Yael Diskin-Posner

List of Publications by Year
in descending order

130 papers	7,384 citations	41258 49 h-index	60497 81 g-index
134 all docs	134 docs citations	134 times ranked	6706 citing authors

#	Article	IF	Citations
1	Lowâ€Pressure Hydrogenation of Carbon Dioxide Catalyzed by an Iron Pincer Complex Exhibiting Noble Metal Activity. Angewandte Chemie - International Edition, 2011, 50, 9948-9952.	7.2	479
2	Î±-Oligofurans. Journal of the American Chemical Society, 2010, 132, 2148-2150.	6.6	246
3	Iron Pincer Complex Catalyzed, Environmentally Benign, <i>E</i>â€Selective Semiâ€Hydrogenation of Alkynes. Angewandte Chemie - International Edition, 2013, 52, 14131-14134.	7.2	215
4	Photoreduction of Carbon Dioxide to Carbon Monoxide with Hydrogen Catalyzed by a Rhenium(I) Phenanthrolineâˆ'Polyoxometalate Hybrid Complex. Journal of the American Chemical Society, 2011, 133, 188-190.	6.6	206
5	Iron Borohydride Pincer Complexes for the Efficient Hydrogenation of Ketones under Mild, Baseâ€Free Conditions: Synthesis and Mechanistic Insight. Chemistry - A European Journal, 2012, 18, 7196-7209.	1.7	180
6	Reusable Homogeneous Catalytic System for Hydrogen Production from Methanol and Water. ACS Catalysis, 2014, 4, 2649-2652.	5.5	176
7	Manganeseâ€Catalyzed Nâ€Formylation of Amines by Methanol Liberating H₂: A Catalytic and Mechanistic Study. Angewandte Chemie - International Edition, 2017, 56, 4229-4233.	7.2	170
8	Cobaltâ€Catalyzed Hydrogenation of Esters to Alcohols: Unexpected Reactivity Trend Indicates Ester Enolate Intermediacy. Angewandte Chemie - International Edition, 2015, 54, 12357-12360.	7.2	166
9	Crystal Engineering of Metalloporphyrin Zeolite Analogues. Angewandte Chemie - International Edition, 2000, 39, 1288-1292.	7.2	149
10	Reversible chromism of spiropyran in the cavity of a flexible coordination cage. Nature Communications, 2018, 9, 641.	5.8	148
11	Direct Synthesis of Amides by Dehydrogenative Coupling of Amines with either Alcohols or Esters: Manganese Pincer Complex as Catalyst. Angewandte Chemie - International Edition, 2017, 56, 14992-14996.	7.2	141
12	Selective <i>N</i>-Formylation of Amines with H₂ and CO₂ Catalyzed by Cobalt Pincer Complexes. ACS Catalysis, 2017, 7, 2500-2504.	5.5	137
13	Synthesis of Cyclic Imides by Acceptorless Dehydrogenative Coupling of Diols and Amines Catalyzed by a Manganese Pincer Complex. Journal of the American Chemical Society, 2017, 139, 11722-11725.	6.6	135
14	A New Mode of Activation of CO₂ by Metalâ€“Ligand Cooperation with Reversible Cï£¿C and Mï£¿O Bond Formation at Ambient Temperature. Chemistry - A European Journal, 2012, 18, 9194-9197.	1.7	125
15	Synthesis of Pyrazines and Quinoxalines via Acceptorless Dehydrogenative Coupling Routes Catalyzed by Manganese Pincer Complexes. ACS Catalysis, 2018, 8, 7734-7741.	5.5	124
16	Reversible CO₂ binding triggered by metalâ€“ligand cooperation in a rhenium(<scp>i</scp>) PNP pincer-type complex and the reaction with dihydrogen. Chemical Science, 2014, 5, 2043-2051.	3.7	120
17	Synthesis and Reactivity of Iron Complexes with a New Pyrazine-Based Pincer Ligand, and Application in Catalytic Low-Pressure Hydrogenation of Carbon Dioxide. Inorganic Chemistry, 2015, 54, 4526-4538.	1.9	119
