nitroxides. <i>Nature Communications</i> , 2015, 6, 6070.	12.8	26
101	Light-emitting self-assembled peptide nucleic acids exhibit both stacking interactions and Watson-Crick base pairing. <i>Nature Nanotechnology</i> , 2015, 10, 353-360.	31.5	136
102	Standalone cohesin as a molecular shuttle in cellulosome assembly. <i>FEBS Letters</i> , 2015, 589, 1569-1576.	2.8	14
103	Cobalt-Catalyzed Hydrogenation of Esters to Alcohols: Unexpected Reactivity Trend Indicates Ester Enolate Intermediacy. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12357-12360.	13.8	166
104	How Innocent are Potentially Redox Non-Innocent Ligands? Electronic Structure and Metal Oxidation States in Iron-PNN Complexes as a Representative Case Study. <i>Inorganic Chemistry</i> , 2015, 54, 4909-4926.	4.0	76
105	Coordination Chemistry of N-Heterocyclic Nitrenium-Based Ligands. <i>Chemistry - A European Journal</i> , 2015, 21, 7099-7110.	3.3	45
106	Crystal structure of disodium 2-amino-6-oxo-6,7-dihydro-1 <i>H</i> -purine-1,7-diide heptahydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 281-283.	0.5	3
107	Synthesis and stability of cyclic $\hat{\pm}$ -hydrogen nitroxides. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10726-10733.	2.8	14
108	Finding the Perfect Match: Halogen vs Hydrogen Bonding. <i>Crystal Growth and Design</i> , 2015, 15, 4756-4759.	3.0	25

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109	Novel crown-etherâ€“methylenediphosphonotetrathioate hybrids as Zn(σ -diimine) chelators. Dalton Transactions, 2015, 44, 21073-21080.	3.3	0
110	Reassembly and co-crystallization of a family 9 processive endoglucanase from its component parts: structural and functional significance of the intermodular linker. PeerJ, 2015, 3, e1126.	2.0	29
111	System with Potential Dual Modes of Metalâ€“Ligand Cooperation: Highly Catalytically Active Pyridineâ€“Based PNNHâ€“Ru Pincer Complexes. Chemistry - A European Journal, 2014, 20, 15727-15731.	3.3	114
112	Structural characterization of a novel autonomous cohesin from <i>Ruminococcus flavefaciens</i> . Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 450-456.	0.8	3
113	Felix Frolov (1947â€“2014). Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 1443-1444.	0.8	0
114	Highly Coplanar Very Long Oligo(alkylfuran)s: A Conjugated System with Specific Head-To-Head Defect. Journal of the American Chemical Society, 2014, 136, 2592-2601.	13.7	67
115	Dicobalt- μ_4 -oxo Polyoxometalate Compound, $[(\mu_2\text{-P}_2\text{W}_{17}\text{O}_{61}\text{Co})_2\text{O}]^{14-}$: A Potent Species for Water Oxidation, Câ€“H Bond Activation, and Oxygen Transfer. Inorganic Chemistry, 2014, 53, 1779-1787.	4.0	30
116	Cationâ€“cation bonding in nitrogen metal complexes. Chemical Science, 2014, 5, 1305.	7.4	44
117	Fine-structural variance of family 3 carbohydrate-binding modules as extracellular biomass-sensing components of <i>Clostridium thermocellum</i> anti- λ factors. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 522-534.	2.5	26
118	Novel Cu(I)-Selective Chelators Based on a Bis(phosphorothioyl)amide Scaffold. Inorganic Chemistry, 2014, 53, 7901-7908.	4.0	3
119	Os(VI)O ₂ /K Metalâ€“Organic Frameworks: Infinite Chain, Grid, and Porous Networks. Crystal Growth and Design, 2014, 14, 2703-2708.	3.0	0
120	Câ€“H Bond Cleavage via Metalâ€“Ligand Cooperation by Dearomatized Ruthenium Pincer Complexes. Organometallics, 2014, 33, 3716-3726.	2.3	48
121	Asymmetric Bis(formamidinate) Group 4 Complexes: Synthesis, Structure and Their Reactivity in the Polymerization of μ -Olefins. Organometallics, 2014, 33, 3119-3136.	2.3	27
122	Direct Observation of Reductive Elimination of MeX (X = Cl, Br, I) from Rh ^{III} Complexes: Mechanistic Insight and the Importance of Sterics. Journal of the American Chemical Society, 2013, 135, 11040-11047.	13.7	48
123	Synthesis, Structures, and Dearomatization by Deprotonation of Iron Complexes Featuring Bipyridine-based PNN Pincer Ligands. Inorganic Chemistry, 2013, 52, 9636-9649.	4.0	53
