

Robert Wolf

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Substituent Effects in Formally Quintuple-Bonded ArCrCrAr Compounds (Ar = Terphenyl) and Related Species. <i>Inorganic Chemistry</i> , 2007, 46, 11277-11290.	1.9	149
2	Synthesis and Characterization of the Homologous M ⁿ -M Bonded Series Ar ⁿ -MMAr ⁿ (M = Zn, Cd, or Hg; n = 0, 1, 2, 3, 4). <i>Journal of the American Chemical Society</i> , 2007, 129, 10847-10857.	6.6	138
3	Heteroatom-Free Arene-Cobalt and Arene-Iron Catalysts for Hydrogenations. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3722-3726.	7.2	136
4	C ₁₂ H Photooxygenation of Alkyl Benzenes Catalyzed by Riboflavin Tetraacetate and a Non-Heme Iron Catalyst. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 427-430.	7.2	136
5	Halogenase-Inspired Oxidative Chlorination Using Flavin Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5342-5345.	7.2	126
6	Photocatalytic benzylic C-H bond oxidation with a flavin scandium complex. <i>Chemical Communications</i> , 2015, 51, 8425-8428.	2.2	111
7	Isomeric Forms of Heavier Main Group Hydrides: Experimental and Theoretical Studies of the [Sn(Ar)H] ₂ (Ar = Terphenyl) System. <i>Journal of the American Chemical Society</i> , 2007, 129, 16197-16208.	6.6	102
8	Selective P ₄ activation by an organometallic nickel radical: formation of a dinuclear nickel tetrakisphosphide and related di- and trichalcogenides. <i>Chemical Communications</i> , 2014, 50, 7014-7016.	2.2	96
9	Transition-Metal-Mediated Functionalization of White Phosphorus. <i>Chemistry - A European Journal</i> , 2021, 27, 1886-1902.	1.7	75
10	Direct catalytic transformation of white phosphorus into arylphosphines and phosphonium salts. <i>Nature Catalysis</i> , 2019, 2, 1101-1106.	16.1	72
11	Alkene Metalates as Hydrogenation Catalysts. <i>Chemistry - A European Journal</i> , 2017, 23, 3139-3151.	1.7	66
12	Coordination chemistry of elemental phosphorus. <i>Coordination Chemistry Reviews</i> , 2021, 441, 213927.	9.5	65
13	Monomeric, Two-Coordinate, Univalent Chromium(I) Compounds: Steric Prevention of Metal-Metal Bond Formation. <i>Journal of the American Chemical Society</i> , 2007, 129, 6076-6077.	6.6	64
14	Synthesis and Reactivity of Nickel-Stabilised $\frac{1}{4} \text{P}_4$, $\frac{1}{2} \text{P}_2$, and P_2 As ₂ and PAs Units. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 431-436.	7.2	63
15	Synthesis of monophosphines directly from white phosphorus. <i>Nature Chemistry</i> , 2021, 13, 458-464.	6.6	63
16	Boron-Pnictogen Multiple Bonds: Donor-Stabilized PB and AsB Bonds and a Hindered Iminoborane with a B-N Triple Bond. <i>Inorganic Chemistry</i> , 2007, 46, 2971-2978.	1.9	62
17	The Homoleptic Sandwich Anion [Co(P ₂ C ₂ tBu ₂) ₂] ⁻ : A Versatile Building Block for Phosphaorganometallic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4584-4587.	7.2	60
18	Main group and transition metal-mediated phosphalkyne oligomerizations. <i>Coordination Chemistry Reviews</i> , 2014, 270-271, 57-74.	9.5	60

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19	Iron-catalyzed olefin hydrogenation at 1 bar H_2 with a $FeCl_3 \cdot LiAlH_4$ catalyst. <i>Green Chemistry</i> , 2015, 17, 1408-1413.	4.6	58
20	Amine-Borane Dehydrogenation and Transfer Hydrogenation Catalyzed by π -Diimine Cobaltates. <i>Chemistry - A European Journal</i> , 2019, 25, 238-245.	1.7	58
