

Yael Diskin-Posner

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	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
2	±-Oligofurans. <i>Journal of the American Chemical Society</i> , 2010, 132, 2148-2150.	13.7	246
3	Iron Pincer Complex Catalyzed, Environmentally Benign, <i>ε</i> -Selective Semi-Hydrogenation of Alkynes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14131-14134.	13.8	215
4	Photoreduction of Carbon Dioxide to Carbon Monoxide with Hydrogen Catalyzed by a Rhenium(I) Phenanthroline-Polyoxometalate Hybrid Complex. <i>Journal of the American Chemical Society</i> , 2011, 133, 188-190.	13.7	206
5	Iron Borohydride Pincer Complexes for the Efficient Hydrogenation of Ketones under Mild, Base-Free Conditions: Synthesis and Mechanistic Insight. <i>Chemistry - A European Journal</i> , 2012, 18, 7196-7209.	3.3	180
6	Reusable Homogeneous Catalytic System for Hydrogen Production from Methanol and Water. <i>ACS Catalysis</i> , 2014, 4, 2649-2652.	11.2	176
7	Manganese-Catalyzed <i>N</i> -Formylation of Amines by Methanol Liberating H ₂ : A Catalytic and Mechanistic Study. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4229-4233.	13.8	170
8	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
9	Crystal Engineering of Metalloporphyrin Zeolite Analogues. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1288-1292.	13.8	149
10	Reversible chromism of spiropyran in the cavity of a flexible coordination cage. <i>Nature Communications</i> , 2018, 9, 641.	12.8	148
11	Direct Synthesis of Amides by Dehydrogenative Coupling of Amines with either Alcohols or Esters: Manganese Pincer Complex as Catalyst. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14992-14996.	13.8	141
12	Selective <i>N</i> -Formylation of Amines with H ₂ and CO ₂ Catalyzed by Cobalt Pincer Complexes. <i>ACS Catalysis</i> , 2017, 7, 2500-2504.	11.2	137
13	Synthesis of Cyclic Imides by Acceptorless Dehydrogenative Coupling of Diols and Amines Catalyzed by a Manganese Pincer Complex. <i>Journal of the American Chemical Society</i> , 2017, 139, 11722-11725.	13.7	135
14	A New Mode of Activation of CO ₂ by Metal-Ligand Cooperation with Reversible C≡C and M≡O Bond Formation at Ambient Temperature. <i>Chemistry - A European Journal</i> , 2012, 18, 9194-9197.	3.3	125
15	Synthesis of Pyrazines and Quinoxalines via Acceptorless Dehydrogenative Coupling Routes Catalyzed by Manganese Pincer Complexes. <i>ACS Catalysis</i> , 2018, 8, 7734-7741.	11.2	124
16	Reversible CO ₂ binding triggered by metal-ligand cooperation in a rhenium(<i>scpi</i>) PNP pincer-type complex and the reaction with dihydrogen. <i>Chemical Science</i> , 2014, 5, 2043-2051.	7.4	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. <i>Inorganic Chemistry</i> , 2015, 54, 4526-4538.	4.0	119
18	A novel liquid organic hydrogen carrier system based on catalytic peptide formation and hydrogenation. <i>Nature Communications</i> , 2015, 6, 6859.	12.8	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. <i>Journal of the American Chemical Society</i> , 2013, 135, 17004-17018.	13.7	110
20	Reversible photoswitching of encapsulated azobenzenes in water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9379-9384.	7.1	110
21	N-Substituted Hydrazones by Manganese-Catalyzed Coupling of Alcohols with Hydrazine: Borrowing Hydrogen and Acceptorless Dehydrogenation in One System. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2179-2182.	13.8	104