124	Synthesis and Structure of Group 4 Symmetric Amidinate Complexes and Their Reactivity in the Polymerization of μ -Olefins. Organometallics, 2013, 32, 6337-6352.	2.3	47
125	Activation of Nitriles by Metal Ligand Cooperation. Reversible Formation of Ketimido- and Enamido-Rhenium PNP Pincer Complexes and Relevance to Catalytic Design. Journal of the American Chemical Society, 2013, 135, 17004-17018.	13.7	110
126	Ru(0) and Ru(II) Nitrosyl Pincer Complexes: Structure, Reactivity, and Catalytic Activity. Inorganic Chemistry, 2013, 52, 11469-11479.	4.0	29

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127	Stabilization of unique valencies of cobalt, nickel and copper by complexation with the tridentate ligand 2-(2-pyridyl)-8-hydroxyquinoline. <i>Polyhedron</i> , 2013, 64, 365-370.	2.2	11
128	Atypical Cohesin-Dockerin Complex Responsible for Cell Surface Attachment of Cellulosomal Components. <i>Journal of Biological Chemistry</i> , 2013, 288, 16827-16838.	3.4	38
129	O^2 -Diester Methylenebisphosphonotetrathioate: Synthesis, Characterization, and Potential Applications. <i>Journal of Organic Chemistry</i> , 2013, 78, 270-277.	3.2	11
130	Anionic Nickel(II) Complexes with Doubly Deprotonated PNP Pincer-Type Ligands and Their Reactivity toward CO_2 . <i>Organometallics</i> , 2013, 32, 300-308.	2.3	79
131	Stepwise Metal-Ligand Cooperation by a Reversible Aromatization/Deconjugation Sequence in Ruthenium Complexes with a Tetradentate Phenanthroline-Based Ligand. <i>Chemistry - A European Journal</i> , 2013, 19, 3407-3414.	3.3	49
132	Study of a bifuran vs. bithiophene unit for the rational design of π -conjugated systems. What have we learned?. <i>Chemical Communications</i> , 2013, 49, 6256.	4.1	71
133	Structure of a family 3a carbohydrate-binding module from the cellulosomal scaffoldin CipA of <i>Clostridium thermocellum</i> with flanking linkers: implications for cellulosome structure. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 733-737.	0.7	23
134	Oligofuran-containing molecules for organic electronics. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4358.	5.5	77
135	PNN Ruthenium Pincer Complexes Based on Phosphinated 2,2-Dipyridinemethane and 2,2-Oxobispyridine. Metal-Ligand Cooperation in Cyclometalation and Catalysis. <i>Organometallics</i> , 2013, 32, 2973-2982.	2.3	40
136	Hexagonal Supramolecular Assemblies Based on a RuII(DMSO) ₃ - or OsII(DMSO) ₃ -Capped {HW9O ₃₃ } Isopolyanion with Potassium Cations as Linkers. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1649-1653.	2.0	4
137	Crystal Structure of an Uncommon Cellulosome-Related Protein Module from <i>Ruminococcus flavefaciens</i> That Resembles Papain-Like Cysteine Peptidases. <i>PLoS ONE</i> , 2013, 8, e56138.	2.5	19
138	Crystallization and preliminary X-ray characterization of a type III cohesin-dockerin complex from the cellulosome system of <i>Ruminococcus flavefaciens</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 1116-1119.	0.7	4
139	PNS-Type Ruthenium Pincer Complexes. <i>Organometallics</i> , 2012, 31, 6207-6214.	2.3	45
140	N-H Activation by Rh(I) via Metal-Ligand Cooperation. <i>Organometallics</i> , 2012, 31, 4083-4101.	2.3	83
141	Structure of CBM3b of the major cellulosomal scaffoldin subunit ScaA from <i>Acetivibrio cellulolyticus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 8-13.	0.7	11
142	Reactivity of Long Conjugated Systems: Selectivity of Diels-Alder Cycloaddition in Oligofurans. <i>Organic Letters</i> , 2012, 14, 502-505.	4.6	35
143	A single mutation reforms the binding activity of an adhesion-deficient family 3 carbohydrate-binding module. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 819-828.	2.5	16
144	Photocatalytic Splitting of CS_2 to S_8 and a Carbon-Sulfur Polymer Catalyzed by a Bimetallic Ruthenium(II) Compound with a Tertiary Amine Binding Site: Toward Photocatalytic Splitting of CO_2 ?. <i>Inorganic Chemistry</i> , 2011, 50, 11273-11275.	4.0	10