18	A novel liquid organic hydrogen carrier system based on catalytic peptide formation and hydrogenation. Nature Communications, 2015, 6, 6859.	5.8	115

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19	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.	6.6	110
20	Reversible photoswitching of encapsulated azobenzenes in water. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9379-9384.	3.3	110
21	Nâ€Substituted Hydrazones by Manganeseâ€Catalyzed Coupling of Alcohols with Hydrazine: Borrowing Hydrogen and Acceptorless Dehydrogenation in One System. Angewandte Chemie - International Edition, 2018, 57, 2179-2182.	7.2	104
22	Highly Selective, Efficient Deoxygenative Hydrogenation of Amides Catalyzed by a Manganese Pincer Complex via Metalâ€"Ligand Cooperation. ACS Catalysis, 2018, 8, 8014-8019.	5.5	100
23	Synthesis and Reactivity of an Iridium(I) Acetonyl PNP Complex. Experimental and Computational Study of Metalâˆ'Ligand Cooperation in Hâˆ'H and Câˆ'H Bond Activation via Reversible Ligand Dearomatization. Organometallics, 2010, 29, 3817-3827.	1.1	97
24	Reductive Cleavage of CO₂ by Metalâ€"Ligand-Cooperation Mediated by an Iridium Pincer Complex. Journal of the American Chemical Society, 2016, 138, 6445-6454.	6.6	88
25	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. Organometallics, 2009, 28, 4791-4806.	1.1	84
26	Supramolecular assembly of metalloporphyrins in crystals by axial coordination through amine ligands. Dalton Transactions RSC, 2001, , 2775-2782.	2.3	83
27	Nâ€"H Activation by Rh(I) via Metalâ€"Ligand Cooperation. Organometallics, 2012, 31, 4083-4101.	1.1	83
28	Crystal Engineering of â€œPorphyrin Sievesâ€•Based on Coordination Polymers of Pd- and Pt-tetra(4-carboxyphenyl)porphyrin. Crystal Growth and Design, 2003, 3, 855-863.	1.4	81
29	Anionic Nickel(II) Complexes with Doubly Deprotonated PNP Pincer-Type Ligands and Their Reactivity toward CO₂. Organometallics, 2013, 32, 300-308.	1.1	79
30	Dehydrogenative Cross-Coupling of Primary Alcohols To Form Cross-Esters Catalyzed by a Manganese Pincer Complex. ACS Catalysis, 2019, 9, 479-484.	5.5	79
31	Cationic, Neutral, and Anionic PNP Pd^{II}and Pt^{II}Complexes: Dearomatization by Deprotonation and Double-Deprotonation of Pincer Systems. Inorganic Chemistry, 2010, 49, 1615-1625.	1.9	78
32	Assembly of Crystalline Halogen-Bonded Materials by Physical Vapor Deposition. Journal of the American Chemical Society, 2008, 130, 8162-8163.	6.6	76
33	How Innocent are Potentially Redox Non-Innocent Ligands? Electronic Structure and Metal Oxidation States in Iron-PNN Complexes as a Representative Case Study. Inorganic Chemistry, 2015, 54, 4909-4926.	1.9	76
34	From porphyrin sponges to porphyrin sieves: a unique crystalline lattice of aquazinc tetra(4-carboxyphenyl)porphyrin with nanosized channels. Chemical Communications, 1999, , 1961-1962.	2.2	73
35	Mononuclear Rh(II) PNP-Type Complexes. Structure and Reactivity. Inorganic Chemistry, 2007, 46, 10479-10490.	1.9	66
36	Formal loss of an H radical by a cobalt complex via metalâ€"ligand cooperation. Chemical Communications, 2013, 49, 2771.	2.2	63

