

Gerard van Koten

List of Publications by Year in descending order

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5876

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438
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Platinum Group Organometallics Based on σ -Pincer-Complexes: Sensors, Switches, and Catalysts. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3750-3781.	7.2	1,498
2	Homogeneous catalysts based on silane dendrimers functionalized with arylnickel(II) complexes. <i>Nature</i> , 1994, 372, 659-663.	13.7	713
3	Organoplatinum crystals for gas-triggered switches. <i>Nature</i> , 2000, 406, 970-974.	13.7	520
4	Mononuclear non-heme iron enzymes with the 2-His-1-carboxylate facial triad: recent developments in enzymology and modeling studies. <i>Chemical Society Reviews</i> , 2008, 37, 2716.	18.7	461
5	1,4-Diaza-1,3-butadiene (π -Diimine) Ligands: Their Coordination Modes and the Reactivity of Their Metal Complexes. <i>Advances in Organometallic Chemistry</i> , 1982, 21, 151-239.	0.5	372
6	Diaminoaryl nickel(II) σ -Pincer-Complexes: Mechanistic Considerations in the Kharasch Addition Reaction, Controlled Polymerization, and Dendrimeric Transition Metal Catalysts. <i>Accounts of Chemical Research</i> , 1998, 31, 423-431.	7.6	367
7	The mechanism of the modified Ullmann reaction. <i>Dalton Transactions</i> , 2010, 39, 10338.	1.6	331
8	Fluorous phase separation techniques in catalysis. <i>Chemical Society Reviews</i> , 1999, 28, 37-41.	18.7	318
9	Dimethyl(N,N,N',N' -tetramethylethanediamine)palladium(II) and dimethyl[1,2-bis(dimethylphosphino)ethane]palladium(II): syntheses, x-ray crystal structures, and thermolysis, oxidative-addition and ligand-exchange reactions. <i>Organometallics</i> , 1989, 8, 2907-2917.	1.1	268
10	The Use of Ultra- and Nanofiltration Techniques in Homogeneous Catalyst Recycling. <i>Accounts of Chemical Research</i> , 2002, 35, 798-810.	7.6	242
11	Homogeneous vanadium-based catalysts for the Ziegler-Natta polymerization of α -olefins. <i>Chemical Society Reviews</i> , 2002, 31, 357-364.	18.7	230
12	Ligand-Free Copper-Catalyzed $C-S$ Coupling of Aryl Iodides and Thiols. <i>Journal of Organic Chemistry</i> , 2008, 73, 5625-5628.	1.7	229
13	Syntheses of 3-amino-2-azetidinones: A literature survey. <i>Tetrahedron</i> , 1991, 47, 7503-7524.	1.0	226
14	Mechanisms of d8 organometallic reactions involving electrophiles and intramolecular assistance by nucleophiles. <i>Accounts of Chemical Research</i> , 1995, 28, 406-413.	7.6	221
15	A σ -Dendritic Effect in Homogeneous Catalysis with Carbosilane-Supported Arylnickel(II) Catalysts: Observation of Active-Site Proximity Effects in Atom-Transfer Radical Addition. <i>Journal of the American Chemical Society</i> , 2000, 122, 12112-12124.	6.6	205
16	Diagnostic Organometallic and Metallo-dendritic Materials for SO ₂ Gas Detection: Reversible Binding of Sulfur Dioxide to Arylplatinum(II) Complexes. <i>Chemistry - A European Journal</i> , 2000, 6, 1431-1445.	1.7	190
17	Hydrogen-Transfer Catalysis with Pincer-Aryl Ruthenium(II) Complexes. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 743-745.	7.2	178