21	Main-Group Metal Clusters Stabilized by N -Heterocyclic Carbenes. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6774-6776.	7.2	50
22	Selective P_4 Activation by a Highly Reduced Cobaltate: Synthesis of Dicobalt Tetraphosphido Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 6094-6102.	1.7	50
23	Syntheses and Molecular Structures of Novel Alkali Metal Tetraorganylcyclopentaphosphanides and Tetraorganyltetraphosphane-1,4-diides. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3277-3286.	1.0	48
24	The reactivity of gallium-(i), -(ii) and -(iii) heterocycles towards Group 15 substrates: attempts to prepare gallium-terminal pnictinidene complexes. <i>Dalton Transactions</i> , 2006, , 64-72.	1.6	48
25	A Phosphorus Analogue of Bis(η^4 -cyclobutadiene)iron(0). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3104-3107.	7.2	48
26	Cobalt-Catalyzed Hydrogenations via Olefin Cobaltate and Hydride Intermediates. <i>ACS Catalysis</i> , 2019, 9, 7596-7606.	5.5	46
27	Homoleptic Diphosphacyclobutadiene Complexes $[M(\eta^4-P_2C_2R_2)_2]_x$ ($M=Fe, Co$; $x=0, 1$). <i>Chemistry - A European Journal</i> , 2010, 16, 14322-14334.	1.7	43
28	Reactions of Terphenylbismuth Dihalides with $KSi(SiMe_3)_3$, $K_2Si_2(SiMe_3)_4$ and $Na_2[Fe(CO)]_4$: Reduction vs. Metathesis. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 2515-2521.	1.0	42
29	A Cyclometalated Ruthenium-NHC Precatalyst for the Asymmetric Hydrogenation of (Hetero)arenes and Its Activation Pathway. <i>Organometallics</i> , 2016, 35, 3641-3646.	1.1	42
30	Coordination Chemistry of the η^5 - t -Bu $_2$ Ion: Monomeric and Oligomeric Copper(I), Silver(I) and Gold(I) Complexes. <i>Chemistry - A European Journal</i> , 2008, 14, 4511-4520.	1.7	41
31	Synthesis of Anionic Iron Polyphosphides by Reaction of White Phosphorus with Cp^*Fe . <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6657-6660.	7.2	41
32	Di- t -butyldiphosphatetrahedrane: Catalytic Synthesis of the Elusive Phosphaalkyne Dimer. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16918-16922.	7.2	39
33	Phosphinine-based ligands: Recent developments in coordination chemistry and applications. <i>Coordination Chemistry Reviews</i> , 2021, 433, 213729.	9.5	39
34	Highly chemoselective cobalt-catalyzed biaryl coupling reactions. <i>Chemical Science</i> , 2013, 4, 776-784.	3.7	38
35	Versatile Visible-Light-Driven Synthesis of Asymmetrical Phosphines and Phosphonium Salts. <i>Chemistry - A European Journal</i> , 2020, 26, 16374-16382.	1.7	38
36	A reactive iron naphthalene complex provides convenient access to the Cp^*Fe synthon ($Cp^*FeC_5Me_5$). <i>Chemical Communications</i> , 2010, 46, 2832.	2.2	36

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37	[3+2] Fragmentation of a Pentaphosphido Ligand by Cyanide. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18931-18936.	7.2	35
38	Unraveling the Electronic Structures of Low-Valent Naphthalene and Anthracene Iron Complexes: X-ray, Spectroscopic, and Density Functional Theory Studies. <i>Inorganic Chemistry</i> , 2012, 51, 6719-6730.	1.9	34
39	Oligophosphanid-Anionen: Synthesen und Molekülstrukturen von $[K_2(PMDETA)_2(P_4Ph_4)]$, $[K_2(PMDETA)(P_4tBu_4)]_2$ und $[K(PMDETA)(THF)\{cyclo-(P_5tBu_4)\}]$ (PMDETA = NMe(CH ₂ CH ₂ NMe ₂) ₂). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 727-734.	0.6	33