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37	Structural studies of p53 inactivation by DNA-contact mutations and its rescue by suppressor mutations via alternative protein-DNA interactions. Nucleic Acids Research, 2013, 41, 8748-8759.	6.5	60
38	Crystal Engineering of 2-D and 3-D Multiporphyrin Architectures âˆ’ The Versatile Topologies of Tetracarboxyphenylporphyrin-Based Materials. European Journal of Inorganic Chemistry, 2001, 2001, 2515-2523.	1.0	59
39	Strongly Anharmonic Octahedral Tilting in Two-Dimensional Hybrid Halide Perovskites. ACS Nano, 2021, 15, 10153-10162.	7.3	59
40	Direct Synthesis of Secondary Amines From Alcohols and Ammonia Catalyzed by a Ruthenium Pincer Complex. Catalysis Letters, 2015, 145, 139-144.	1.4	58
41	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.	1.1	57
42	Iron Dicarbonyl Complexes Featuring Bipyridineâ€Based PNN Pincer Ligands with Short Interpyridine Cï£¿C Bond Lengths: Innocent or Nonâ€Innocent Ligand?. Chemistry - A European Journal, 2014, 20, 4403-4413.	1.7	56
43	Synthesis, Structures, and Dearomatization by Deprotonation of Iron Complexes Featuring Bipyridine-based PNN Pincer Ligands. Inorganic Chemistry, 2013, 52, 9636-9649.	1.9	53
44	New effective synthons for supramolecular self-assembly of meso-carboxyphenylporphyrins. Chemical Communications, 2000, , 585-586.	2.2	52
45	Structural Basis of Restoring Sequence-Specific DNA Binding and Transactivation to Mutant p53 by Suppressor Mutations. Journal of Molecular Biology, 2009, 385, 249-265.	2.0	52
46	High Charge Delocalization and Conjugation in Oligofuran Molecular Wires. Chemistry - A European Journal, 2013, 19, 13140-13150.	1.7	52
47	CO Oxidation by N₂O Homogeneously Catalyzed by Ruthenium Hydride Pincer Complexes Indicating a New Mechanism. Journal of the American Chemical Society, 2018, 140, 7061-7064.	6.6	52
48	Direct Conversion of Alcohols into Alkenes by Dehydrogenative Coupling with Hydrazine/Hydrazone Catalyzed by Manganese. Angewandte Chemie - International Edition, 2018, 57, 13444-13448.	7.2	50
49	Solid-state supramolecular chemistry of porphyrins. Stacked and layered heterogeneous aggregation modes of tetraarylporphyrins with crown ethers. New Journal of Chemistry, 1999, 23, 885-890.	1.4	49
50	Effect of CO on the Oxidative Addition of Arene Cï£¿H Bonds by Cationic Rhodium Complexes. Chemistry - A European Journal, 2010, 16, 328-353.	1.7	49
51	Stepwise Metalâ€"Ligand Cooperation by a Reversible Aromatization/Deconjugation Sequence in Ruthenium Complexes with a Tetradentate Phenanthrolineâ€Based Ligand. Chemistry - A European Journal, 2013, 19, 3407-3414.	1.7	49
52	Bottom-Up Construction of a CO2-Based Cycle for the Photocarbonylation of Benzene, Promoted by a Rhodium(I) Pincer Complex. Journal of the American Chemical Society, 2016, 138, 9941-9950.	6.6	49
53	Manganeseâ€Catalyzed Nâ€Formylation of Amines by Methanol Liberating H₂: A Catalytic and Mechanistic Study. Angewandte Chemie, 2017, 129, 4293-4297.	1.6	49
54	Selective Acceptorless Conversion of Primary Alcohols to Acetals and Dihydrogen Catalyzed by the Ruthenium(II) Complex Ru(PPh3)2(NCCH3)2(SO4). Advanced Synthesis and Catalysis, 2012, 354, 497-504.	2.1	48

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55	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.	6.6	48
