Pierre Braunstein

List of Publications by Year
in descending order

306	15,142	18436 62	29081 104
papers	citations	h-index	g-index

324	324	324	9694
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hemilability of Hybrid Ligands and the Coordination Chemistry of Oxazoline-Based Systems. Angewandte Chemie - International Edition, 2001, 40, 680-699.	7.2	881
2	Multimetallic Catalysis Based on Heterometallic Complexes and Clusters. Chemical Reviews, 2015, 115, 28-126.	23.0	652
3	Intramolecular d10â€“d10 interactions in heterometallic clusters of the transition metals. Chemical Society Reviews, 2011, 40, 2741.	18.7	452
4	Catalytic Ethylene Dimerization and Oligomerization:â€‰ Recent Developments with Nickel Complexes Containing P,N-Chelating Ligands. Accounts of Chemical Research, 2005, 38, 784-793.	7.6	444
5	Largeâ€Scale, Bottomâ€Up Synthesis of Binary Metalâ€“Organic Framework Nanosheets for Efficient Water Oxidation. Angewandte Chemie - International Edition, 2019, 58, 7051-7056.	7.2	386
6	Alkyne-substituted homo- and heterometallic carbonyl clusters of the iron, cobalt and nickel triads. Chemical Reviews, 1983, 83, 203-239.	23.0	371
7	N-Heterocyclic Carbene Complexes of Copper, Nickel, and Cobalt. Chemical Reviews, 2019, 119, 3730-3961.	23.0	320
8	Functional ligands and complexes for new structures, homogeneous catalysts and nanomaterials. Journal of Organometallic Chemistry, 2004, 689, 3953-3967.	0.8	195
9	Ultrafast Luminescent Light-Up Guest Detection Based on the Lock of the Host Molecular Vibration. Journal of the American Chemical Society, 2020, 142, 6690-6697.	6.6	185
10	Recent advances in supramolecular and biological aspects of arene ruthenium(II) complexes. Coordination Chemistry Reviews, 2014, 270-271, 31-56.	9.5	184
11	Metal complexes with oxygen-functionalized NHC ligands: synthesis and applications. Chemical Society Reviews, 2017, 46, 632-733.	18.7	171
12	Selective metal-ligand interactions in hetero-metallic transition metal clusters. Coordination Chemistry Reviews, 1985, 65, 219-284.	9.5	161
13	Carbon dioxide activation and catalytic lactone synthesis by telomerization of butadiene and carbon dioxide. Journal of the American Chemical Society, 1988, 110, 3207-3212.	6.6	144
14	Alkyl, Silyl, and Phosphane Ligandsâ€”Classical Ligands in Nonclassical Bonding Modes. Angewandte Chemie - International Edition, 2001, 40, 2427-2433.	7.2	140
15	Complexes of functional phosphines. 4. Coordination properties of (diphenylphosphino)acetonitrile, ethyl (diphenylphosphino)acetate and corresponding carbanions. Characterization of a new facile reversible carbon dioxide insertion into palladium(II) complexes. Journal of the American Chemical Society, 1981, 103, 5115-5125.	6.6	138
16	Multidentate N-heterocyclic carbene complexes of the 3d metals: Synthesis, structure, reactivity and catalysis. Coordination Chemistry Reviews, 2017, 341, 53-176.	9.5	128
17	The preparation, properties, and vibrational spectra of complexes containing the AuCl2â€“, AuBr2â€“, and AuI2â€“ions. Journal of the Chemical Society Dalton Transactions, 1973, , 1845-1848.	1.1	121
18	Bonding and Organic and Inorganic Reactivity of Metal-Coordinated Phosphinoenolates and Related Functional Phosphine-Derived Anions. Chemical Reviews, 2006, 106, 134-159.	23.0	121

#	Article	IF	Citations
19	Room-temperature activation of aryl chlorides in Suzukiâ€“Miyaura coupling using a [Pd(Î¼-Cl)Cl(NHC)]2 complex (NHC = N-heterocyclic carbene). Chemical Communications, 2008, , 3190.	2.2	119