40	Synthese und Reaktivität von Nickel-stabilisierten μ_2 - μ_2 - μ_2 - μ_2 - μ_2 - μ_2 -As ₂ - und PAs-Einheiten. <i>Angewandte Chemie</i> , 2018, 130, 439-444.	1.6	33
41	$[Co@Sn_6Sb_6]$: An Off-Center Endohedral 12-Vertex Cluster. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15359-15363.	7.2	33
42	Oxidative P Bond Addition to Cobalt(II): Formation of a Low-Spin Cobalt(III) Phosphanido Complex. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15871-15875.	7.2	32
43	Accessing the CpArNi(I) Synthone: Reactions with N-Heterocyclic Carbenes, TEMPO, Sulfur, and Selenium. <i>Organometallics</i> , 2016, 35, 1624-1631.	1.1	31
44	P-C dichotomy: divergent iron-mediated alkyne and phosphalkyne cycloligomerisations. <i>Dalton Transactions</i> , 2010, 39, 1453-1456.	1.6	30
45	Recyclable cobalt(0) nanoparticle catalysts for hydrogenations. <i>Catalysis Science and Technology</i> , 2018, 8, 2648-2653.	2.1	30
46	Mono- and dinuclear tetraphosphabutadiene ferrate anions. <i>Dalton Transactions</i> , 2018, 47, 3693-3697.	1.6	30
47	Catalytic Properties of Low Oxidation State Iron Complexes in Cross-Coupling Reactions: Anthracene Iron(II) Complexes as Competent Catalysts. <i>ChemCatChem</i> , 2011, 3, 1572-1577.	1.8	29
48	Observation of a Chloride-Bridged P-P Bond in the Phosphorus Cation $[L(Cl)P(\mu_4-Cl)P(Cl)L]^+$ (L = NHC). <i>Organometallics</i> , 2013, 32, 6674-6680.	1.1	29
49	Construction of alkyl-substituted pentaphosphido ligands in the coordination sphere of cobalt. <i>Chemical Science</i> , 2019, 10, 1302-1308.	3.7	29
50	Electronic Structure and Magnetic Anisotropy of an Unsaturated Cyclopentadienyl Iron(I) Complex with 15 Valence Electrons. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7995-7999.	7.2	28
51	The (P ₄ HMe ₄)-Anion: A Liability, Fluxionality, and Structural Ambiguity (Mes = 2,4,6-Me ₃ C ₆ H ₂). <i>Inorganic Chemistry</i> , 2006, 45, 9107-9113.	1.9	27
52	Neutral and Cationic Hydridoruthenium Tetrakis-carbene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 918-925.	1.0	27
53	Photocatalytic Arylation of P ₄ and PH ₃ : Reaction Development Through Mechanistic Insight. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24650-24658.	7.2	27
54	Influence of Ring-Expanded N-Heterocyclic Carbenes on the Structures of Half-Sandwich Ni(I) Complexes: An X-ray, Electron Paramagnetic Resonance (EPR), and Electron Nuclear Double Resonance (ENDOR) Study. <i>Inorganic Chemistry</i> , 2016, 55, 11006-11017.	1.9	25

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55	Visible-Light-Driven Aerobic Photooxidation of Aldehydes to Methyl Esters Catalyzed by Riboflavin Tetraacetate. <i>ChemCatChem</i> , 2017, 9, 920-923.	1.8	25
56	HOW MANY KINDS OF PHOSPHORUS-PHOSPHORUS BONDS ARE POSSIBLE? REVIEW AND PERSPECTIVES. Phosphorus, Sulfur and Silicon and the Related Elements, 1995, 103, 1-24.	0.8	24
57	Iron(II), Cobalt(II), and Nickel(II) Complexes of a Cyclic (Alkyl)(amino)carbene. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 2581-2585.	0.6	23
58	Gold(I) and Silver(I) Complexes of Diphosphacyclobutadiene Cobaltate Sandwich Anions. <i>Chemistry - A European Journal</i> , 2013, 19, 2356-2369.	1.7	23
59	High-Resolution Spectroscopy of the Chiral Metal Complex [CpRe(CH ₃) ₃](CO)(NO): A Potential Candidate for Probing Parity Violation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11656-11659.	7.2	23