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145	Efficient hydrogenation of organic carbonates, carbamates and formates indicates alternative routes to methanol based on CO ₂ and CO. <i>Nature Chemistry</i> , 2011, 3, 609-614.	13.6	563
146	Aliphatic and aromatic C-H activation of benzo[h]quinolines by Rh(I). Unique precursor dependent formation of mono-, di- and trinuclear complexes. <i>Inorganica Chimica Acta</i> , 2011, 369, 260-269.	2.4	4
147	Scaffoldin-borne family 3b carbohydrate-binding module from the cellulosome of <i>Bacteroides cellulosolvens</i> : structural diversity and significance of calcium for carbohydrate binding. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 506-515.	2.5	18
148	Noncellulosomal cohesin from the hyperthermophilic archaeon <i>Archaeoglobus fulgidus</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 50-60.	2.6	6
149	Low-Pressure Hydrogenation of Carbon Dioxide Catalyzed by an Iron Pincer Complex Exhibiting Noble Metal Activity. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9948-9952.	13.8	479
150	Effect of CO on the Oxidative Addition of Arene C-H Bonds by Cationic Rhodium Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 328-353.	3.3	49
151	Structure of a family 3b ² carbohydrate-binding module from the Cel9V glycoside hydrolase from <i>Clostridium thermocellum</i> : structural diversity and implications for carbohydrate binding. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2010, 66, 33-43.	2.5	18
152	N-H Activation of Amines and Ammonia by Ru via Metal-Ligand Cooperation. <i>Journal of the American Chemical Society</i> , 2010, 132, 8542-8543.	13.7	214
153	Cationic, Neutral, and Anionic PNP Pd ^{II} and Pt ^{II} Complexes: Dearomatization by Deprotonation and Double-Deprotonation of Pincer Systems. <i>Inorganic Chemistry</i> , 2010, 49, 1615-1625.	4.0	78
154	Long-Range Metal-Ligand Cooperation in H ₂ Activation and Ammonia-Promoted Hydride Transfer with a Ruthenium-Acridine Pincer Complex. <i>Journal of the American Chemical Society</i> , 2010, 132, 14763-14765.	13.7	129
155	Biochemical and Structural Properties of Chimeras Constructed by Exchange of Cofactor-Binding Domains in Alcohol Dehydrogenases from Thermophilic and Mesophilic Microorganisms. <i>Biochemistry</i> , 2010, 49, 1943-1953.	2.5	9
156	Synthesis and Reactivity of an Iridium(I) Acetylonyl PNP Complex. Experimental and Computational Study of Metal-Ligand Cooperation in H-H and C-H Bond Activation via Reversible Ligand Dearomatization. <i>Organometallics</i> , 2010, 29, 3817-3827.	2.3	97
157	Activation of Molecular Oxygen by a Dioxygenase Pathway by a Ruthenium Bis-bipyridine Compound with a Proximal Selenium Site. <i>Journal of the American Chemical Society</i> , 2010, 132, 517-523.	13.7	13
158	Modular Arrangement of a Cellulosomal Scaffoldin Subunit Revealed from the Crystal Structure of a Cohesin Dyad. <i>Journal of Molecular Biology</i> , 2010, 399, 294-305.	4.2	24
159	Direct Hydrogenation of Amides to Alcohols and Amines under Mild Conditions. <i>Journal of the American Chemical Society</i> , 2010, 132, 16756-16758.	13.7	394
160	Stepwise Assembly of Coordination-Based Metal-Organic Networks. <i>Journal of the American Chemical Society</i> , 2010, 132, 14554-14561.	13.7	57
161	Structural diversity in manganese, iron and cobalt complexes of the ditopic 1,2-bis(2,2'-bipyridyl-6-yl)ethyne ligand and observation of epoxidation and catalase activity of manganese compounds. <i>Dalton Transactions</i> , 2010, 39, 7266.	3.3	13
162	Thiol-disulfide organization in alliin lyase (alliinase) from garlic (<i>Allium sativum</i>). <i>Protein Science</i> , 2009, 18, 196-205.	7.6	26

#	ARTICLE	IF	CITATIONS
163	A Coordination Controlled Aryl-Halide Oxidative Addition to Platinum. <i>Chemistry - A European Journal</i> , 2009, 15, 10025-10028.	3.3	12
164	Controlling Rigidity and Planarity in Conjugated Polymers: Poly(3,4-ethylenedithioselenophene). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5443-5447.	13.8	100