20	Nickel Complexes with Oxazoline-Based P,N-Chelate Ligands:â€‰ Synthesis, Structures, and Catalytic Ethylene Oligomerization Behavior. Organometallics, 2004, 23, 2613-2624.	1.1	114
21	New Nickel Ethylene Oligomerization Catalysts Bearing Bidentate P,N-Phosphinopyridine Ligands with Different Substituents Î± to Phosphorus. Organometallics, 2004, 23, 2625-2632.	1.1	108
22	Nickel phenyl complexes with chelating Î²2-P,O ligands as catalysts for the oligomerization of ethylene into linear Î±-olefins. New Journal of Chemistry, 1998, 22, 467-472.	1.4	103
23	Nickel Complexes with Functional Zwitterionic N,O-Benzoquinonemonoimine-Type Ligands:â€‰ Syntheses, Structures, and Catalytic Oligomerization of Ethylene. Organometallics, 2006, 25, 5518-5527.	1.1	103
24	Stereoselective Solidâ€State Synthesis of Substituted Cyclobutanes Assisted by Pseudorotaxaneâ€like MOFs. Angewandte Chemie - International Edition, 2018, 57, 12696-12701.	7.2	103
25	Synthetic, Structural, Spectroscopic, and Theoretical Studies of Structural Isomers of the Cluster Pt3(Î¼-PPh2)3Ph(PPh3)2. A Unique Example of Core Isomerism in Phosphine Phosphido-Rich Clusters. Inorganic Chemistry, 1996, 35, 1223-1234.	1.9	97
26	Mono- and Dinuclear Nickel Complexes with Phosphino-, Phosphinito-, and Phosphonitopyridine Ligands: Synthesis, Structures, and Catalytic Oligomerization of Ethylene. Organometallics, 2008, 27, 88-99.	1.1	95
27	Recent advances in S-functionalized N-heterocyclic carbene ligands: From the synthesis of azolium salts and metal complexes to applications. Journal of Organometallic Chemistry, 2014, 751, 286-300.	0.8	95
28	Functional Short-Bite Ligands: Synthesis, Coordination Chemistry, and Applications of N-Functionalized Bis(diaryl/dialkylphosphino)amine-type Ligands. Chemical Reviews, 2016, 116, 9237-9304.	23.0	95
29	Complexes of functional phosphines. 10. Palladium complexes with the ligands (diphenylphosphino)acetophenone, (Ph2PCHCOPh)- and Ph2PCHC(Ph)OPPh2. Crystal and molecular structure of cis-[PdCl2{Ph2PCH:C(Ph)OPPh2}]. Inorganic Chemistry, 1986, 25, 3765-3770.	1.9	91
30	Highly Selective Chromium(III) Ethylene Trimerization Catalysts with [NON] and [NSN] Heteroscorpionate Ligands. Organometallics, 2008, 27, 4277-4279.	1.1	91
31	Rhodium(I) and Iridium(I) Complexes with Î²-Keto Phosphine or Phosphino Enolate Ligands. Catalytic Transfer Dehydrogenation of Cyclooctane. Organometallics, 1996, 15, 5551-5567.	1.1	90
32	Nickel Complexes Bearing New P,N-Phosphinopyridine Ligands for the Catalytic Oligomerization of Ethylene. Organometallics, 2004, 23, 2633-2640.	1.1	90
33	Mixed Phosphite/N-Heterocyclic Carbene Complexes: Synthesis, Characterization and Catalytic Studies. Organometallics, 2010, 29, 1443-1450.	1.1	90
34	Efficient Near-UV Emitters Based on Cationic Bis-Pincer Iridium(III) Carbene Complexes. Inorganic Chemistry, 2013, 52, 10756-10765.	1.9	89
35	Nickel Complexes with New Bidentate P,N Phosphinitooxazoline and -Pyridine Ligands:Â Application for the Catalytic Oligomerization of Ethyleneâ€. Inorganic Chemistry, 2004, 43, 1649-1658.	1.9	86
36	Quasi-ZIF-67 for Boosted Oxygen Evolution Reaction Catalytic Activity via a Low Temperature Calcination. ACS Applied Materials & Interfaces, 2020, 12, 25037-25041.	4.0	86

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37	Pillared-layer Ni-MOF nanosheets anchored on Ti3C2 MXene for enhanced electrochemical energy storage. Journal of Colloid and Interface Science, 2022, 614, 130-137.	5.0	86