18	A novel type of Pt-C interaction and a model for the final stage in reductive elimination processes involving C-C coupling at Pt; synthesis and molecular geometry of [1,1,1,1-tetrakis(dimethylamino)ethane]tetrakis(dimethylamino)ethane-2,6-bis[(dimethylamino)methyl]-toluene]iodoplatinum(II) tetrafluoroborate. <i>Journal of the Chemical Society Chemical Communications</i> , 1978, , 250-252.	2.0	174

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19	Dendritic Catalysts. Topics in Current Chemistry, 2001, , 163-199.	4.0	172
20	Where organometallics and dendrimers merge: the incorporation of organometallic species into dendritic molecules. Journal of Organometallic Chemistry, 2004, 689, 4016-4054.	0.8	170
21	Trans-2,6-bis[(dimethylamino)methyl]phenyl-N,N',C complexes of palladium(II) and platinum(II). Crystal structure of [Pt[MeC ₆ H ₃ (CH ₂ NMe ₂) ₂ -o,o']BF ₄ : a cyclohexadienyl carbonium ion with a σ -bonded metal substituent. Journal of the American Chemical Society, 1982, 104, 6609-6616.	6.6	163
22	The copper catalysed reaction of sodium methoxide with aryl bromides. A mechanistic study leading to a facile synthesis of anisole derivatives. Tetrahedron, 1989, 45, 5565-5578.	1.0	163
23	Consequences of π -N, π -C, π -N π^2 - and π -C, π -N, π -N π^2 -Coordination Modes on Electronic and Photophysical Properties of Cyclometalated Aryl Ruthenium(II) Complexes. Inorganic Chemistry, 2009, 48, 1887-1900.	1.9	159
24	Metallasupramolecular architectures, an overview of functional properties and applications. Dalton Transactions, 2006, , 308-327.	1.6	153
25	Triorganotin cations stabilized by intramolecular Sn π -N coordination; synthesis and characterization of {C,N,N π^2 -2,6-bis[(dimethylamino)methyl]phenyl}diorganotin bromides. Journal of Organometallic Chemistry, 1978, 148, 233-245.	0.8	148
26	Cyclometalated ruthenium complexes for sensitizing nanocrystalline TiO ₂ solar cells. Chemical Communications, 2007, , 1907.	2.2	148
27	Selective Hydrovinylation of Styrene in a Membrane Reactor: Use of Carbosilane Dendrimers with Hemilabile P,O Ligands. Angewandte Chemie - International Edition, 1999, 38, 1655-1658.	7.2	142
28	Rigid five- and six-membered C,N,N'-bound aryl-, benzyl-, and alkylorganopalladium complexes: sp ² vs. sp ³ carbon-hydrogen activation during cyclopalladation and palladium(IV) intermediates in oxidative addition reactions with dihalogens and alkyl halides. Organometallics, 1993, 12, 1831-1844.	1.1	139
29	Unique stable organometallic nickel(III) complexes; syntheses and the molecular structure of [Ni[C ₆ H ₃ (CH ₂ NMe ₂) ₂ -2,6]I ₂ . Journal of the American Chemical Society, 1983, 105, 1379-1380.	6.6	138
30	Recent Findings in Cyclometallation of meta-Substituted Aryl Ligands by Platinum Group Metal Complexes by Caryl-R Bond Activation (R=H, CR ₃ , SiR ₃). Chemistry - A European Journal, 1998, 4, 759-762.	1.7	136
31	Chiral arenethiolatocopper(I) catalyzed substitution reactions of acyclic allylic substrates with Grignard reagents. Tetrahedron Letters, 1995, 36, 3059-3062.	0.7	130
32	Electronic tuning of arylnickel(II) complexes by para substitution of the terdentate monoanionic 2,6-bis[(dimethylamino)methyl]phenyl ligand. Organometallics, 1994, 13, 468-477.	1.1	128
33	Synthesis of C,Sn-chiral triorganotin halides via C-chiral arylcopper and arylgoldlithium intermediates. Crystal and molecular structure of one [2-[1-(S)-(dimethylamino)ethyl]phenyl]methylphenyltin bromide diastereomer. Journal of the American Chemical Society, 1978, 100, 5021-5028.	6.6	126