56	Formamides as Isocyanate Surrogates: A Mechanistically Driven Approach to the Development of Atom-Efficient, Selective Catalytic Syntheses of Ureas, Carbamates, and Heterocycles. Journal of the American Chemical Society, 2019, 141, 16486-16493.	6.6	47
57	PNS-Type Ruthenium Pincer Complexes. Organometallics, 2012, 31, 6207-6214.	1.1	45
58	Crystal engineering of metalloporphyrin assemblies. New supramolecular architectures mediated by bipyridyl ligands. Chemical Communications, 2002, , 1420-1421.	2.2	42
59	Competitive Câˆ’I versus Câˆ’CN Reductive Elimination from a Rh^{III}Complex. Selectivity is Controlled by the Solvent. Journal of the American Chemical Society, 2008, 130, 14374-14375.	6.6	42
60	O2 Activation by Metalâ€“Ligand Cooperation with IrI PNP Pincer Complexes. Journal of the American Chemical Society, 2015, 137, 4634-4637.	6.6	42
61	PNN Ruthenium Pincer Complexes Based on Phosphinated 2,2â€²-Dipyridinemethane and 2,2â€²-Oxobispyridine. Metalâ€“Ligand Cooperation in Cyclometalation and Catalysis. Organometallics, 2013, 32, 2973-2982.	1.1	40
62	Porphyrin sieves. Designing open networks of tetra(carboxyphenyl)porphyrins by extended coordination through sodium ion auxiliaries. New Journal of Chemistry, 2001, 25, 899-904.	1.4	39
63	Direct Synthesis of Amides by Dehydrogenative Coupling of Amines with either Alcohols or Esters: Manganese Pincer Complex as Catalyst. Angewandte Chemie, 2017, 129, 15188-15192.	1.6	39
64	Metalâ€“Ligand Cooperation as Key in Formation of Dearomatized Ni^{II}â€“H Pincer Complexes and in Their Reactivity toward CO and CO₂. Organometallics, 2018, 37, 2217-2221.	1.1	39
65	Improving Fatigue Resistance of Dihydropyrene by Encapsulation within a Coordination Cage. Journal of the American Chemical Society, 2020, 142, 14557-14565.	6.6	39
66	Structural basis of reactivation of oncogenic p53 mutants by a small molecule: methylene quinuclidinone (MQ). Nature Communications, 2021, 12, 7057.	5.8	39
67	Bismuth-Substituted â€œSandwichâ€•Type Polyoxometalate Catalyst for Activation of Peroxide: Umpolung of the Peroxo Intermediate and Change of Chemoselectivity. ACS Catalysis, 2015, 5, 3336-3341.	5.5	38
68	Reversible switching of arylazopyrazole within a metalâ€“organic cage. Beilstein Journal of Organic Chemistry, 2019, 15, 2398-2407.	1.3	35
69	Exclusive Câ€“C Oxidative Addition in a Rhodium Thiophosphoryl Pincer Complex and Computational Evidence for an Î·³-Câ€“Câ€“H Agostic Intermediate. Organometallics, 2012, 31, 505-512.	1.1	33
70	Reactivity and stability of platinum(ii) formyl complexes based on PCP-type ligands. The significance of sterics. Dalton Transactions, 2007, , 5692.	1.6	32
71	Pyridine-Based PCP-Ruthenium Complexes: Unusual Structures and Metalâ€“Ligand Cooperation. Journal of the American Chemical Society, 2019, 141, 7554-7561.	6.6	32
72	Formation of thioesters by dehydrogenative coupling of thiols and alcohols with H2 evolution. Nature Catalysis, 2020, 3, 887-892.	16.1	32

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73	Pyridine-Based Sulfoxide Pincer Complexes of Rhodium and Iridium. Organometallics, 2008, 27, 1892-1901.	1.1	30
74	Reversible Aromaticity Transfer in a Bora-Cycle: Boronâ€“Ligand Cooperation. Journal of the American Chemical Society, 2016, 138, 13307-13313.	6.6	30