38	Nickel and iron complexes with oxazoline- or pyridine-phosphonite ligands; synthesis, structure and application for the catalytic oligomerisation of ethylene. Dalton Transactions, 2004, , 1539-1545.	1.6	85
39	Recent advances in pristine tri-metallic metalâ€“organic frameworks toward the oxygen evolution reaction. Nanoscale, 2020, 12, 4816-4825.	2.8	83
40	Anionic Nâ€Heterocyclic Carbene Ligands from Mesoionic Imidazolium Precursors: Remote Backbone Arylimino Substitution Directs Carbene Coordination. Chemistry - A European Journal, 2013, 19, 450-455.	1.7	82
41	Strategies for the Anchoring of Metal Complexes, Clusters, and Colloids Inside Nanoporous Alumina Membranes. Chemistry - A European Journal, 2000, 6, 4637-4646.	1.7	81
42	A 6Ï€ + 6Ï€ Potentially Antiaromatic Zwitterion Preferred to a Quinoidal Structure:Â Its Reactivity Toward Organic and Inorganic Reagents. Journal of the American Chemical Society, 2003, 125, 12246-12256.	6.6	81
43	Complexes with an ?2-?2-SiO Bridge. Structure of the Bimetallic Complex. Angewandte Chemie International Edition in English, 1989, 28, 1361-1363.	4.4	80
44	A novel, rigid diphosphine with an active NHC spacer; di- and trinuclear complexes of d¹⁰coinage metals. Chemical Communications, 2014, 50, 103-105.	2.2	79
45	Thioether-Functionalized N-Heterocyclic Carbenes: Mono- and Bis-(S,C_{NHC}) Palladium Complexes, Catalytic Câ^'C Coupling, and Characterization of a Unique Ag₄I₄(S,C_{NHC})₂ Planar Cluster. Organometallics, 2010, 29, 5614-5626.	1.1	78
46	N-Heterocyclic Dicarbene Iridium(III) Pincer Complexes Featuring Mixed NHC/Abnormal NHC Ligands and Their Applications in the Transfer Dehydrogenation of Cyclooctane. Organometallics, 2012, 31, 2606-2615.	1.1	78
47	Organometallic complexes with metal-metal bonds. 19. Comparison of two strategies towards the syntheses of platinum mixed-metal clusters. Reactivity of linear M-Pt-M and Mn-Pt-Mn complexes. X-ray crystal structures of Pt2M2(.eta.5-C5H5)2(.mu.3-CO)2(.mu.-CO)4(PEt3)2 with M = Cr, Mo, and W. Inorganic Chemistry, 1984, 23, 4489-4502.	1.9	75
48	Reaction Intermediates in the Synthesis of New Hydrido, N-Heterocyclic Dicarbene Iridium(III) Pincer Complexes. Organometallics, 2009, 28, 4028-4047.	1.1	75
49	An unprecedented, figure-of-eight, dinuclear iridium(i) dicarbene and new iridium(iii) â€˜pincerâ€™ complexes. Chemical Communications, 2008, , 3983.	2.2	74
50	Bimetallic silicon chemistry. Coordination Chemistry Reviews, 1998, 178-180, 903-965.	9.5	73
51	Dehydrogenative Coupling of Hydrostannanes Catalyzed by Transition-Metal Complexesâ€. Chemical Reviews, 2000, 100, 3541-3552.	23.0	72
52	Synthesis of nickel complexes with bidentate N,O-type ligands and application in the catalytic oligomerization of ethylene. Dalton Transactions, 2008, , 1564.	1.6	71
53	Selective carbonylation of nitrobenzene over a mixed palladium-molybdenum cluster-derived catalyst. Organometallics, 1982, 1, 1236-1238.	1.1	70
54	Ruthenium Complexes with Novel Tridentate N,P,N Ligands Containing a Phosphonite Bridge between Two Chiral Oxazolines. Catalytic Activity in Cyclopropanation of Olefins and Transfer Hydrogenation of Acetophenoneâ€. Organometallics, 2000, 19, 2676-2683.	1.1	70

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55	Nickel and iron complexes with N,P,N-type ligands: synthesis, structure and catalytic oligomerization of ethylene. Dalton Transactions, 2008, , 2945.	1.6	69