165	Cohesin diversity revealed by the crystal structure of the anchoring cohesin from <i>Ruminococcus flavefaciens</i> . <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 77, 699-709.	2.6	16
166	Crystallization and preliminary X-ray analysis of a cohesin-like module from AF2375 of the archaeon <i>Archaeoglobus fulgidus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 275-278.	0.7	1
167	Structural variability in manganese(II) complexes of N,N'-bis(2-pyridinylmethylene) ethane (and propane) diamine ligands. <i>Inorganica Chimica Acta</i> , 2009, 362, 4713-4720.	2.4	29
168	Structural and magnetic behavior of mono- and dinuclear nickel (II) complexes of N,N'-bis-(3,5-dipiperidin-1-yl-[2,4,6]triazin-1-yl)-pyridin-2-ylmethyl-ethane-1,2-diamine. <i>Inorganica Chimica Acta</i> , 2009, 362, 4760-4766.	2.4	11
169	Consecutive Thermal H ₂ and Light-Induced O ₂ Evolution from Water Promoted by a Metal Complex. <i>Science</i> , 2009, 324, 74-77.	12.6	448
170	Synthesis, Structure, and Reactivity of Nitrosyl Pincer-Type Rhodium Complexes. <i>Organometallics</i> , 2009, 28, 1917-1926.	2.3	31
171	Formation of Stable <i>trans</i> -Dihydride Ruthenium(II) and 16-Electron Ruthenium(0) Complexes Based on Phosphinite PONOP Pincer Ligands. Reactivity toward Water and Electrophiles. <i>Organometallics</i> , 2009, 28, 4791-4806.	2.3	84
172	Long-Range Through-Bond Heteronuclear Communication in Platinum Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 4021-4030.	4.0	5
173	Structural Basis of Restoring Sequence-Specific DNA Binding and Transactivation to Mutant p53 by Suppressor Mutations. <i>Journal of Molecular Biology</i> , 2009, 385, 249-265.	4.2	52
174	Intermodular Linker Flexibility Revealed from Crystal Structures of Adjacent Cellulosomal Cohesins of <i>Acetivibrio cellulolyticus</i> . <i>Journal of Molecular Biology</i> , 2009, 391, 86-97.	4.2	23
175	Unsaturated Rh(I) and Rh(III) Naphthyl-Based PCP Complexes. Major Steric Effect on Reactivity. <i>Organometallics</i> , 2009, 28, 1900-1908.	2.3	29
176	Direct Conversion of Alcohols to Acetals and H ₂ Catalyzed by an Acridine-Based Ruthenium Pincer Complex. <i>Journal of the American Chemical Society</i> , 2009, 131, 3146-3147.	13.7	260
177	Structure and Reactivity of Rhodium(I) Complexes Based on Electron-Withdrawing Pyrrolyl-PCP-Pincer Ligands. <i>Organometallics</i> , 2009, 28, 523-533.	2.3	27
178	Crystallization and preliminary X-ray analysis of <i>Acetivibrio cellulolyticus</i> cellulosomal type II cohesin module: two versions having different linker lengths. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 58-61.	0.7	4
179	Preliminary X-ray characterization of a novel type of anchoring cohesin from the cellulosome of <i>Ruminococcus flavefaciens</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2008, 64, 77-80.	0.7	5
180	Thermal stabilization of the protozoan <i>Entamoeba histolytica</i> alcohol dehydrogenase by a single proline substitution. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 72, 711-719.	2.6	17

#	ARTICLE	IF	CITATIONS
181	Rubrenes: Planar and Twisted. Chemistry - A European Journal, 2008, 14, 10639-10647.	3.3	109
182	The Impact of Weak C π -H \cdots Rh Interactions on the Structure and Reactivity of $\text{trans-[Rh(CO)}_2\text{(phosphine)}_2\text{]}^+$: An Experimental and Theoretical Examination. Chemistry - A European Journal, 2008, 14, 8183-8194.	3.3	11
183	A Stable $\text{Co}^{\text{II}}\text{-O}^{\text{II}}\text{-Iron(III)-Hydroperoxo}$ Complex in Water Derived from a Multi -^{II} Substituted Polyoxometalate and Molecular Oxygen. Angewandte Chemie - International Edition, 2008, 47, 9908-9912.	13.8	45
184	Closed and open framework architectures in copper(II) complexes with triazine substituted N,N'-bis-pyridin-2-ylmethyl-ethane-1,2-diamine ligands. Journal of Molecular Structure, 2008, 891, 491-497.	3.6	8
185	Cocrystallization of a Tripyridyl Donor with Perfluorinated Iodobenzene Derivatives: Formation of Different N \cdots I Halogen Bonds Determining Network vs Plain Packing Crystals. Crystal Growth and Design, 2008, 8, 786-790.	3.0	31