22	Highly Selective, Efficient Deoxygenative Hydrogenation of Amides Catalyzed by a Manganese Pincer Complex via Metal-Ligand Cooperation. <i>ACS Catalysis</i> , 2018, 8, 8014-8019.	11.2	100
23	Synthesis and Reactivity of an Iridium(I) Acetylonyl PNP Complex. Experimental and Computational Study of Metal-Ligand Cooperation in H ^α -H and C ^α -H Bond Activation via Reversible Ligand Dearomatization. <i>Organometallics</i> , 2010, 29, 3817-3827.	2.3	97
24	Reductive Cleavage of CO ₂ by Metal-Ligand-Cooperation Mediated by an Iridium Pincer Complex. <i>Journal of the American Chemical Society</i> , 2016, 138, 6445-6454.	13.7	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. <i>Organometallics</i> , 2009, 28, 4791-4806.	2.3	84
26	Supramolecular assembly of metalloporphyrins in crystals by axial coordination through amine ligands. <i>Dalton Transactions RSC</i> , 2001, , 2775-2782.	2.3	83
27	N-H Activation by Rh(I) via Metal-Ligand Cooperation. <i>Organometallics</i> , 2012, 31, 4083-4101.	2.3	83
28	Crystal Engineering of Porphyrin Sieves Based on Coordination Polymers of Pd- and Pt-tetra(4-carboxyphenyl)porphyrin. <i>Crystal Growth and Design</i> , 2003, 3, 855-863.	3.0	81
29	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
30	Dehydrogenative Cross-Coupling of Primary Alcohols To Form Cross-Esters Catalyzed by a Manganese Pincer Complex. <i>ACS Catalysis</i> , 2019, 9, 479-484.	11.2	79
31	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
32	Assembly of Crystalline Halogen-Bonded Materials by Physical Vapor Deposition. <i>Journal of the American Chemical Society</i> , 2008, 130, 8162-8163.	13.7	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. <i>Inorganic Chemistry</i> , 2015, 54, 4909-4926.	4.0	76
34	From porphyrin sponges to porphyrin sieves: a unique crystalline lattice of aquazinc tetra(4-carboxyphenyl)porphyrin with nanosized channels. <i>Chemical Communications</i> , 1999, , 1961-1962.	4.1	73
35	Mononuclear Rh(II) PNP-Type Complexes. Structure and Reactivity. <i>Inorganic Chemistry</i> , 2007, 46, 10479-10490.	4.0	66
36	Formal loss of an H radical by a cobalt complex via metal-ligand cooperation. <i>Chemical Communications</i> , 2013, 49, 2771.	4.1	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. <i>Nucleic Acids Research</i> , 2013, 41, 8748-8759.	14.5	60
38	Crystal Engineering of 2-D and 3-D Multiporphyrin Architectures – The Versatile Topologies of Tetracarboxyphenylporphyrin-Based Materials. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2515-2523.	2.0	59
39	Strongly Anharmonic Octahedral Tilting in Two-Dimensional Hybrid Halide Perovskites. <i>ACS Nano</i> , 2021, 15, 10153-10162.	14.6	59
40	Direct Synthesis of Secondary Amines From Alcohols and Ammonia Catalyzed by a Ruthenium Pincer Complex. <i>Catalysis Letters</i> , 2015, 145, 139-144.	2.6	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. <i>Organometallics</i> , 2008, 27, 2627-2634.	2.3	57
42	Iron Dicarbonyl Complexes Featuring Bipyridine-Based PNN Pincer Ligands with Short Interpyridine C–C Bond Lengths: Innocent or Non-Innocent Ligand?. <i>Chemistry - A European Journal</i> , 2014, 20, 4403-4413.	3.3	56
43	Synthesis, Structures, and Dearomatization by Deprotonation of Iron Complexes Featuring Bipyridine-based PNN Pincer Ligands. <i>Inorganic Chemistry</i> , 2013, 52, 9636-9649.	4.0	53
44	New effective synthons for supramolecular self-assembly of meso-carboxyphenylporphyrins. <i>Chemical Communications</i> , 2000, , 585-586.	4.1	52
45	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