56	Unprecedented zwitterion in quinonoid chemistryElectronic supplementary information (ESI) available: spectroscopic data for 4 and 6 and an ORTEP view of the structure of 4. See http://www.rsc.org/suppdata/cc/b1/b107828n/.. Chemical Communications, 2002, , 208-209.	2.2	68
57	Ethylene oligomerization using iron complexes: beyond the discovery of bis(imino)pyridine ligands. Chemical Communications, 2014, 50, 1398.	2.2	68
58	Intramolecular Oâ€“H â‹¯ Oâ€“Ni and Nâ€“H â‹¯ Oâ€“Ni hydrogen bonding in nickel diphenylphosphinoenolate phenyl complexes: role in catalytic ethene oligomerisation; crystal structure of [NiPH{Ph2PCHîƒ±C(îƒ±O)(o-C6H4NHPh)}(PPh3)]. Journal of the Chemical Society Chemical Communications, 1994, , 2203-2204.	2.0	67
59	Aminolysis of Bis[bis(trimethylsilyl)amido]iron and -cobalt as a Versatile Route to N-Heterocyclic Carbene Complexes. Organometallics, 2011, 30, 6514-6517.	1.1	65
60	Skeletal Isomerization of the [Pt3(?-PPh2)3Ph(PPh3)2] Cluster by Recrystallization in Various Solvents. Angewandte Chemie International Edition in English, 1985, 24, 861-862.	4.4	63
61	SHOP-type nickel complexes with alkyl substituents on phosphorus, synthesis and catalyticethylene oligomerization. Dalton Transactions, 2008, , 822-831.	1.6	62
62	Structural Effects of Sodium Cations in Polynuclear, Multicubaneâ€Type Mixed Naâ€“Ni Complexes. Angewandte Chemie - International Edition, 2010, 49, 4443-4446.	7.2	59
63	Reductive Carbonylation ofo-Nitrophenol with a Fe-Pd Cluster-Derived Heterogeneous Catalyst; CO Migration in [FePdPt(CO)4(Ph2PCH2PPh2)2]. Angewandte Chemie International Edition in English, 1985, 24, 768-770.	4.4	58
64	Novel Bonding Mode for a Cyanometalate Ligand: Synthesis and Crystal Structure of the Mn4Pd4 Cluster[(OC)Pd(Î¼-NC)Mn(Î·-C5H4Me)(CO)2]4 Containing an Orthogonal Arrangement of Helical Units. Angewandte Chemie International Edition in English, 1990, 29, 1140-1143.	4.4	57
65	Relevance to Synthetic Polynuclear Chemistry of Novel Î¼3-Coordination Modes for the Anions Ph2PCHCOOC2H2- and Mo(CO)3Cp-. Synthesis and X-ray Structure of Pd(8-mq)Br(Ph2PCH2COOC2H5), {[Pd(8-mq)]3(Î¼3-Ph2PCHCOOC2H5)(Î¼3-OH)}PF6, and {[Pd(8-mq)]3 [Î¼3-Mo(CO)3Cp](Î¼3-Cl)}BF4. Journal of the American Chemical Society, 1984, 106, 410-421.	6.6	56
66	Agostic-type Gold Ligand and IncipientÎ¼3-PPh2 Coordination in the Au2Pt2P6â€œHammockâ€•Skeleton of the Cluster[Au2Pt2(Î¼-PPh2)2(PPh3)4][PF6]2. Angewandte Chemie International Edition in English, 1989, 28, 923-925.	4.4	56
67	Do Short Câ€“Hâ€“M (M = Cu(I), Ag(I)) Distances Represent Agostic Interactions in Pincer-Type Complexes? Unusual NHC Transmetalation from Cu(I) to Ag(I). Organometallics, 2011, 30, 3302-3310.	1.1	56
68	Cluster core isomerization from planar to tetrahedral: experimental and theoretical aspects. Steric control by the ligands of cluster geometry. Synthesis and crystal structure of [Pt2Mo2(.eta.-C5H4CH3)2(CO)6(PCy3)2]. Journal of the American Chemical Society, 1991, 113, 5282-5292.	6.6	55
69	Locking and Unlocking the Molecular Spin Crossover Transition. Advanced Materials, 2017, 29, 1702257.	11.1	55
70	First transamination reactions for the one-pot synthesis of substituted zwitterionic quinones. Chemical Communications, 2005, , 2660.	2.2	54
71	Tunable N-substitution in Zwitterionic Benzoquinonemonoimine Derivatives: Metal Coordination, Tandemlike Synthesis of Zwitterionic Metal Complexes, and Supramolecular Structures. Chemistry - A European Journal, 2005, 11, 7237-7246.	1.7	54