186	Evidence for a terminal Pt(IV)-oxo complex exhibiting diverse reactivity. Nature, 2008, 455, 1093-1096.	27.8	187
187	Halogen-Bonded Supramolecular Assemblies Based on Phenylethynyl Pyridine Derivatives: Driving Crystal Packing through Systematic Chemical Modifications. Crystal Growth and Design, 2008, 8, 3066-3072.	3.0	25
188	Stable Carbene and Diazoalkane Complexes of the Same Complex System. Synthesis, Structure, and Reactivity of PNP -^{II} Ru(II) Fluorenylidene and Diazofluorene Complexes. Organometallics, 2008, 27, 3526-3533.	2.3	37
189	Pyridine-based SNS-iridium and -rhodium sulfide complexes, including d π -d π metal \cdots metal interactions in the solid state. Dalton Transactions, 2008, , 3226.	3.3	20
190	A Unique Family of Stable and Water-Soluble S^{II} -Nitrosothiol Complexes. Inorganic Chemistry, 2008, 47, 4723-4733.	4.0	23
191	Directing Aryl -^{I} versus Aryl -^{Br} Bond Activation by Nickel via a Ring Walking Process. Inorganic Chemistry, 2008, 47, 5114-5121.	4.0	62
192	Pyridine-Based Sulfoxide Pincer Complexes of Rhodium and Iridium. Organometallics, 2008, 27, 1892-1901.	2.3	30
193	B -^{C} Bond Cleavage of BAr^{F} Anion Upon Oxidation of Rhodium(I) with AgBAr^{F} . Phosphinite Rhodium(I), Rhodium(II), and Rhodium(III) Pincer Complexes. Organometallics, 2008, 27, 2293-2299.	2.3	51
194	Fluxional Behavior of Platinum(0) Complexes: Intra vs Intermolecular Reaction Pathways. Inorganic Chemistry, 2008, 47, 3815-3822.	4.0	11
195	Cationic, Neutral, and Anionic Platinum(II) Complexes Based on an Electron-Rich PNN Ligand. New Modes of Reactivity Based on Pincer Hemilability and Dearomatization. Organometallics, 2008, 27, 2627-2634.	2.3	57
196	Competitive C -^{I} versus C -^{CN} Reductive Elimination from a Rh^{III} Complex. Selectivity is Controlled by the Solvent. Journal of the American Chemical Society, 2008, 130, 14374-14375.	13.7	42
197	Silanol-Based Pincer Pt(II) Complexes: Synthesis, Structure, and Unusual Reactivity. Inorganic Chemistry, 2008, 47, 7177-7189.	4.0	101
198	Tandem pinacol coupling \cdots rearrangement of aromatic aldehydes with hydrogen catalyzed by a combination of a platinum complex and a polyoxometalate. Chemical Communications, 2007, , 3957.	4.1	17

#	ARTICLE	IF	CITATIONS
199	Two Structures of Alliinase from <i>Allium sativum</i> L.: Apo Form and Ternary Complex with Aminoacrylate Reaction Intermediate Covalently Bound to the PLP Cofactor. <i>Journal of Molecular Biology</i> , 2007, 366, 611-625.	4.2	55
200	Palladium Complexes of Perylene Diimides: A Strong Fluorescence Despite Direct Attachment of Late Transition Metals to Organic Dyes. <i>Inorganic Chemistry</i> , 2007, 46, 4790-4792.	4.0	61
201	From Azobenzene Coordination to Aryl-Halide Bond Activation by Platinum. <i>Organometallics</i> , 2007, 26, 4528-4534.	2.3	39
202	Electron-rich, bulky PNN-type ruthenium complexes: synthesis, characterization and catalysis of alcohol dehydrogenation. <i>Dalton Transactions</i> , 2007, , 107-113.	3.3	161
203	Reactivity and stability of platinum(II) formyl complexes based on PCP-type ligands. The significance of sterics. <i>Dalton Transactions</i> , 2007, , 5692.	3.3	32
204	Design, synthesis and crystal structure of a multiple donor-acceptor halogen bonded stilbazole: assembly of unimolecular interconnected helices. <i>CrystEngComm</i> , 2007, 9, 538-540.	2.6	20
205	Mononuclear Rh(II) PNP-Type Complexes. Structure and Reactivity. <i>Inorganic Chemistry</i> , 2007, 46, 10479-10490.	4.0	66
206	Quinone Methide Generation Based on acis-(N,N) Platinum Complex. <i>Organometallics</i> , 2007, 26, 2178-2182.	2.3	8
207	Naphthyl-Based PCP Platinum Complexes. Nucleophilic Activation of Coordinated CO and Synthesis of a Pt(II) Formyl Complex. <i>Organometallics</i> , 2007, 26, 2931-2936.	2.3	25
208	Co-Crystallization of Sym-Triiodo-Trifluorobenzene with Bipyridyl Donors: A Consistent Formation of Two Instead of Anticipated Three N-Halogen Bonds. <i>Crystal Growth and Design</i> , 2007, 7, 386-392.	3.0	87