60	Insertion of phenyl isothiocyanate into a P-P bond of a nickel-substituted bicyclo[1.1.0]tetraphosphabutane. <i>Chemical Communications</i> , 2016, 52, 6601-6604.	2.2	23
61	Low-Valence Anionic π -Diimine Iron Complexes: Synthesis, Characterization, and Catalytic Hydroboration Studies. <i>Inorganic Chemistry</i> , 2020, 59, 16035-16052.	1.9	23
62	Synthesis and Molecular Structure of [Cp*Ta(Ph)(P6Ph5)]: A Terminal Phosphinidene Complex of the (P6Ph5) ₃ Ligand (Cp* = C5Me5). <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1348-1351.	1.0	22
63	Open-Shell First-Row Transition-Metal Polyhydride Complexes Based on the $\text{[RuH}_3\text{(PR}_3\text{)}_3\text{]}^+$ Building Block. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1314-1318.	7.2	21
64	Reaction of Phenyl Iso(thio)cyanate with N-Heterocyclic Carbene-Supported Nickel Complexes: Formation of Nickelacycles. <i>Organometallics</i> , 2016, 35, 2722-2727.	1.1	21
65	[Cp ^{Ar} Ni{Ga(nacnac)}]: An Open-Shell Nickel(I) Complex Supported by a Gallium(I) Carbenoid (Cp ^{Ar} = C ₅ H ₄ -4-Et). <i>Inorganic Chemistry</i> , 2016, 55, 3075-3078.	1.9	21
66	Pentaaryl cyclopentadienyl Iron, Cobalt, and Nickel Halides. <i>Inorganic Chemistry</i> , 2016, 55, 3065-3074.	1.9	21
67	Aggregation and Degradation of White Phosphorus Mediated by N-Heterocyclic Carbene Nickel(0) Complexes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14148-14153.	7.2	21
68	Facile C=O Bond Splitting of Carbon Dioxide Induced by Metal-Ligand Cooperativity in a Phosphinine Iron(0) Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15407-15411.	7.2	20
69	Synthesis and Molecular Structure of the Cu ₄ P ₈ Cage Compound [Cu ₄ (P ₄ Ph ₄) ₂ (PCyp ₃) ₃]. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6241-6244.	7.2	19
70	Synthesis of a Cyclic Co ₂ Sn ₂ Cluster Using a Co ⁺ Synthon. <i>Journal of the American Chemical Society</i> , 2018, 140, 13195-13199.	6.6	19
71	Different transmetallation behaviour of [M(P4HR ₄)] salts toward rhodium(i) and copper(i) (M = Na, K). <i>Inorganic Chemistry</i> , 2016, 55, 3065-3074.	1.6	17
72	Transfer Hydrogenation of Azo Compounds with Ammonia Borane Using a Simple Acyclic Phosphite Precatalyst. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4336-4344.	1.0	17

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73	Photochemical transformation of chlorobenzenes and white phosphorus into arylphosphines and phosphonium salts. <i>Chemical Communications</i> , 2022, 58, 1100-1103.	2.2	17
74	Synthesis and Electronic Structure of Dissymmetrical, Naphthalene-Bridged Sandwich Complexes $[\text{Cp}^* \text{Fe}(\eta^5\text{-C}_{10}\text{H}_8)\text{M}(\text{Cp}^*)]_2$ ($x = 0, +1$; $\text{M} = \text{Fe}, \text{Ru}$; $\text{Cp}^* = \text{C}_5\text{Me}_5$). <i>Journal of the American Chemical Society</i> , 2011, 133, 1100-1103.	1.1	16
75	Preparation of an Organometallic Molecular Square by Self-Assembly of Phosphorus-Containing Building Blocks. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2771-2775.	7.2	16
76	Di-tert-butylidiphosphatetrahedran: Katalytische Synthese des freien Phosphaalkin-Dimers. <i>Angewandte Chemie</i> , 2019, 131, 17074-17078.	1.6	16
77	[3+2]-Fragmentierung von Pentaphosphidoliganden durch Cyanid. <i>Angewandte Chemie</i> , 2019, 131, 19107-19112.	1.6	16