34	The π -Dendritic Effect π -in Homogeneous Catalysis with Carbosilane-Supported Arylnickel(II) Catalysts: Observation of Active-Site Proximity Effects in Atom-Transfer Radical Addition. Angewandte Chemie - International Edition, 2000, 39, 176-178.	7.2	126
35	Fluorous Versions of Wilkinson's Catalyst. Activity in Fluorous Hydrogenation of 1-Alkenes and Recycling by Fluorous Biphasic Separation. Journal of the American Chemical Society, 2000, 122, 3945-3951.	6.6	125
36	Design and Performance of Rigid Nanosize Multimetallic Cartwheel Pincer Compounds as Lewis-Acid Catalysts. Organometallics, 2001, 20, 3159-3168.	1.1	125

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37	Mechanistic Aspects of the Kharasch Addition Reaction Catalyzed by Organonickel(II) Complexes Containing the Monoanionic Terdentate Aryldiamine Ligand System [C ₆ H ₂ (CH ₂ NMe ₂) _{2-2,6-R-4}]-. <i>Organometallics</i> , 1997, 16, 4985-4994.	1.1	124
38	Cyclometalated Organoruthenium Complexes for Application in Dye-Sensitized Solar Cells. <i>Organometallics</i> , 2010, 29, 1569-1579.	1.1	124
39	Models for the Initial Stages of Oxidative Addition. Synthesis, Characterization, and Mechanistic Investigation of σ -Alkylorganometallic π -Cinnamyl Complexes of Platinum. X-ray Crystal Structures of [Pt(C ₆ H ₃ {CH ₂ NMe ₂ } _{2-2,6})(σ -1-12)] and <i>exo-meso</i> -[Pt(σ -1-13)(σ -1-12)(C ₆ H ₃ {CH ₂ N(t-Bu)Me} _{2-2,6})]. <i>Journal of the American Chemical Society</i> , 1999, 121, 2488-2497.	6.6	121
40	Hexacationic σ -Dendriphos Ligands in the Pd-Catalyzed Suzuki-Miyaura Cross-Coupling Reaction: Scope and Mechanistic Studies. <i>Journal of the American Chemical Society</i> , 2009, 131, 11407-11416.	6.6	121
41	Theoretical and experimental study of diamagnetic and paramagnetic products from thermal and light-induced alkyl transfer between zinc or magnesium dialkyls and 1,4-diaza-1,3-butadiene substrates. <i>Journal of the American Chemical Society</i> , 1991, 113, 5606-5618.	6.6	118
42	Transcyclometalation Processes with Late Transition Metals: σ -Caryl C-H Bond Activation via Noncovalent C \cdots H \cdots A Interactions. <i>Journal of the American Chemical Society</i> , 2000, 122, 11822-11833.	6.6	116
43	Replacement of a Cyclometalated Terdentate Diamino Ligand by a Phosphorus Analogue. Isolation and Crystallographic Characterization of an Intermediate in Aryl C-H Bond Activation in Models of Dendrimer-Bound Organometallic Catalysts. <i>Journal of the American Chemical Society</i> , 1997, 119, 11317-11318.	6.6	115
44	A new class of organocopper and organocuprate compounds derived from copper(I) arenethiolates. <i>Journal of the American Chemical Society</i> , 1992, 114, 3400-3410.	6.6	113
45	σ -Click $1,2,3$ -triazoles as tunable ligands for late transition metal complexes. <i>Dalton Transactions</i> , 2007, , 1273-1276.	1.6	110
46	Arenethiolatocopper(I) complexes as homogeneous catalysts for Michael addition reactions. <i>Tetrahedron Letters</i> , 1994, 35, 6135-6138.	0.7	108
47	A Highly Fluorous Room-Temperature Ionic Liquid Exhibiting Fluorous Biphasic Behavior and Its Use in Catalyst Recycling. <i>Organic Letters</i> , 2002, 4, 3851-3854.	2.4	108