72	Synthesis of Bis(phosphinoferrocenyl) Copper Complexes from Zwitterionic Quinonoid Ligands and Their Structural and Redox Properties. Inorganic Chemistry, 2009, 48, 2534-2540.	1.9	54

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73	Phosphine Ligandâ€Free Ruthenium Complexes as Efficient Catalysts for the Synthesis of Quinolines and Pyridines by Acceptorless Dehydrogenative Coupling Reactions. ChemCatChem, 2019, 11, 2500-2510.	1.8	54
74	Synthesis and structure of bimetallic allyl, alkoxysilyl complexes [Fe{.mu.-Si(OMe)2(OMe)}(CO)3(.mu.-dppm)Pd(SnPh3)], a Sn-Pd-Fe-Si chain complex with a .mu.2-.eta.2-SiO bridge. Organometallics, 1991, 10, 828-831.	1.1	53
75	Tunable Charge Delocalization in Dinickel Quinonoid Complexes. Chemistry - A European Journal, 2005, 11, 7247-7253.	1.7	53
76	Three-Coordinate Iron(II) N-Heterocyclic Carbene Alkyl Complexes. Organometallics, 2012, 31, 4102-4105.	1.1	53
77	Synthesis, characterization, and single-molecule metamagnetism of new Co(ii) polynuclear complexes of pyridine-2-ylmethanol. Dalton Transactions, 2011, 40, 10526.	1.6	52
78	A Bis(Diphosphanyl Nâ€Heterocyclic Carbene) Gold Complex: A Synthon for Luminescent Rigid AuAg₂ Arrays and Au₅ and Cu₆ Double Arrays. Angewandte Chemie - International Edition, 2016, 55, 3338-3341.	7.2	52
79	An Oriented 1D Coordination/Organometallic Dimetallic Molecular Wire with Agï£¿Pd Metal-Metal Bonds. Angewandte Chemie - International Edition, 2004, 43, 6120-6125.	7.2	51
80	Versatile coordination modes of novel hemilabile S-NHC ligands. Dalton Transactions, 2009, , 2474.	1.6	51
81	Electrophilic Activation:â€‰ Unexpected Metalâ¯Metal Bond-Assisted Tl+ Chelation by a Pt-Benzyl Moiety Instead of Chloride Abstraction. Organometallics, 2004, 23, 6311-6318.	1.1	50
82	Dinuclear Nickel Complexes with Bidentate N,O Ligands:Â Synthesis, Structure, and Catalytic Oligomerization of Ethyleneâ€. Inorganic Chemistry, 2004, 43, 4234-4240.	1.9	50
83	Engineering multiphasic MoSe2/NiSe heterostructure interfaces for superior hydrogen production electrocatalysis. Applied Catalysis B: Environmental, 2022, 312, 121434.	10.8	50
84	Stabilising a quinonoid-bridged dicopper(i) complex by use of a dppf (dppf =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td ((diphenylpho	2.2	48
85	Heptabismuthate [Bi₇I₂₄]^{3â€“}: A Main Group Element Anderson-Type Structure and Its Relationships with the Polyoxometalates. Inorganic Chemistry, 2012, 51, 1562-1568.	1.9	48
86	Competing metal-metal bonding in heterometallic complexes of gold and mercury. Synthesis of contrasting iron-gold-gold-iron and iron-mercury-iron complexes. Inorganic Chemistry, 1992, 31, 3685-3687.	1.9	47
87	Reactions of Heterodinuclear Feâ¯Pt and Feâ¯Pd Complexes with Cyclic Bis(amino)germylenes and -stannylenes:Â A Bridging Metal(II) Amide Unit between Two Different Transition Metal Centers and Donor Stabilization of Terminal Germylene and Stannylene Ligands by Si(OMe)3â€. Organometallics, 1996, 15, 3868-3875.	1.1	47
88	Chelating versus bridging bonding modes of N-substituted bis(diphenylphosphanyl)amine ligands in Pt complexes and Co2Pt clusters. Dalton Transactions, 2006, , 2342.	1.6	47
89	Stepwise synthesis of a hydrido, N-heterocyclic dicarbene iridium(iii) pincer complex featuring mixed NHC/abnormal NHC ligands. Dalton Transactions, 2012, 41, 636-643.	1.6	47
90	Complexes with Hybrid Phosphorus-NHC Ligands: Pincer-Type Ir Hydrides, Dinuclear Ag and Ir and Tetranuclear Cu and Ag Complexes. Inorganic Chemistry, 2013, 52, 7367-7379.	1.9	47