78	$[\text{Li}(\text{thf})_3\text{cyclo}(\text{P}4\text{tBu}4\text{CH})]_2$? synthesis, molecular structure and dynamic behaviour. <i>Chemical Communications</i> , 2004, , 2626.	2.2	15
79	Reactivity of cyclooligophosphanes: synthesis and structural characterisation of cyclo-1,4-(BH ₃) ₂ (P ₄ Ph ₄ CH ₂) and cyclo-1,2-(BH ₃) ₂ (P ₅ Ph ₅). <i>Dalton Transactions</i> , 2006, , 831-837.	1.6	14
80	Copper(I) and Silver(I) Complexes of 1,3-Diphosphacyclobutadiene Sandwich Anions: Synthesis, Crystal Structures, and Solution and Solid-State NMR Spectroscopic Characterization. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1638-1651.	1.0	14
81	Synthesis, Structure, and Reactivity of Pentamethylcyclopentadienyl 2,4,6-Triphenylphosphinine Iron Complexes. <i>Organometallics</i> , 2015, 34, 622-635.	1.1	14
82	Cobalt(I) and Nickel(II) Complexes of Bis(1,3-diphosphacyclobutadiene) Sandwich Anions. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 736-742.	1.0	14
83	P ⁺ P Condensation and P ⁺ N/P ⁺ P Bond Metathesis: Facile Synthesis of Cationic Tri- and Tetraphosphanes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3585-3591.	7.2	14
84	Heterogeneous Olefin Hydrogenation Enabled by a Highly Reduced Nickel(II) Catalyst Precursor. <i>Chemistry - A European Journal</i> , 2020, 26, 6113-6117.	1.7	14
85	Methyl Group Transfer from ZnMe ₂ to Arsenic(III), an Alternative Pathway to Deprotonation of $[\text{C}_6\text{H}_5\text{As}(\eta^5\text{-NCy})]_2$. <i>Organometallics</i> , 2001, 20, 4454-4456.	1.1	13
86	Oxidative P-P-Bindungsaddition an Cobalt(I): Bildung eines Low-spin-Cobalt(III)-Phosphanidokomplexes. <i>Angewandte Chemie</i> , 2017, 129, 16087-16091.	1.6	13
87	$[\text{Co@Sn}_6\text{Sb}_6]^{3+}$: Ein endohedrales 12-Atom-Cluster mit einem nicht-zentrierten inneren Atom. <i>Angewandte Chemie</i> , 2018, 130, 15585-15589.	1.6	13
88	Functionalization of Pentaphosphorus Cations by Complexation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18584-18590.	7.2	13
89	Triple Alkyl C-H Bond Activation Mediated by Ruthenium(II): Preparation of Isopropenyl-Substituted Carbene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4419-4422.	1.0	12
90	Redox-Active, Dinuclear Sandwich Compounds $[\text{Cp}^*\text{Fe}(\eta^5\text{-L})\text{FeCp}^*]$ (L = Naphthalene and Anthracene). <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 1632-1638.	1.0	12

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91	Towards Reagents for Bimetallic Activation Reactions: Polyhydride Complexes with Ru ₂ H ₃ , Ru ₂ ZnH ₆ , and Cu ₂ Ru ₂ H ₆ Cores. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3039-3048.	1.0	12
92	Low-oxidation state cobalt–magnesium complexes: ion-pairing and reactivity. <i>Dalton Transactions</i> , 2021, 50, 13985-13992.	1.6	12
93	Novel Ruthenium(II) Aluminate Anions: Building Blocks of Unique Cage Structures. <i>Organometallics</i> , 2012, 31, 8469-8477.	1.1	11
94	A tetradentate metalloligand: synthesis and coordination behaviour of a 2-pyridyl-substituted cyclobutadiene iron complex. <i>Dalton Transactions</i> , 2014, 43, 4247-4250.	1.6	11
95	Solid state NMR studies and chemical shift calculations of a gold(I) complex with a diphosphacyclobutadiene cobaltate sandwich anion. <i>Solid State Nuclear Magnetic Resonance</i> , 2013, 53, 13-19.	1.5	10