75	Supramolecular porphyrin-based materials. Assembly modes of [5,10,15,20-tetrakis(4-hydroxyphenyl)porphyrinato]zinc with bipyridyl ligands. CrystEngComm, 2002, 4, 296-301.	1.3	29
76	Ru(0) and Ru(II) Nitrosyl Pincer Complexes: Structure, Reactivity, and Catalytic Activity. Inorganic Chemistry, 2013, 52, 11469-11479.	1.9	29
77	Nâ€Substituted Hydrazones by Manganeseâ€Catalyzed Coupling of Alcohols with Hydrazine: Borrowing Hydrogen and Acceptorless Dehydrogenation in One System. Angewandte Chemie, 2018, 130, 2201-2204.	1.6	29
78	The Ferraquinoneâ€“Ferrahydroquinone Couple: Combining Quinonic and Metal-Based Reactivity. Journal of the American Chemical Society, 2017, 139, 2799-2807.	6.6	28
79	Structure and Reactivity of Rhodium(I) Complexes Based on Electron-Withdrawing Pyrrolyl-PCP-Pincer Ligands. Organometallics, 2009, 28, 523-533.	1.1	27
80	Maximizing Property Tuning of Phosphorus Corrole Photocatalysts through a Trifluoromethylation Approach. Inorganic Chemistry, 2019, 58, 6184-6198.	1.9	27
81	Catalytic Oxidative Deamination by Water with H₂ Liberation. Journal of the American Chemical Society, 2020, 142, 20875-20882.	6.6	26
82	Positive shift in corrole redox potentials leveraged by modest Î²-CF3-substitution helps achieve efficient photocatalytic Câ€“H bond functionalization by group 13 complexes. Dalton Transactions, 2019, 48, 12279-12286.	1.6	24
83	Anharmonic Lattice Vibrations in Smallâ€Molecule Organic Semiconductors. Advanced Materials, 2020, 32, 1908028.	11.1	24
84	Câˆ’C Bond Formation of Benzyl Alcohols and Alkynes Using a Catalytic Amount of KO^tBu: Unusual Regioselectivity through a Radical Mechanism. Angewandte Chemie - International Edition, 2019, 58, 3373-3377.	7.2	23
85	Synthesis of oxalamides by acceptorless dehydrogenative coupling of ethylene glycol and amines and the reverse hydrogenation catalyzed by ruthenium. Chemical Science, 2020, 11, 7188-7193.	3.7	23
86	Redox Noninnocent Nature of Acridine-Based Pincer Complexes of 3d Metals and Câ€“C Bond Formation. Organometallics, 2020, 39, 279-285.	1.1	22
87	Homogeneous Reforming of Aqueous Ethylene Glycol to Glycolic Acid and Pure Hydrogen Catalyzed by Pincerâ€Ruthenium Complexes Capable of Metalâ€“Ligand Cooperation. Chemistry - A European Journal, 2021, 27, 4715-4722.	1.7	22
88	Avilamycin and evernimicin induce structural changes in rProteins uL16 and CTC that enhance the inhibition of A-site tRNA binding. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6796-E6805.	3.3	21
89	Polymorphism of l â€Tryptophan. Angewandte Chemie - International Edition, 2019, 58, 18788-18792.	7.2	21
90	Pyridine-based SNS-iridium and -rhodium sulfide complexes, including d8â€“d8 metalâ€“metal interactions in the solid state. Dalton Transactions, 2008, , 3226.	1.6	20

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91	Controlling the helicity of Ï€-conjugated oligomers by tuning the aromatic backbone twist. Nature Communications, 2022, 13, 451.	5.8	20
92	Near-Ambient-Temperature Dehydrogenative Synthesis of the Amide Bond: Mechanistic Insight and Applications. ACS Catalysis, 2021, 11, 7383-7393.	5.5	19
