Robert G Bergman

List of Publications by Year
in descending order

161	12,132	22153 59	28297 105
papers	citations	h-index	g-index

166	166	166	7581
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Applications of Low-Valent Transition Metalates: Development of a Reactive Noncarbonyl Rhenium(I) Anion. Accounts of Chemical Research, 2022, 55, 783-793.	15.6	9
2	[3 + 2] Cycloadditions and Retrocycloadditions of Niobium Imido Complexes: An Experimental and Computational Mechanistic Study. Inorganic Chemistry, 2022, 61, 6574-6583.	4.0	4
3	Source of Rate Acceleration for Carbocation Cyclization in Biomimetic Supramolecular Cages. Journal of the American Chemical Society, 2022, 144, 11413-11424.	13.7	15
4	Impact of Host Flexibility on Selectivity in a Supramolecular Host-Catalyzed Enantioselective aza-Darzens Reaction. Journal of the American Chemical Society, 2022, 144, 11425-11433.	13.7	35
5	Engendering reactivity at group 5-heteroatom multiple bondsviaÏ€-loading. Chemical Science, 2022, 13, 8224-8242.	7.4	4
6	Ïƒ or Ï€? Bonding interactions in a series of rhenium metallotetrylenes. Dalton Transactions, 2021, 50, 2083-2092.	3.3	9
7	A Diverse Array of Câ€“C Bonds Formed at a Tantalum Metal Center. Inorganic Chemistry, 2021, 60, 9912-9931.	4.0	7
8	Chemoselective and Site-Selective Reductions Catalyzed by a Supramolecular Host and a Pyridineâ€“Borane Cofactor. Journal of the American Chemical Society, 2021, 143, 2108-2114.	13.7	28
9	Enantioselective Kinetic Resolution/Desymmetrization of Paraâ€Quinols: A Case Study in Boronicâ€Acidâ€Directed Phosphoric Acid Catalysis. Advanced Synthesis and Catalysis, 2020, 362, 295-301.	4.3	18
10	A Nanovessel-Catalyzed Three-Component Aza-Darzens Reaction. Journal of the American Chemical Society, 2020, 142, 733-737.	13.7	39
11	1,2-Addition and cycloaddition reactions of niobium bis(imido) and oxo imido complexes. Chemical Science, 2020, 11, 11613-11632.	7.4	17
12	Diverse Reactivity of a Rhenium(V) Oxo Imido Complex: [2 + 2] Cycloadditions, Chalcogen Metathesis, Oxygen Atom Transfer, and Protic and Hydridic 1,2-Additions. Inorganic Chemistry, 2020, 59, 11096-11107.	4.0	10
13	Advances in supramolecular host-mediated reactivity. Nature Catalysis, 2020, 3, 969-984.	34.4	216
14	Electronic Structures of Rhenium(II) Î²-Diketiminates Probed by EPR Spectroscopy: Direct Comparison of an Acceptor-Free Complex to Its Dinitrogen, Isocyanide, and Carbon Monoxide Adducts. Journal of the American Chemical Society, 2020, 142, 13805-13813.	13.7	10
15	Heterogeneous Supramolecular Catalysis through Immobilization of Anionic M₄L₆ Assemblies on Cationic Polymers. Journal of the American Chemical Society, 2020, 142, 19327-19338.	13.7	27
16	Electron acceptors promote protonâ€“hydride tautomerism in low valent rhenium Î²-diketiminates. Chemical Communications, 2020, 56, 3761-3764.	4.1	10
17	Facile Activation of Triarylboranes by Rhenium(V) Oxo Imido Complexes. Inorganic Chemistry, 2020, 59, 7216-7226.	4.0	5
18	A Supramolecular Strategy for Selective Catalytic Hydrogenation Independent of Remote Chain Length. Journal of the American Chemical Society, 2019, 141, 11806-11810.	13.7	66