96	Flexidentate Coordination Behavior and Chemical Noninnocence of a Bis(1,3-diphosphacyclobutadiene) Sandwich Anion. <i>Chemistry - A European Journal</i> , 2019, 25, 8332-8343.	1.7	10
97	Synthesis of a carborane-substituted bis(phosphanido) cobaltate, ligand substitution, and unusual P ₄ fragmentation. <i>Chemical Science</i> , 2021, 12, 11225-11235.	3.7	10
98	Synthesis and molecular structure of bis(2-benzoylimino-benzimidazolinato)copper(II)-dimethylformamide – a metal-containing guanidine derivative. <i>Inorganic Chemistry Communication</i> , 1999, 2, 184-187.	1.8	9
99	Reaction of a 2,4,6-triphenylphosphinine ferrate anion with electrophiles: a new route to phosphacyclohexadienyl complexes. <i>Dalton Transactions</i> , 2016, 45, 8875-8884.	1.6	9
100	Photocatalytic Arylation of P ₄ and PH ₃ : Reaction Development Through Mechanistic Insight. <i>Angewandte Chemie</i> , 2021, 133, 24855-24863.	1.6	8
101	Synthesis, structures and coordination behaviour of [As(NR) ₃] ³⁻ trianions. <i>Dalton Transactions RSC</i> , 2002, , 343-351.	2.3	7
102	1,3-diphosphacyclobutene Cobalt Complexes. <i>Chemistry - A European Journal</i> , 2019, 25, 6180-6188.	1.7	7
103	Halide-Substituted Phosphacyclohexadienyl Iron Complexes: Covalent Structures vs. Ion Pairs. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1567-1574.	1.0	7
104	Di-tert-butylidiphosphatetrahedrane as a Source of 1,2-diphosphacyclobutadiene Ligands. <i>Chemistry - A European Journal</i> , 2021, 27, 14936-14946.	1.7	7
105	Isomerism and Biradical Character of Tetrapnictide Dianions: A Computational Study. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3580-3586.	1.0	6
106	Activation of Di-tert-butylidiphosphatetrahedrane: Access to (t-BuCP) _n (n = 2, 3, 4) Ligand Frameworks by P–C Bond Cleavage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6435-6440.	7.2	6
107	Synthesis and Characterization of Bidentate Isonitrile Iron Complexes. <i>Organometallics</i> , 2021, 40, 1042-1052.	1.1	6
108	Titelbild: A Phosphorus Analogue of Bis(1,4-cyclobutadiene)iron(0) (<i>Angew. Chem.</i> 17/2009). <i>Angewandte Chemie</i> , 2009, 121, 3037-3037.	1.6	5

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109	Elektronische Struktur und magnetische Anisotropie eines ungesättigten Cyclopentadienyleisen(I)-Komplexes mit 15 Valenzelektronen. <i>Angewandte Chemie</i> , 2017, 129, 8107-8112.	1.6	5
110	Functionalization of 1,3-diphosphacyclobutadiene cobalt complexes via Si-P bond insertion. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 895-909.	0.3	5
111	Synthesis, electronic structure and redox properties of the diruthenium sandwich complexes $[\text{Cp}^*\text{Ru}(\eta^5\text{-C}_{10}\text{H}_8)\text{RuCp}^*]^{x+}$ ($x = 0, 1+$; $\text{Cp}^* = \text{Tj}$). <i>Chemical Communications</i> , 2018, 47, 11058-11069.	1.6	5
112	Direct synthesis of an anionic 13-vertex closo-cobaltacarborane cluster. <i>Dalton Transactions</i> , 2019, 48, 15772-15777.	1.6	5
113	Aufbau- und Abbaureaktionen von weissen Phosphor induziert durch heterocyclische Carbenkomplexe von Nickel(0). <i>Angewandte Chemie</i> , 2020, 132, 14252-14257.	1.6	5
114	Cover Picture: A Phosphorus Analogue of Bis(η ⁵ -cyclobutadiene)iron(0) (<i>Angew. Chem. Int. Ed.</i> 17/2009). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2993-2993.	7.2	4
115	P-N Condensation and P-N/P-N Bond Metathesis: Facile Synthesis of Cationic Tri- and Tetraphosphanes. <i>Angewandte Chemie</i> , 2020, 132, 3613-3619.	1.6	4