209	Selective Bromination of Perylene Diimides under Mild Conditions. <i>Journal of Organic Chemistry</i> , 2007, 72, 5973-5979.	3.2	211
210	Osmium-Mediated C-H and C-C Bond Cleavage of a Phenolic Substrate: p-Quinone Methide and Methylene Arenium Pincer Complexes. <i>Chemistry - A European Journal</i> , 2007, 13, 1382-1393.	3.3	36
211	Electronic Perturbation in a Molecular Nanowire of [IrCl ₅ (NO)] ⁻ Units. <i>Chemistry - A European Journal</i> , 2007, 13, 8428-8436.	3.3	14
212	Methylene Transfer from SnMe Groups Mediated by a Rhodium(I) Pincer Complex: Sn-C, C-C, and C-H Bond Activation. <i>Chemistry - A European Journal</i> , 2007, 13, 7501-7509.	3.3	20
213	Solvent-Dependent Interconversions between RhI, RhII, and RhIII Complexes of an Aryl-Monophosphine Ligand. <i>Chemistry - A European Journal</i> , 2007, 13, 9043-9055.	3.3	19
214	Planar [6]Radialenes: Structure, Synthesis, and Aromaticity of Benzotriseselenophene and Benzotrithiophene. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8814-8818.	13.8	44
215	Crystallization and preliminary diffraction studies of CBM3b of cellobiohydrolase 9A from <i>Clostridium thermocellum</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 1044-1047.	0.7	7
216	Metal-Ligand Cooperation in C-H and H ₂ Activation by an Electron-Rich PNP Ir(I) System: A Facile Ligand Dearomatization-Aromatization as Key Steps. <i>Journal of the American Chemical Society</i> , 2006, 128, 15390-15391.	13.7	222

#	ARTICLE	IF	CITATIONS
217	Formation of Fluorinated Platinum π -Stilbazole Complexes: Aryl Halide Oxidative Addition vs η^2 -Coordination of a Carbon-Carbon Double Bond. <i>Organometallics</i> , 2006, 25, 3308-3310.	2.3	23
218	Exclusive C π -C Activation and an Apparent β -H Elimination with a Rhodium Phosphinite Pincer Complex. <i>Organometallics</i> , 2006, 25, 2292-2300.	2.3	82
219	ortho-C-H Activation of Haloarenes and Anisole by an Electron-Rich Iridium(I) Complex: Mechanism and Origin of Regio- and Chemoselectivity. An Experimental and Theoretical Study. <i>Organometallics</i> , 2006, 25, 3190-3210.	2.3	100
220	Structure of alcohol dehydrogenase from <i>Entamoeba histolytica</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2006, 62, 541-547.	2.5	6
221	Iron(II) complexes based on electron-rich, bulky PNN- and PNP-type ligands. <i>Inorganica Chimica Acta</i> , 2006, 359, 1955-1960.	2.4	79
222	Structural and EPR/ENDOR/ESEEM spectroscopic investigations of a vanadomolybdate Keggin-type polyoxometalate in organic solvent. <i>Inorganica Chimica Acta</i> , 2006, 359, 3072-3078.	2.4	3
223	Sonochemical Reaction of $[\text{Fe}(\text{CO})_5]$ with 1-Methylimidazole in An Ionic Liquid: Formation of $[(1\text{-Methylimidazole})_6\text{Fe}](\text{PF}_6)_2$. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 522-528.	2.0	22
224	Redox-Induced Collapse and Regeneration of a Pincer-Type Complex Framework: A Nonplanar Coordination Mode of Palladium(II). <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1709-1711.	13.8	61
225	η^2 -Accepting-Pincer Rhodium Complexes: An Unusual Coordination Mode of PCP-Type Systems. <i>Chemistry - A European Journal</i> , 2005, 11, 2319-2326.	3.3	47
226	Pincer π -Hemilabile Effect. PCN Platinum(II) Complexes with Different Amine π -Arm Lengths. <i>Organometallics</i> , 2005, 24, 1082-1090.	2.3	111
227	C-Metalated Diazoalkane Complexes of Platinum Based on PCP- and PCN-Type Ligands. <i>Organometallics</i> , 2005, 24, 5937-5944.	2.3	57
228	Platinum Stilbazoles: Ring-Walking Coupled with Aryl Halide Bond Activation. <i>Journal of the American Chemical Society</i> , 2005, 127, 9322-9323.	13.7	60
229	Formation of Coordinated Nitrosamines by Reaction of $\text{K}[\text{IrCl}_5\text{NO}]$ with Primary Amines. <i>Organometallics</i> , 2005, 24, 4707-4709.	2.3	16
230	Electron-rich siloxane-platinum complexes - Synthesis, structures, and reactivity. <i>Canadian Journal of Chemistry</i> , 2005, 83, 786-792.	1.1	13