48	Synthesis and Properties of <i>para</i> -Substituted NCN-Pincer Palladium and Platinum Complexes. <i>Chemistry - A European Journal</i> , 2004, 10, 1331-1344.	1.7	108
49	Syntheses and characterization of unique organometallic nickel(III) aryl species. ESR and electrochemical studies and the x-ray molecular study of square-pyramidal [Ni{C ₆ H ₃ (CH ₂ NMe ₂) _{2-o,o'} } ₁₂]. <i>Inorganic Chemistry</i> , 1988, 27, 2466-2473.	1.9	107
50	Structural investigations of silver(I) and copper(I) complexes with neutral nitrogen (N ₄) donor ligands: x-ray crystal and molecular structure of the dimer [Ag ₂ { μ -(R)(S)-1,2-(py-2-CH=N) ₂ Cy} ₂](O ₃ SCF ₃) ₂ and proton, carbon-13, and INEPT silver-109 and nitrogen-15 NMR solution studies. <i>Journal of the American Chemical Society</i> , 1984, 106, 4486-4492.	6.6	105
51	Bifunctional Pincer-type Organometallics as Substrates for Organic Transformations and as Novel Building Blocks for Polymetallic Materials. <i>Journal of the American Chemical Society</i> , 2002, 124, 5127-5138.	6.6	105
52	NCN π -pincer palladium complexes with multiple anchoring points for functional groups. <i>Coordination Chemistry Reviews</i> , 2004, 248, 2275-2282.	9.5	105
53	The Monoanionic ECE-Pincer Ligand: A Versatile Privileged Ligand Platform π General Considerations. <i>Topics in Organometallic Chemistry</i> , 2013, , 1-20.	0.7	105
54	Metal-chelating capacities attached to fullerenes. <i>Coordination Chemistry Reviews</i> , 2002, 230, 141-163.	9.5	102

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55	Hetero-Aggregate Compounds of Aryl and Alkyl Lithium Reagents: A Structurally Intriguing Aspect of Organolithium Chemistry. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1448-1454.	7.2	100
56	Palladium and platinum diphenoxide and aryl phenoxide complexes with amine donors: effect of hydrogen bonding on structure and properties. <i>Organometallics</i> , 1992, 11, 4124-4135.	1.1	99
57	Ruthenium-Complex-Catalyzed N-(Cyclo)alkylation of Aromatic Amines with Diols. Selective Synthesis of N-(α -Hydroxyalkyl)anilines of Type PhNH(CH ₂) _n OH and of Some Bioactive Arylpiperazines. <i>Journal of Organic Chemistry</i> , 1998, 63, 4282-4290.	1.7	98
58	Novel chiral triorganotin halides. Stabilization of optically active tin centers by intramolecular coordination. <i>Journal of the American Chemical Society</i> , 1976, 98, 5393-5395.	6.6	97
59	Model for the initial stage in the oxidative addition of I ₂ to organoplatinum(II) compounds. X-ray structure of square-pyramidal [PtIII{C ₆ H ₃ (CH ₂ NMe ₂) ₂ -o,o'}(η -1-12)] containing a linear Pt-I-I arrangement. <i>Journal of the American Chemical Society</i> , 1986, 108, 5010-5011.	6.6	97
60	A hydrogen atom in an organoplatinum-amine system. 1. Synthesis and spectroscopic and crystallographic characterization of novel zwitterionic complexes with a Pt(II)- π -H-N ⁺ unit. <i>Journal of the American Chemical Society</i> , 1992, 114, 9916-9924.	6.6	97
61	Encapsulation of Hydrophilic Pincer-Platinum(II) Complexes in Amphiphilic Hyperbranched Polyglycerol Nanocapsules. <i>Macromolecules</i> , 2002, 35, 5734-5737.	2.2	97
62	Copper(II)-Mediated Oxidative Coupling of Bis(dimethylaminomethyl)aryl ruthenium Complexes to give [(terpy)RuIII(pincer-pincer)-RuIII(terpy)](CuCl ₂) ₄ . <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1282-1285.	4.4	96