46	High Charge Delocalization and Conjugation in Oligofuran Molecular Wires. <i>Chemistry - A European Journal</i> , 2013, 19, 13140-13150.	3.3	52
47	CO Oxidation by N_2O Homogeneously Catalyzed by Ruthenium Hydride Pincer Complexes Indicating a New Mechanism. <i>Journal of the American Chemical Society</i> , 2018, 140, 7061-7064.	13.7	52
48	Direct Conversion of Alcohols into Alkenes by Dehydrogenative Coupling with Hydrazine/Hydrazone Catalyzed by Manganese. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13444-13448.	13.8	50
49	Solid-state supramolecular chemistry of porphyrins. Stacked and layered heterogeneous aggregation modes of tetraarylporphyrins with crown ethers. <i>New Journal of Chemistry</i> , 1999, 23, 885-890.	2.8	49
50	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
51	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
52	Bottom-Up Construction of a CO ₂ -Based Cycle for the Photocarbonylation of Benzene, Promoted by a Rhodium(I) Pincer Complex. <i>Journal of the American Chemical Society</i> , 2016, 138, 9941-9950.	13.7	49
53	Manganese-Catalyzed N-Formylation of Amines by Methanol Liberating H ₂ : A Catalytic and Mechanistic Study. <i>Angewandte Chemie</i> , 2017, 129, 4293-4297.	2.0	49
54	Selective Acceptorless Conversion of Primary Alcohols to Acetals and Dihydrogen Catalyzed by the Ruthenium(II) Complex Ru(PPh ₃) ₂ (NCCH ₃) ₂ (SO ₄). <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 497-504.	4.3	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. <i>Journal of the American Chemical Society</i> , 2013, 135, 11040-11047.	13.7	48
56	Formamides as Isocyanate Surrogates: A Mechanistically Driven Approach to the Development of Atom-Efficient, Selective Catalytic Syntheses of Ureas, Carbamates, and Heterocycles. <i>Journal of the American Chemical Society</i> , 2019, 141, 16486-16493.	13.7	47
57	PNS-Type Ruthenium Pincer Complexes. <i>Organometallics</i> , 2012, 31, 6207-6214.	2.3	45
58	Crystal engineering of metalloporphyrin assemblies. New supramolecular architectures mediated by bipyridyl ligands. <i>Chemical Communications</i> , 2002, , 1420-1421.	4.1	42
59	Competitive C ^H versus C ^N Reductive Elimination from a Rh ^{III} Complex. Selectivity is Controlled by the Solvent. <i>Journal of the American Chemical Society</i> , 2008, 130, 14374-14375.	13.7	42
60	O ₂ Activation by Metal ^L Ligand Cooperation with Ir PNP Pincer Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 4634-4637.	13.7	42
61	PNN Ruthenium Pincer Complexes Based on Phosphinated 2,2'-Dipyridinemethane and 2,2'-Oxobispyridine. Metal ^L Ligand Cooperation in Cyclometalation and Catalysis. <i>Organometallics</i> , 2013, 32, 2973-2982.	2.3	40
62	Porphyrin sieves. Designing open networks of tetra(carboxyphenyl)porphyrins by extended coordination through sodium ion auxiliaries. <i>New Journal of Chemistry</i> , 2001, 25, 899-904.	2.8	39
63	Direct Synthesis of Amides by Dehydrogenative Coupling of Amines with either Alcohols or Esters: Manganese Pincer Complex as Catalyst. <i>Angewandte Chemie</i> , 2017, 129, 15188-15192.	2.0	39
64	Metal ^L Ligand Cooperation as Key in Formation of Dearomatized Ni ^{II} -H Pincer Complexes and in Their Reactivity toward CO and CO ₂ . <i>Organometallics</i> , 2018, 37, 2217-2221.	2.3	39
65	Improving Fatigue Resistance of Dihydropyrene by Encapsulation within a Coordination Cage. <i>Journal of the American Chemical Society</i> , 2020, 142, 14557-14565.	13.7	39