231	Self-Oxidation of a Phenolate Complex to a Bimetallic Stilbene Quinone. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5961-5963.	13.8	14
232	Nucleophilic De-coordination and Electrophilic Regeneration of π -Hemilabile Pincer-Type Complexes: Formation of Anionic Dialkyl, Diaryl, and Dihydride Pt(II) Complexes Bearing No Stabilizing π -Acceptors. <i>Chemistry - A European Journal</i> , 2004, 10, 4673-4684.	3.3	69
233	sp^3 C-H and sp^2 C-H agostic ruthenium complexes: a combined experimental and theoretical study. <i>Inorganica Chimica Acta</i> , 2004, 357, 1854-1864.	2.4	49
234	Rhodium complexes with chiral counterions: achiral catalysts in chiral matrices. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 751-758.	1.8	48

#	ARTICLE	IF	CITATIONS
235	Photolysis of 4,4'-Dithiodipyridine Produces cyclo-Octasulfur Molecules: A Basis for Au/S8 Microcrystalline Systems. <i>Chemistry of Materials</i> , 2004, 16, 3976-3979.	6.7	12
236	New Ligand Systems Incorporating Two and Three 4,4'-Bipyridine Units. Characterization of Bi- and Trimetallic Rhodium and Iridium Complexes. <i>Inorganic Chemistry</i> , 2004, 43, 7180-7186.	4.0	7
237	Unsaturated Pd(0), Pd(I), and Pd(II) Complexes of a New Methoxy-Substituted Benzyl Phosphine. Aryl-X (X = Cl, I) Oxidative Addition, C-O Cleavage, and Suzuki-Miyaura Coupling of Aryl Chlorides. <i>Organometallics</i> , 2004, 23, 3931-3940.	2.3	70
238	Electron-Rich, Bulky Ruthenium PNP-Type Complexes. Acceptorless Catalytic Alcohol Dehydrogenation. <i>Organometallics</i> , 2004, 23, 4026-4033.	2.3	285
239	Nickel promoted C-H, C=C and C=O bond activation in solution. <i>Inorganica Chimica Acta</i> , 2004, 357, 4015-4023.	2.4	70
240	Novel Azine Reactivity: Facile N-N Bond Cleavage, C-H Activation, and N-N Coupling Mediated by RhI. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1949-1952.	13.8	39
241	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 1993-1996.	2.0	8
242	Preparation and Characterization of New Ruthenium and Osmium Containing Polyoxometalates, [M(DMSO)3Mo7O24]4- (M: Ru(II), Os(II)), and Their Use as Catalysts for the Aerobic Oxidation of Alcohols. <i>ChemInform</i> , 2003, 34, no.	0.0	0
243	C-H versus C=C Activation and versus Agostic C=C Interaction Controlled by Electron Density at the Metal Center. <i>Chemistry - A European Journal</i> , 2003, 9, 4295-4300.	3.3	60
244	Dimethylsulfoxide as a Ligand for RhI and IrI Complexes: Isolation, Structure, and Reactivity Towards X-H Bonds (X=H, OH, OCH3). <i>Chemistry - A European Journal</i> , 2003, 9, 5237-5249.	3.3	49
245	Inorganic-organic hybrid materials based on keggin type polyoxometalates and organic polyammonium cations. <i>Journal of Molecular Structure</i> , 2003, 656, 27-35.	3.6	32
246	Preliminary X-ray characterization and phasing of a type II cohesin domain from the cellulosome of <i>Acetivibrio cellulolyticus</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1670-1673.	2.5	22
247	Preparation and Characterization of New Ruthenium and Osmium Containing Polyoxometalates, [M(DMSO)3Mo7O24]4- (M = Ru(II), Os(II)), and Their Use as Catalysts for the Aerobic Oxidation of Alcohols. <i>Inorganic Chemistry</i> , 2003, 42, 3331-3339.	4.0	82
248	Selective Ortho C-H Activation of Haloarenes by an Ir(I) System. <i>Journal of the American Chemical Society</i> , 2003, 125, 4714-4715.	13.7	111
249	A New Ligand System Based on a Bipyridine-Functionalized Calix[4]arene Backbone Leading to Mono- and Bimetallic Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 3160-3167.	4.0	24
250	Iridium- and Rhodium-Silanol Complexes: Synthesis and Reactivity. <i>Organometallics</i> , 2003, 22, 4020-4024.	2.3	8
251	Oxidative Addition of Water to Novel Ir(I) Complexes Stabilized by Dimethyl Sulfoxide Ligands. <i>Journal of the American Chemical Society</i> , 2002, 124, 188-189.	13.7	49
252	New Tridentate Phosphine Rhodium and Iridium Complexes, Including a Stable Rhodium(I) Silyl. Si-S Activation and a Strong Effect of X in (PP2)M-X (X = H, Cl, Me) on Si-H Activation. <i>Organometallics</i> , 2002, 21, 5060-5065.	2.3	30