63	Shape-Persistent Nanosize Organometallic Complexes: A Synthesis and Application in a Nanofiltration Membrane Reactor. <i>Journal of Organic Chemistry</i> , 2003, 68, 675-685.	1.7	96
64	Catalytic Performance of Symmetrical and Unsymmetrical Sulfur-Containing Pincer Complexes: Synthesis and Tandem Catalytic Activity of the First PCS-Pincer Palladium Complex. <i>Chemistry - A European Journal</i> , 2008, 14, 4800-4809.	1.7	96
65	Synthesis and Properties of a Novel Family of Fluorous Triphenylphosphine Derivatives. <i>Journal of Organic Chemistry</i> , 2000, 65, 3885-3893.	1.7	94
66	Modeling the 2-His-1-Carboxylate Facial Triad: An Iron-Catecholato Complexes as Structural and Functional Models of the Extradial Cleaving Dioxygenases. <i>Journal of the American Chemical Society</i> , 2007, 129, 2275-2286.	6.6	94
67	Synthesis and Characterization of the Bis-Cyclometalating Ligand 3,3',5,5'-Tetrakis[(dimethylamino)methyl]biphenyl and Its Use in the Preparation of Bimetallic M(II), M(IV) (M = Pt, Pd), and Mixed-Valence Pt(II)-Pt(IV) Complexes via a Dithio-Derivative. Crystal Structure of the Pd Dimer [ClPd{2,6-(Me ₂ NCH ₂) ₂ C ₆ H ₂ } ₂] ₂ . <i>Organometallics</i> , 1998, 17, 731-741.	1.1	92
68	Chiral platinum and palladium complexes containing functionalized C ₂ -symmetric bisaminoaryl π -Pincer ligands. <i>Journal of Organometallic Chemistry</i> , 2001, 624, 271-286.	0.8	92
69	Stable 1,4-diaza-1,3-butadiene(\pm -diimine)-zinc and -aluminum radicals formed in single electron transfer reactions: their consequences for organic syntheses. <i>Journal of Organometallic Chemistry</i> , 1983, 250, 49-61.	0.8	90
70	Comparative Rates of Ligand Substitution Reactions of Pt ^{II} -C-Bonded Complexes in Aqueous Solution and the X-ray Crystal Structure of [Pt{C ₆ H ₃ (CH ₂ NMe ₂) ₂ -2,6}(OH ₂)](OSO ₂ CF ₃). <i>Organometallics</i> , 1996, 15, 1384-1391.	1.1	90
71	Carbon-Oxygen Bond Formation at Metal(IV) Centers: Reactivity of Palladium(II) and Platinum(II) Complexes of the [2,6-(Dimethylaminomethyl)phenyl-N,C,N]- (Pincer) Ligand toward Iodomethane and Dibenzoyl Peroxide; Structural Studies of M(II) and M(IV) Complexes. <i>Organometallics</i> , 2004, 23, 5432-5439.	1.1	90
72	Lipase Active-Site-Directed Anchoring of Organometallics: Metallopincer/Protein Hybrids. <i>Chemistry - A European Journal</i> , 2005, 11, 6869-6877.	1.7	90

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73	Aminoarenethiolate [−] Copper(I)-Catalyzed Amination of Aryl Bromides. <i>Organic Letters</i> , 2005, 7, 5241-5244.	2.4	89
74	Iron(II) Complexes with Bio-Inspired N,N,O Ligands as Oxidation Catalysts: Olefin Epoxidation and <i>cis</i> -Dihydroxylation. <i>Chemistry - A European Journal</i> , 2008, 14, 1228-1237.	1.7	89
75	A Bis(ortho-amine)aryl [−] Gold(I) Compound as an Efficient, Nontoxic, Arylating Reagent. <i>Organometallics</i> , 2002, 21, 4556-4559.	1.1	88
76	Pincer ligands as powerful tools for catalysis in organic synthesis. <i>Journal of Organometallic Chemistry</i> , 2013, 730, 156-164.	0.8	88
77	Crystal and molecular structure of C, N-{2-[(dimethylamino)methyl]phenyl} diphenyltin bromide. <i>Journal of Organometallic Chemistry</i> , 1976, 118, 183-189.	0.8	87