66	Structural basis of reactivation of oncogenic p53 mutants by a small molecule: methylene quinuclidinone (MQ). <i>Nature Communications</i> , 2021, 12, 7057.	12.8	39
67	Bismuth-Substituted μ_2 -Sandwich-Type Polyoxometalate Catalyst for Activation of Peroxide: Umpolung of the Peroxo Intermediate and Change of Chemoselectivity. <i>ACS Catalysis</i> , 2015, 5, 3336-3341.	11.2	38
68	Reversible switching of arylazopyrazole within a metal ^L organic cage. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2398-2407.	2.2	35
69	Exclusive C ^C Oxidative Addition in a Rhodium Thiophosphoryl Pincer Complex and Computational Evidence for an η^3 -C ^H Agostic Intermediate. <i>Organometallics</i> , 2012, 31, 505-512.	2.3	33
70	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
71	Pyridine-Based PCP-Ruthenium Complexes: Unusual Structures and Metal ^L Ligand Cooperation. <i>Journal of the American Chemical Society</i> , 2019, 141, 7554-7561.	13.7	32
72	Formation of thioesters by dehydrogenative coupling of thiols and alcohols with H ₂ evolution. <i>Nature Catalysis</i> , 2020, 3, 887-892.	34.4	32

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73	Pyridine-Based Sulfoxide Pincer Complexes of Rhodium and Iridium. <i>Organometallics</i> , 2008, 27, 1892-1901.	2.3	30
74	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
75	Supramolecular porphyrin-based materials. Assembly modes of [5,10,15,20-tetrakis(4-hydroxyphenyl)porphyrinato]zinc with bipyridyl ligands. <i>CrystEngComm</i> , 2002, 4, 296-301.	2.6	29
76	Ru(0) and Ru(II) Nitrosyl Pincer Complexes: Structure, Reactivity, and Catalytic Activity. <i>Inorganic Chemistry</i> , 2013, 52, 11469-11479.	4.0	29
77	N-Substituted Hydrazones by Manganese-Catalyzed Coupling of Alcohols with Hydrazine: Borrowing Hydrogen and Acceptorless Dehydrogenation in One System. <i>Angewandte Chemie</i> , 2018, 130, 2201-2204.	2.0	29
78	The Ferraquinone-Ferrahydroquinone Couple: Combining Quinonic and Metal-Based Reactivity. <i>Journal of the American Chemical Society</i> , 2017, 139, 2799-2807.	13.7	28
79	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
80	Maximizing Property Tuning of Phosphorus Corrole Photocatalysts through a Trifluoromethylation Approach. <i>Inorganic Chemistry</i> , 2019, 58, 6184-6198.	4.0	27
81	Catalytic Oxidative Deamination by Water with H ₂ Liberation. <i>Journal of the American Chemical Society</i> , 2020, 142, 20875-20882.	13.7	26
82	Positive shift in corrole redox potentials leveraged by modest ¹² -CF ₃ -substitution helps achieve efficient photocatalytic C-H bond functionalization by group 13 complexes. <i>Dalton Transactions</i> , 2019, 48, 12279-12286.	3.3	24
83	Anharmonic Lattice Vibrations in Small-Molecule Organic Semiconductors. <i>Advanced Materials</i> , 2020, 32, 1908028.	21.0	24
84	C-C Bond Formation of Benzyl Alcohols and Alkynes Using a Catalytic Amount of KO ^t Bu: Unusual Regioselectivity through a Radical Mechanism. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3373-3377.	13.8	23
85	Synthesis of oxalamides by acceptorless dehydrogenative coupling of ethylene glycol and amines and the reverse hydrogenation catalyzed by ruthenium. <i>Chemical Science</i> , 2020, 11, 7188-7193.	7.4	23
86	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
87	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
88	Avilamycin and evernimicin induce structural changes in rProteins uL16 and CTC that enhance the inhibition of A-site tRNA binding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6796-E6805.	7.1	21