93	Iron-catalysed ring-opening metathesis polymerization of olefins and mechanistic studies. Nature Catalysis, 2022, 5, 494-502.	16.1	19
94	Synthesis and Reactivity of Cationic Boron Complexes Distorted by Pyridineâ€based Pincer Ligands: Isolation of a Photochemical Hofmannâ€“Martiusâ€type Intermediate. Angewandte Chemie - International Edition, 2020, 59, 4932-4936.	7.2	18
95	Manganese-Pincer-Catalyzed Nitrile Hydration, Î±-Deuteration, and Î±-Deuterated Amide Formation via Metal Ligand Cooperation. ACS Catalysis, 2021, 11, 10239-10245.	5.5	17
96	Superstructured metallocorroles for electrochemical CO₂reduction. Chemical Communications, 2019, 55, 11912-11915.	2.2	16
97	Palladium Complexes of Corroles and Sapphyrins. Chemistry - A European Journal, 2020, 26, 9481-9485.	1.7	15
98	Ternary host-guest complexes with rapid exchange kinetics and photoswitchable fluorescence. CheM, 2022, 8, 2362-2379.	5.8	15
99	Synthesis, Structure, and Reactivity of Rhodium and Iridium Complexes of the Chelating Bis-Sulfoxide<i>t</i>BuSOC₂H₄SO<i>t</i>Bu. Selective Oâˆ’H Activation of 2-Hydroxy-<i>iso</i>propyl-pyridine. Inorganic Chemistry, 2008, 47, 6502-6512.	1.9	14
100	Palladium-Catalyzed Cross-Coupling Reactions with Fluorinated Substrates: Mechanistic Insights into the Undesired Hydrodehalogenation of Aryl Halides. Organometallics, 2012, 31, 1271-1274.	1.1	14
101	Controlled Selectivity through Reversible Inhibition of the Catalyst: Stereodivergent Semihydrogenation of Alkynes. Journal of the American Chemical Society, 2022, 144, 13266-13275.	6.6	14
102	Direct Conversion of Alcohols into Alkenes by Dehydrogenative Coupling with Hydrazine/Hydrazone Catalyzed by Manganese. Angewandte Chemie, 2018, 130, 13632-13636.	1.6	13
103	Autocatalytic and oscillatory reaction networks that form guanidines and products of their cyclization. Nature Communications, 2021, 12, 2994.	5.8	13
104	New Ruthenium Nitrosyl Pincer Complexes Bearing an O2 Ligand. Mono-Oxygen Transfer. Inorganic Chemistry, 2015, 54, 2253-2263.	1.9	12
105	CO₂ activation by metalâˆ’ligand-cooperation mediated by iridium pincer complexes. Journal of Coordination Chemistry, 2018, 71, 1679-1689.	0.8	12
106	Fast Ion-Chelate Dissociation Rate for <i>In Vivo</i> MRI of Labile Zinc with Frequency-Specific Encodability. Journal of the American Chemical Society, 2021, 143, 11751-11758.	6.6	12
107	Manganese Catalyzed Hydrogenation of Azo (N=N) Bonds to Amines. Advanced Synthesis and Catalysis, 2021, 363, 3744-3749.	2.1	12
108	The Impact of Weak Cï£¿Hâ‹…â‹…â‹…Rh Interactions on the Structure and Reactivity of <i>trans</i>â€[Rh(CO)₂(phosphine)₂]⁺: An Experimental and Theoretical Examination. Chemistry - A European Journal, 2008, 14, 8183-8194.	1.7	11

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109	Generation of Mono- and Bimetallic Palladium Complexes and Mechanistic Insight into an Operative Metal Ring-Walking Process. Organometallics, 2015, 34, 1098-1106.	1.1	11
110	syn-Bimane as a chelating O-donor ligand for palladium(ii). Dalton Transactions, 2016, 45, 17123-17131.	1.6	11
111	[5,10,15,20-meso-Tetrakis(2-thienyl)porphyrinato-Îº4N]copper(II). Acta Crystallographica Section E: Structure Reports Online, 2001, 57, m346-m348.	0.2	10