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91	Bonding, Luminescence, Metallophilicity in Linear Au₃ and Au₂Ag Chains Stabilized by Rigid Diphosphanyl NHC Ligands. Inorganic Chemistry, 2016, 55, 8527-8542.	1.9	47
92	Synthesis and reactivity of Pd2Mn, MPdFe, MPdMn2, and MPdFe2 clusters (M = palladium, platinum) stabilized by Ph2PCH2PPh2 (dppm) ligands. Crystal structure of [Pd2Mn2(.mu.3-CO)(.mu.-CO)(CO)7(.mu.-dppm)2]. Organometallics, 1988, 7, 332-343.	1.1	46
93	Nickel(II) complexes with imino-imidazole chelating ligands bearing pendant donor groups (SR, OR,) Tj ETQq1 1 0.784314 rgBT /Overl 31-37.	0.8	46
94	Crystal structures of the tetra-n-butylammonium salts of the dichloroaurate(1-), dibromoaurate(1-), and diiodoaurate(1-) ions. Inorganic Chemistry, 1986, 25, 2104-2106.	1.9	45
95	The First Metalâ€“Metal Silyl Migration in a Heterobimetallic Complex, and the Structure of the Rearrangement Product[(OC)4Fe(Î¼-PPh2)Pt{Si(OMe)3}(PPh3)](Feï£¿Pt). Angewandte Chemie International Edition in English, 1992, 31, 1583-1585.	4.4	45
96	Bis(ether-functionalized NHC) Nickel(II) Complexes, Trans to Cis Isomerization Triggered by Water Coordination, and Catalytic Ethylene Oligomerization. Organometallics, 2015, 34, 2183-2201.	1.1	45
97	Organometallic complexes with metalâ€”metal bonds. Journal of Organometallic Chemistry, 1981, 213, 79-107.	0.8	44
98	Synthesis and spectroscopic studies of metal-metal-bonded linear heterotrimetallic gold(I) complexes. Crystal structure of [n-Bu4N][Au[Cr(CO)3-.eta.-C5H5]2]. Inorganic Chemistry, 1984, 23, 4057-4064.	1.9	44
99	Synthesis, structure and electrochemical studies of the first mixed-metal clusters with the Pâ€“Nâ€“P assembling ligands (Ph2P)2NH (dppa), (Ph2P)2N(CH3) (dppam) and (Ph2P)2N(CH2)3Si(OEt)3 (dppaSi). Journal of Organometallic Chemistry, 1999, 573, 47-59.	0.8	43
100	Synthesis of Co2Pt, Co2Pd and MoPd2 mixed-metal clusters with the Pâ€“Nâ€“P assembling ligands (Ph2P)2NH (dppa) and (Ph2P)2NMe (dppaMe). Crystal structure of [Co2Pt(Î¼3-CO)(CO)6(Î¼-dppa)]. Journal of Organometallic Chemistry, 1999, 580, 257-264.	0.8	43
101	Stepwise Synthesis, Structures, and Reactivity of Mono-, Di-, and Trimetallic Metal Complexes with a 6Ï€ + 6Ï€ Quinonoid Zwitterionâ€. Inorganic Chemistry, 2004, 43, 6944-6953.	1.9	43
102	Cobalt PNC^{NHC} â€˜pincersâ€™: ligand dearomatisation, formation of dinuclear and N₂ complexes and promotion of Câ€“H activation. Chemical Communications, 2016, 52, 2717-2720.	2.2	43
103	Nickel Complexes with Phosphinito-Oxazoline Ligands: Temperature-Controlled Formation of Mono- or Dinuclear Complexes and Catalytic Oligomerization of Ethylene and Propylene. Organometallics, 2009, 28, 1776-1784.	1.1	41
104	Facile dichloromethane activation and phosphine methylation. Isolation of unprecedented zwitterionic organozinc and organocobalt intermediates. Chemical Communications, 2009, , 890.	2.2	41
105	Studies on Three-Coordinate [Co{N(SiMe₃)₂}₂L] Complexes, L = N-Heterocyclic Carbene. Organometallics, 2015, 34, 2429-2438.	1.1	41
106	N-Phosphanyl- and N,Nâ€²-Diphosphanyl-Substituted N-Heterocyclic Carbene Chromium Complexes: Synthesis, Structures, and Catalytic Ethylene Oligomerization. Organometallics, 2015, 34, 4109-4116.	1.1	41
107	The Covalent and Coordination Co-Driven Assembly of Supramolecular Octahedral Cages with Controllable Degree of Distortion. Journal of the American Chemical Society, 2020, 142, 13356-13361.	6.6	41