116	Iron-Gallium and Cobalt-Gallium Tetraphosphido Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 552-557.	0.6	4
117	Di-tert-butylidiphosphatetrahedrane as a building block for phosphalkenes and phosphirenes. <i>Chemical Communications</i> , 2021, 57, 2356-2359.	2.2	4
118	A Phosphinine-Derived 1-Phosphabornadiene: Frustrated Lewis Pair Type Activation of Triple Bonds. <i>Chemistry - A European Journal</i> , 2020, 26, 7788-7800.	1.7	4
119	Functionalization of Pentaphosphorus Cations by Complexation. <i>Angewandte Chemie</i> , 2019, 131, 18757-18763.	1.6	3
120	An unusual Ni ₂ Si ₂ P ₈ cluster formed by complexation and thermolysis. <i>Chemical Communications</i> , 2020, 56, 14071-14074.	2.2	3
121	Expedient Hydrofunctionalisation of Carbonyls and Imines Initiated by Phosphacyclohexadienyl Anions. <i>ChemCatChem</i> , 2021, 13, 3761-3764.	1.8	3
122	Bulking up Cp ^{BIG} : A Penta-Terphenyl Cyclopentadienyl Ligand. <i>Organometallics</i> , 2022, 41, 776-784.	1.1	3
123	Crystal structure of tert-butyl-N-phenylcarbonitrilium tetrachloridoaluminate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, 331-333.	0.2	2
124	C=O-Bindungsspaltung in Kohlendioxid durch einen Eisen(0)-Phosphininkomplex. <i>Angewandte Chemie</i> , 2019, 131, 15553-15557.	1.6	2
125	Heterogeneous Olefin Hydrogenation Enabled by a Highly Reduced Nickel(II) Catalyst Precursor. <i>Chemistry - A European Journal</i> , 2020, 26, 6089-6089.	1.7	2
126	<i>Anorganische Chemie 2010. Nachrichten Aus Der Chemie</i> , 2011, 59, 221-245.	0.0	1

#	ARTICLE	IF	CITATIONS
127	Synthesis and Characterization of Tetra(pyridyl)cyclobutadiene Iron Complexes [Cp*Fe(C ₄ py ₄)] ⁺ (py = 3-pyridyl and 4-pyridyl, Cp* =) Tj ETQq1 1 0.784314 rgBJ /Overlo 2065-2070.	0.6	1
128	Coupling photoredox and biomimetic catalysis for the visible-light-driven oxygenation of organic compounds. Physical Sciences Reviews, 2019, 4, .	0.8	1
129	10. Coupling photoredox and biomimetic catalysis for the visible-light-driven oxygenation of organic compounds. , 2020, , 223-244.		1
130	Zugang zu (t BuCP) n-geraden (n= 2,...4) durch P-C-Bindungsspaltung von Di-tert-butylidiphosphatetrahedran. Angewandte Chemie, 2021, 133, 6507-6512.	1.6	1
131	Congratulations to Werner Uhl. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 873-874.	0.3	0
132	Halide-Substituted Phosphacyclohexadienyl Iron Complexes: Covalent Structures vs. Ion Pairs. European Journal of Inorganic Chemistry, 2019, 2019, 1434-1434.	1.0	0
133	Titelbild: Di-tert-butylidiphosphatetrahedran: Katalytische Synthese des freien Phosphaalkin-Dimers (Angew. Chem. 47/2019). Angewandte Chemie, 2019, 131, 16853-16853.	1.6	0
134	A Phosphinine-Derived 1-Phospha-7-Bora-Norbornadiene: Frustrated Lewis Pair Type Activation of Triple Bonds. Chemistry - A European Journal, 2020, 26, 7736-7736.	1.7	0
135	Innentitelbild: P ⁺ -P Condensation and P ⁺ -N/P ⁺ -P Bond Metathesis: Facile Synthesis of Cationic Tri- and Tetraphosphanes (Angew. Chem. 9/2020). Angewandte Chemie, 2020, 132, 3366-3366.	1.6	0
136	Diphosphorus Release and Heterocumulene Oligomerisation by Nickel Complexes. European Journal of Inorganic Chemistry, 2022, 2022, .	1.0	0
137	A Homoleptic Diphosphatetrahedrane Nickel(0) Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	0.6	0