112	Lanthanideâ˘'Organic Framework of a Rigid Bis-Gd Complex: Composed by Carbonate Ions Spacers. Crystal Growth and Design, 2010, 10, 4235-4239.	1.4	10
113	Photocatalytic Splitting of CS₂ to S₈ and a Carbonâ€"Sulfur Polymer Catalyzed by a Bimetallic Ruthenium(II) Compound with a Tertiary Amine Binding Site: Toward Photocatalytic Splitting of CO₂?. Inorganic Chemistry, 2011, 50, 11273-11275.	1.9	10
114	Sorting of Molecular Building Blocks from Solution to Surface. Journal of the American Chemical Society, 2018, 140, 8162-8171.	6.6	10
115	Formation of Alkanes by Aerobic Carbonâ€"Carbon Bond Coupling Reactions Catalyzed by a Phosphovanadomolybdic Acid. ACS Catalysis, 2017, 7, 2725-2729.	5.5	9
116	Kinetic Selection in the Outâ€ofâ€Equilibrium Autocatalytic Reaction Networks that Produce Macrocyclic Peptides. Angewandte Chemie - International Edition, 2021, 60, 20366-20375.	7.2	9
117	Dehydrogenative ester synthesis from enol ethers and water with a ruthenium complex catalyzing two reactions in synergy. Green Chemistry, 2022, 24, 1481-1487.	4.6	8
118	Formal oxidative addition of a Câ€"H bond by a 16e iridium(<scp>i</scp>) complex involves metalâ€"ligand cooperation. Chemical Communications, 2018, 54, 5365-5368.	2.2	7
119	Quenching of syn-bimane fluorescence by Na+ complexation. New Journal of Chemistry, 2018, 42, 15541-15545.	1.4	7
120	Câ˘'C Bond Formation of Benzyl Alcohols and Alkynes Using a Catalytic Amount of KO^tBu: Unusual Regioselectivity through a Radical Mechanism. Angewandte Chemie, 2019, 131, 3411-3415.	1.6	7
121	<i>syn</i>-(Me,Me)Bimane as a Structural Building Block in Metal Coordination Architectures. Crystal Growth and Design, 2019, 19, 4358-4368.	1.4	6
122	Long-Range Through-Bond Heteronuclear Communication in Platinum Complexes. Inorganic Chemistry, 2009, 48, 4021-4030.	1.9	5
123	Aliphatic and aromatic Câ€"H activation of benzo[h]quinolines by Rh(I). Unique precursor dependent formation of mono-, di- and trinuclear complexes. Inorganica Chimica Acta, 2011, 369, 260-269.	1.2	4
124	Chemical Modifications Suppress Anharmonic Effects in the Lattice Dynamics of Organic Semiconductors. ACS Materials Au, 0, , .	2.6	4
125	Hydrogen-bonded supramolecular lattice of the 1:3:4 complex between [5,10,15,20-meso-tetrakis(4-hydroxyphenyl)porphyrinato-Îº4N]zinc(II), dibenzo-24-crown-8 and methanol. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, m344-m346.	0.4	3
126	meso-(4-Nitrophenyl)dipyrromethane. Acta Crystallographica Section E: Structure Reports Online, 2002, 58, o530-o531.	0.2	3

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127	Copper(I) Complexes of Bipyridine and Terpyridine with Fluorous Tails and the Formation of Crystalline Materials with Fluorous Layers. European Journal of Inorganic Chemistry, 2011, 2011, 1792-1796.	1.0	3
128	A Phosphine-Accelerated Ar_Fâ€“Chloride Bond Activation Process by Palladium. Organometallics, 2013, 32, 3074-3082.	1.1	3
129	Cation-Ligand Complexation Mediates the Temporal Evolution of Colloidal Fluoride Nanocrystals through Transient Aggregation. Nano Letters, 2021, 21, 9916-9921.	4.5	2
130	Kinetic Selection in the Outâ€ofâ€Equilibrium Autocatalytic Reaction Networks that Produce Macrocyclic Peptides. Angewandte Chemie, 2021, 133, 20529-20538.	1.6	0