89	Polymorphism of l-Tryptophan. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18788-18792.	13.8	21
90	Pyridine-based SNS-iridium and -rhodium sulfide complexes, including d ⁸ -d ⁸ metal-metal interactions in the solid state. <i>Dalton Transactions</i> , 2008, , 3226.	3.3	20

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91	Controlling the helicity of π -conjugated oligomers by tuning the aromatic backbone twist. <i>Nature Communications</i> , 2022, 13, 451.	12.8	20
92	Near-Ambient-Temperature Dehydrogenative Synthesis of the Amide Bond: Mechanistic Insight and Applications. <i>ACS Catalysis</i> , 2021, 11, 7383-7393.	11.2	19
93	Iron-catalysed ring-opening metathesis polymerization of olefins and mechanistic studies. <i>Nature Catalysis</i> , 2022, 5, 494-502.	34.4	19
94	Synthesis and Reactivity of Cationic Boron Complexes Distorted by Pyridine-based Pincer Ligands: Isolation of a Photochemical Hofmann-Martius-type Intermediate. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4932-4936.	13.8	18
95	Manganese-Pincer-Catalyzed Nitrile Hydration, β -Deuteration, and β -Deuterated Amide Formation via Metal Ligand Cooperation. <i>ACS Catalysis</i> , 2021, 11, 10239-10245.	11.2	17
96	Superstructured metallocorroles for electrochemical CO_2 reduction. <i>Chemical Communications</i> , 2019, 55, 11912-11915.	4.1	16
97	Palladium Complexes of Corroles and Sapphyrins. <i>Chemistry - A European Journal</i> , 2020, 26, 9481-9485.	3.3	15
98	Ternary host-guest complexes with rapid exchange kinetics and photoswitchable fluorescence. <i>Chem</i> , 2022, 8, 2362-2379.	11.7	15
99	Synthesis, Structure, and Reactivity of Rhodium and Iridium Complexes of the Chelating Bis-Sulfoxide $\text{t-BuSOC}_2\text{H}_4\text{SOt-Bu}$. Selective O^{\sim}H Activation of 2-Hydroxy- <i>iso</i> propyl-pyridine. <i>Inorganic Chemistry</i> , 2008, 47, 6502-6512.	4.0	14
100	Palladium-Catalyzed Cross-Coupling Reactions with Fluorinated Substrates: Mechanistic Insights into the Undesired Hydrodehalogenation of Aryl Halides. <i>Organometallics</i> , 2012, 31, 1271-1274.	2.3	14
101	Controlled Selectivity through Reversible Inhibition of the Catalyst: Stereodivergent Semihydrogenation of Alkynes. <i>Journal of the American Chemical Society</i> , 2022, 144, 13266-13275.	13.7	14
102	Direct Conversion of Alcohols into Alkenes by Dehydrogenative Coupling with Hydrazine/Hydrazone Catalyzed by Manganese. <i>Angewandte Chemie</i> , 2018, 130, 13632-13636.	2.0	13
103	Autocatalytic and oscillatory reaction networks that form guanidines and products of their cyclization. <i>Nature Communications</i> , 2021, 12, 2994.	12.8	13
104	New Ruthenium Nitrosyl Pincer Complexes Bearing an O_2 Ligand. Mono-Oxygen Transfer. <i>Inorganic Chemistry</i> , 2015, 54, 2253-2263.	4.0	12
105	CO_2 activation by metal π -ligand-cooperation mediated by iridium pincer complexes. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1679-1689.	2.2	12
106	Fast Ion-Chelate Dissociation Rate for <i>In Vivo</i> MRI of Labile Zinc with Frequency-Specific Encodability. <i>Journal of the American Chemical Society</i> , 2021, 143, 11751-11758.	13.7	12
107	Manganese Catalyzed Hydrogenation of Azo ($\text{N}=\text{N}$) Bonds to Amines. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3744-3749.	4.3	12
108	The Impact of Weak $\text{C}\ddot{\text{I}}\ddot{\text{H}}\cdots\ddot{\text{a}}\cdots\ddot{\text{a}}\cdots\text{Rh}$ Interactions on the Structure and Reactivity of $\text{trans-}\{\text{Rh}(\text{CO})_2(\text{phosphine})_2\}^+$: An Experimental and Theoretical Examination. <i>Chemistry - A European Journal</i> , 2008, 14, 8183-8194.	3.3	11