78	New Peptide Labels Containing Covalently Bonded Platinum(II) Centers as Diagnostic Biomarkers and Biosensors. <i>Organic Letters</i> , 2000, 2, 3461-3464.	2.4	86
79	Selective Liquid-Phase Semihydrogenation of Functionalized Acetylenes and Propargylic Alcohols with Silica-Supported Bimetallic Palladium [−] Copper Catalysts. <i>Journal of Organic Chemistry</i> , 2001, 66, 1647-1656.	1.7	85
80	Organoplatinum Building Blocks for One-Dimensional Hydrogen-Bonded Polymeric Structures. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1959-1961.	4.4	84
81	A view of organocopper compound and cuprates. <i>Journal of Organometallic Chemistry</i> , 1990, 400, 283-301.	0.8	83
82	Asymmetric Induction in the Arenethiolatocopper(I)-Catalyzed Substitution Reaction of Grignard Reagents with Allylic Substrates. <i>Tetrahedron</i> , 2000, 56, 2895-2903.	1.0	83
83	Macromolecular-Multisite Catalysts Obtained by Grafting Diaminoaryl Palladium(ii) Complexes onto a Hyperbranched-Polytrialkylsilane Support. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3445-3447.	7.2	82
84	<i>ortho</i> -Chelating Arenethiolatocopper(II) Complexes as Versatile Catalysts in the Regioselective Cross-Coupling of Allylic Derivatives with <i>n</i> -BuMgI. An Example of Reversed Reactivity of Leaving Groups. <i>Chemistry - A European Journal</i> , 1995, 1, 351-359.	1.7	81
85	Gas Sensor Materials Based on Metallodendrimers. <i>Advanced Materials</i> , 1999, 11, 171-174.	11.1	81
86	1,2-Methyl shift between platinum and the coordinated aryl group in the reaction of methyl iodide with 2,6-bis[(dimethylamino)methyl]phenyl-N,N',C complexes of platinum(II). X-ray crystal structure of the arenonium-platinum compound [Pt(o-tolyl)(MeC ₆ H ₃ (CH ₂ NMe ₂) ₂ -o,o')] ⁺ I [−] . <i>Journal of the American Chemical Society</i> , 1985, 107, 2891-2898.	6.6	80
87	Palladium Colloid Stabilized by Block Copolymer Micelles as an Efficient Catalyst for Reactions of C [−] C and C [−] Heteroatom Bond Formation. <i>Organometallics</i> , 2006, 25, 154-158.	1.1	80
88	Organic Transformations on [−] Aryl Organometallic Complexes. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8558-8573.	7.2	80
89	On the way to chiral copper(I) arenethiolate catalysts for the enantioselective conjugate addition of methyl lithium and methyl magnesium iodide to benzylideneacetone. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 1097-1100.	1.8	78
90	A Model Structure for the Resting State of Cyanocuprate Reagents R ₂ Cu(CN)Li ₂ . The X-ray Crystal Structure of [Ar ₂ Cu(CN)Li ₂ (THF) ₄] [−] 1. <i>Journal of the American Chemical Society</i> , 1998, 120, 9688-9689.	6.6	78

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91	16- and 18-Electron Ruthenium(II) Complexes of the Neutral, Potentially Tridentate Triamine Ligand 2,6-[Bis(dimethylamino)methyl]pyridine (NN \tilde{N}). <i>Inorganic Chemistry</i> , 1998, 37, 1749-1758. New Ruthenium(II) Complexes of Functionalized Monoanionic Aryldiamine $\langle i \rangle N, C, N' \langle /i \rangle$ -Terdentate Ligands: Syntheses of [Ru ^{II} {2,6-(Me) ₂ NCH ₂ CH ₂ CH ₂ -(terpy)} ₂] ⁺ X ⁻ X-ray Structure of a Dimeric Organolithium Compound, [Li{2,6-(Me) ₂ NCH ₂ CH ₂ CH ₂ -Ph} ₂] ₂ . <i>Chemistry - A European Journal</i> , 1996, 2, 1440-1445.	1.9	78