#	ARTICLE	IF	CITATIONS
253	Synthesis, Structure, and Reactivity of New Rhodium and Iridium Complexes, Bearing a Highly Electron-Donating PNP System. Iridium-Mediated Vinyl C-H Bond Activation. <i>Organometallics</i> , 2002, 21, 812-818.	2.3	120
254	DNA Recognition by the RUNX1 Transcription Factor Is Mediated by an Allosteric Transition in the RUNT Domain and by DNA Bending. <i>Structure</i> , 2002, 10, 1395-1407.	3.3	48
255	Thermophilic alcohol dehydrogenase from the mesophile <i>Entamoeba histolytica</i> : crystallization and preliminary X-ray characterization. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 546-548.	2.5	2
256	Alliin lyase (alliinase) from garlic (<i>Allium sativum</i>): crystallization and preliminary X-ray characterization. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2002, 58, 1335-1337.	2.5	6
257	Synthesis and Structure of New Osmium-PCP Complexes. Osmium-Mediated C-C Bond Activation. <i>Organometallics</i> , 2001, 20, 1719-1724.	2.3	57
258	Solvent-Stabilized Alkylrhodium(III) Hydride Complexes: A Special Mode of Reversible C-H Bond Elimination Involving an Agostic Intermediate. <i>Chemistry - A European Journal</i> , 2000, 6, 3287-3292.	3.3	40
259	Structure of a family IIIa scaffoldin CBD from the cellulosome of <i>Clostridium cellulolyticum</i> at 2.2 Å resolution. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2000, 56, 1560-1568.	2.5	48
260	Discovery of the First Metallaquinone. <i>Journal of the American Chemical Society</i> , 2000, 122, 8797-8798.	13.7	55
261	The Methylene-Transfer Reaction: A Synthetic and Mechanistic Aspects of a Unique C-C Coupling and C-C Bond Activation Sequence. <i>Journal of the American Chemical Society</i> , 2000, 122, 7723-7734.	13.7	55
262	Metal-Stabilized Methylene Arenium and η^5 -Arenium Compounds: Synthesis, Structure, Reactivity, Charge Distribution, and Interconversion. <i>Organometallics</i> , 1999, 18, 895-905.	2.3	84
263	Methylene Arenium Cations via Quinone Methides and Xylylenes Stabilized by Metal Complexation. <i>Journal of the American Chemical Society</i> , 1998, 120, 477-483.	13.7	52
264	Formation of η^2 -C-H Agostic Rhodium Arene Complexes and Their Relevance to Electrophilic Bond Activation. <i>Journal of the American Chemical Society</i> , 1998, 120, 12539-12544.	13.7	164
265	Cellulosomes: Structure and Ultrastructure. <i>Journal of Structural Biology</i> , 1998, 124, 221-234.	2.8	306
266	Alkyl and Aryl Oxygen Bond Activation in Solution by Rhodium(I), Palladium(II), and Nickel(II). Transition-Metal-Based Selectivity. <i>Journal of the American Chemical Society</i> , 1998, 120, 6531-6541.	13.7	169
267	A PCN Ligand System. Exclusive C-C Activation with Rhodium(I) and C-H Activation with Platinum(II). <i>Organometallics</i> , 1997, 16, 3981-3986.	2.3	127
268	A cohesin domain from <i>Clostridium thermocellum</i> : the crystal structure provides new insights into cellulosome assembly. <i>Structure</i> , 1997, 5, 381-390.	3.3	119
269	Expression, purification and crystallization of a cohesin domain from the cellulosome of <i>Clostridium thermocellum</i> . <i>Journal of Biotechnology</i> , 1996, 51, 243-249.	3.8	12
270	Transition Metal-Catalyzed Silanone Generation. <i>Journal of the American Chemical Society</i> , 1996, 118, 10894-10895.	13.7	40

#	ARTICLE	IF	CITATIONS
271	Consecutive Cyclometalation by Platinum(II). <i>Organometallics</i> , 1996, 15, 2562-2568.	2.3	34
272	Formation and X-ray Structures of PCP Ligand Based Platinum(II) and Palladium(II) Macrocycles. <i>Inorganic Chemistry</i> , 1996, 35, 7068-7073.	4.0	43
273	Growth and Dissolution of Organic Crystals with ?Tailor-Made? Inhibitors?Implications in Stereochemistry and Materials Science. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 466-485.	4.4	271
274	Directing the Morphology, Packing, and Properties of Chiral MetalOrganic Frameworks by Cation Exchange. <i>Angewandte Chemie</i> , 0, , .	2.0	3