108	Silica-Supported Fe?Pd Bimetallic Particles: Formation from Mixed-Metal Clusters and Catalytic Activity. Angewandte Chemie International Edition in English, 1988, 27, 927-929.	4.4	40

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109	Transition-metal silyl complexes. 46. Reaction of anionic silyl complexes [Fe(CO)3(SiR3)(PR'3)]- with CdX2 (X = Cl, Br) to probe the influence of the phosphines PR'3, and X on nuclearity and geometry of the resulting polynuclear complexes. Inorganic Chemistry, 1993, 32, 1656-1661.	1.9	40
110	Twoâ€Ðimensional Triangular and Square Heterometallic Clusters: Influence of the Closedâ€Shell d¹⁰ Electronic Configuration. Angewandte Chemie - International Edition, 2009, 48, 9663-9667.	7.2	40
111	Synthesis of N,Nâ€™-bis(thioether)-functionalized imidazolium salts: their reactivity towards Ag and Pd complexes and first S,CNHC,S free carbene. Dalton Transactions, 2010, 39, 8820.	1.6	40
112	Electrochromic Platinum(II) Complexes Derived from Azobenzene and Zwitterionic Quinonoid Ligands: Electronic and Geometric Structures. Organometallics, 2013, 32, 7366-7375.	1.1	40
113	A comparative synthetic, magnetic and theoretical study of functional M4Cl4 cubane-type Co(ii) and Ni(ii) complexes. Dalton Transactions, 2014, 43, 7847.	1.6	40
114	Synthesis and Electrochemical Behavior of a Zwitterion-Bridged Metalla-Cage. Organometallics, 2014, 33, 5043-5045.	1.1	40
115	A hierarchically-assembled Feâ€“MoS₂/Ni₃S₂/nickel foam electrocatalyst for efficient water splitting. Dalton Transactions, 2019, 48, 12186-12192.	1.6	40
116	A new stable CNHCâ€CHâ€CNHCN-heterocyclic dicarbene ligand: its mono- and dinuclear Ir(i) and Ir(i)â€“Rh(i) complexes. Dalton Transactions, 2009, , 3824.	1.6	39
117	Reactions between an Ethylene Oligomerization Chromium(III) Precatalyst and Aluminum-Based Activators: Alkyl and Cationic Complexes with a Tridentate NPN Ligand. Organometallics, 2011, 30, 3549-3558.	1.1	39
118	Synthesis of the First Pt-Au Cluster by an Unexpected HâŠ•-Substitution attrans-PtH(Cl)L2. Angewandte Chemie International Edition in English, 1984, 23, 304-305.	4.4	38
119	First structurally characterized mono- and dinuclear ruthenium complexes derived from zwitterionic quinonoid ligands. Chemical Communications, 2009, , 4387.	2.2	38
120	Synthesis and characterization of oxygen-functionalised-NHC silver(<scp>i</scp>) complexes and NHC transmetallation to nickel(<scp>ii</scp>). Dalton Transactions, 2014, 43, 4700-4710.	1.6	38
121	N-Heterocyclic carbeneâ€“phosphino-picolines as precursors of anionic â€˜pincerâ€™ ligands with dearomatised pyridine backbones; transmetallation from potassium to chromium. Chemical Communications, 2015, 51, 10699-10702.	2.2	38
122	Self-assembly of strongly dipolar molecules on metal surfaces. Journal of Chemical Physics, 2015, 142, 101921.	1.2	38
123	Altering the Static Dipole on Surfaces through Chemistry: Molecular Films of Zwitterionic Quinonoids. Journal of the American Chemical Society, 2012, 134, 8494-8506.	6.6	37
124	Combined Experimental and Theoretical Study of Bis(diphenylphosphino)(N-thioether)amine-Type Ligands in Nickel(II) Complexes for Catalytic Ethylene Oligomerization. Organometallics, 2014, 33, 2523-2534.	1.1	37
125	Conformation Control in Polymetallic Mesocycles by Metalâ€“Metal Bonding: The First Example of an Hgï£¿Cu Interaction. Angewandte Chemie International Edition in English, 1997, 36, 2758-2761.	4.4	36
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