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109	Generation of Mono- and Bimetallic Palladium Complexes and Mechanistic Insight into an Operative Metal Ring-Walking Process. <i>Organometallics</i> , 2015, 34, 1098-1106.	2.3	11
110	syn-Bimane as a chelating O-donor ligand for palladium(ii). <i>Dalton Transactions</i> , 2016, 45, 17123-17131.	3.3	11
111	[5,10,15,20-meso-Tetrakis(2-thienyl)porphyrinato- N^4]copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, m346-m348.	0.2	10
112	Lanthanide O^{II} Organic Framework of a Rigid Bis-Gd Complex: Composed by Carbonate Ions Spacers. <i>Crystal Growth and Design</i> , 2010, 10, 4235-4239.	3.0	10
113	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
114	Sorting of Molecular Building Blocks from Solution to Surface. <i>Journal of the American Chemical Society</i> , 2018, 140, 8162-8171.	13.7	10
115	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
116	Kinetic Selection in the Out-of-Equilibrium Autocatalytic Reaction Networks that Produce Macrocyclic Peptides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20366-20375.	13.8	9
117	Dehydrogenative ester synthesis from enol ethers and water with a ruthenium complex catalyzing two reactions in synergy. <i>Green Chemistry</i> , 2022, 24, 1481-1487.	9.0	8
118	Formal oxidative addition of a C-H bond by a 16e iridium(I) complex involves metal-ligand cooperation. <i>Chemical Communications</i> , 2018, 54, 5365-5368.	4.1	7
119	Quenching of syn-bimane fluorescence by Na^+ complexation. <i>New Journal of Chemistry</i> , 2018, 42, 15541-15545.	2.8	7
120	C-C Bond Formation of Benzyl Alcohols and Alkynes Using a Catalytic Amount of KO^tBu : Unusual Regioselectivity through a Radical Mechanism. <i>Angewandte Chemie</i> , 2019, 131, 3411-3415.	2.0	7
121	<i>syn</i> -(Me,Me)Bimane as a Structural Building Block in Metal Coordination Architectures. <i>Crystal Growth and Design</i> , 2019, 19, 4358-4368.	3.0	6
122	Long-Range Through-Bond Heteronuclear Communication in Platinum Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 4021-4030.	4.0	5
123	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
124	Chemical Modifications Suppress Anharmonic Effects in the Lattice Dynamics of Organic Semiconductors. <i>ACS Materials Au</i> , 0, , .	6.0	4
125	Hydrogen-bonded supramolecular lattice of the 1:3:4 complex between [5,10,15,20-meso-tetrakis(4-hydroxyphenyl)porphyrinato- N^4]zinc(II), dibenzo-24-crown-8 and methanol. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2002, 58, m344-m346.	0.4	3
126	meso-(4-Nitrophenyl)dipyromethane. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002, 58, o530-o531.	0.2	3

#	ARTICLE	IF	CITATIONS
127	Copper(I) Complexes of Bipyridine and Terpyridine with Fluorous Tails and the Formation of Crystalline Materials with Fluorous Layers. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1792-1796.	2.0	3
128	A Phosphine-Accelerated Ar_F-Chloride Bond Activation Process by Palladium. <i>Organometallics</i> , 2013, 32, 3074-3082.	2.3	3
129	Cation-Ligand Complexation Mediates the Temporal Evolution of Colloidal Fluoride Nanocrystals through Transient Aggregation. <i>Nano Letters</i> , 2021, 21, 9916-9921.	9.1	2
130	Kinetic Selection in the Out-of-Equilibrium Autocatalytic Reaction Networks that Produce Macrocyclic Peptides. <i>Angewandte Chemie</i> , 2021, 133, 20529-20538.	2.0	0