92	Synthesis and properties of trimeric ortho-chelated (arenethiolato)copper(I) complexes. <i>Inorganic Chemistry</i> , 1991, 30, 3309-3317.	1.7	76
93	Oxidative addition - reductive elimination reactions of mono- and bis(aryl)platinum(II) complexes with two amino ligands in fixed trans positions. X-ray crystal structures of (2,6-bis[[dimethylamino]methyl]phenyl)(4-tolyl)platinum(IV) diiodide and (2,6-bis[[dimethylamino]methyl]phenyl)platinum(IV) trichloride. <i>Organometallics</i> , 1990, 9, 903-912.	1.9	75
94	Versatile N,C,N Coordination Behavior of a Monoanionic Aryldiamine Ligand in Ruthenium(II) Complexes: Syntheses and Crystal Structures of [Ru{C ₆ H ₃ (CH ₂ NMe ₂) ₂ -2,6}X(L)] (L = Norbornadiene, X) <i>Tj ETQq1 1 0,784314</i>	1.1	74
95	1996, 15, 941-948.	1.1	74
96	Synthetic aspects of tetraorganotin and organotin(IV) halides. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2145-2157.	0.8	74
97	Ionic 4,4'-Biphenylene-Bridged Bis-ruthenium Complexes [Ru ₂ (4,4'-{C ₆ H ₂ (CH ₂ NMe ₂) ₂ -2,6}) ₂ (terpy) ₂] ⁿ⁺ (n= 2 and 4) and Their Reversible Redox Interconversion: A Molecular Switch. <i>Organometallics</i> , 1998, 17, 5647-5655.	1.1	72
98	Soluble organic supports for the non-covalent immobilization of homogeneous catalysts; modular approaches towards sustainable catalysts. <i>Progress in Polymer Science</i> , 2005, 30, 474-490.	11.8	71
99	Ligand-free copper(I) catalyzed N- and O-arylation of aryl halides. <i>Tetrahedron Letters</i> , 2007, 48, 7366-7370.	0.7	71
100	Immobilization of Organometallic Pincer Catalysts for C-C Coupling Reactions. <i>Organometallics</i> , 2009, 28, 4689-4699.	1.1	71
101	New Arylruthenium(II) Complexes of the P,C,N-Coordinating Terdentate Monoanionic Aryl Ligands [C ₆ H ₂ (CH ₂ PPh ₂) ₂ -2,6-R-4]- (PCP-R-4; R = Ph, H). Synthesis of 16-Electron Species [RuIX(PCP-R-4)(PPh ₃)] (X) <i>Tj ETQq1 1 0,784314</i>	1.1	69
102	(terpy). <i>Organometallics</i> , 1996, 15, 5687-5694.	1.1	69
103	2,6-Bis(oxazolonyl)phenylnickel(II) Bromide and 2,6-Bis(ketimine)phenylnickel(II) Bromide: Synthesis, Structural Features, and Redox Properties. <i>Organometallics</i> , 2007, 26, 3985-3994.	1.1	69
104	Cyclopalladation of 2-[(Dimethylamino)methyl]-Substituted Naphthalenes: 1- vs 3-Palladation. Crystal trans-[4,4-Dimethyl-2-(2-naphthyl)oxazoline]palladium Dichloride. <i>Organometallics</i> , 1994, 13, 2320-2329.	1.1	68
105	Syntheses and structural aspects of rigid aryl- palladium(II) and -platinum(II) complexes. X-ray crystal structure of o,o'-bis[(dimethylamino)methyl]phenyl- platinum(II) bromide. <i>Journal of Organometallic Chemistry</i> , 1986, 315, 401-417.	0.8	67
106	Synthesis and reactivity towards diiodine of palladium(II) and platinum(II) complexes with non-cyclic and cyclic ligands (C ₆ H ₃ {CH ₂ NR ₁ R ₂ } ₂ -2,6) ⁺ . End-on diiodine-platinum(II) bonding in macrocyclic [Pt(C ₆ H ₃ {CH ₂ NMe(CH ₂) ₇ MeNCH ₂ } ₂ -2,6)(i-1-12)]. <i>Journal of Organometallic Chemistry</i> , 1990, 394, 659-678.	0.8	67
107	Synthesis of Periphery-Functionalized Dendritic Molecules Using Polyolithiated Dendrimers as Starting Material. <i>Organic Letters</i> , 2000, 2, 1621-1624.	2.4	66
108	Multiple Use of Soluble Metallodendritic Materials as Catalysts and Dyes. <i>Chemistry - A European Journal</i> , 2001, 7, 1289-1294.	1.7	66
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