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19	H₂ Activation and Direct Access to Terminal Nitride and cyclo-P₃ Complexes by an Acceptor-Free Rhenium(II) Î²-Diketiminate. Inorganic Chemistry, 2019, 58, 13492-13501.	4.0	17
20	Supramolecular Host-Selective Activation of Iodoarenes by Encapsulated Organometallics. Journal of the American Chemical Society, 2019, 141, 1701-1706.	13.7	43
21	Controlling dinitrogen functionalization at rhenium through alkali metal ion pairing. Dalton Transactions, 2019, 48, 17936-17944.	3.3	22
22	Structural diversity in multinuclear tantalum polyhydrides formed via reductive hydrogenolysis of metalâ€“carbon bonds. Chemical Communications, 2019, 55, 13263-13266.	4.1	13
23	Heterotetrametallic Reâ€“Znâ€“Znâ€“Re Complex Generated by an Anionic Rhenium(I) Î²-Diketiminate. Journal of the American Chemical Society, 2019, 141, 800-804.	13.7	28
24	Hydroboration Reactivity of Niobium Bis(N-heterocyclic carbene)borate Complexes. Inorganic Chemistry, 2018, 57, 5213-5224.	4.0	16
25	Self-Assembled Tetrahedral Hosts as Supramolecular Catalysts. Accounts of Chemical Research, 2018, 51, 2447-2455.	15.6	292
26	Deconvoluting the Role of Charge in a Supramolecular Catalyst. Journal of the American Chemical Society, 2018, 140, 6591-6595.	13.7	81
27	Reductions of a Rhenium(III) Terminal Oxo Complex by Isocyanides and Carbon Monoxide. Organometallics, 2018, 37, 3552-3557.	2.3	10
28	Redox-Initiated Reactivity of Dinuclear Î²-Diketiminatoniobium Imido Complexes. Inorganic Chemistry, 2017, 56, 1626-1637.	4.0	9
29	Synthesis and Redox Chemistry of a Tantalum Alkylidene Complex Bearing a Metallaimidazole Ring. Organometallics, 2017, 36, 3520-3529.	2.3	7
30	Olefinâ€Supported Rhenium(III) Terminal Oxo Complexes Generated by Nucleophilic Addition to a Cyclopentadienyl Ligand. Angewandte Chemie - International Edition, 2017, 56, 14241-14245.	13.8	16
31	Thorium Metallacycle Facilitates Catalytic Alkyne Hydrophosphination. Journal of the American Chemical Society, 2017, 139, 12935-12938.	13.7	43
32	Conformational Selection as the Mechanism of Guest Binding in a Flexible Supramolecular Host. Journal of the American Chemical Society, 2017, 139, 8013-8021.	13.7	93
33	Olefinâ€Supported Rhenium(III) Terminal Oxo Complexes Generated by Nucleophilic Addition to a Cyclopentadienyl Ligand. Angewandte Chemie, 2017, 129, 14429-14433.	2.0	1
34	Photo-activation of d⁰ niobium imido azides: en route to nitrido complexes. Chemical Communications, 2016, 52, 5538-5541.	4.1	24
35	Lewis acidâ€“base interactions between platinum(<scp>ii</scp>) diaryl complexes and bis(perfluorophenyl)zinc: strongly accelerated reductive elimination induced by a Z-type ligand. Chemical Communications, 2016, 52, 7039-7042.	4.1	28
36	Reproduzierbarkeit in der chemischen Forschung. Angewandte Chemie, 2016, 128, 12736-12737.	2.0	11

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37	Reproducibility in Chemical Research. Angewandte Chemie - International Edition, 2016, 55, 12548-12549.	13.8	45
38	New Regio- and Stereoselective Cascades via Unstabilized Azomethine Ylide Cycloadditions for the Synthesis of Highly Substituted Tropane and Indolizidine Frameworks. Journal of the American Chemical Society, 2016, 138, 12664-12670.	13.7	26
39	Scope and Mechanism of Cooperativity at the Intersection of Organometallic and Supramolecular Catalysis. Journal of the American Chemical Society, 2016, 138, 9682-9693.	13.7	86
40	Unusual Îº1 coordination of a Î²-diketiminate ligand in niobium complexes. Dalton Transactions, 2016, 45, 12661-12668.	3.3	11
41	Oxygen Atom Transfer and Intramolecular Nitrene Transfer in a Rhenium Î²-Diketiminate Complex. Inorganic Chemistry, 2016, 55, 11993-12000.	4.0	25
42	Group 5 chemistry supported by Î²-diketiminate ligands. Dalton Transactions, 2016, 45, 15725-15745.	3.3	43
43	Improved scope and diastereoselectivity of Câ€“H activation in an expanded supramolecular host. Supramolecular Chemistry, 2016, 28, 188-191.	1.2	1
44	Preparation of Enantiomerically Pure Perfluorobutanesulfinamide and Its Application to the Asymmetric Synthesis of Î±-Amino Acids. Journal of Organic Chemistry, 2016, 81, 1547-1557.	3.2	30
45	Nitrene Metathesis and Catalytic Nitrene Transfer Promoted by Niobium Bis(imido) Complexes. Journal of the American Chemical Society, 2016, 138, 52-55.	13.7	48
46	Biaryl Reductive Elimination Is Dramatically Accelerated by Remote Lewis Acid Binding to a 2,2â€²-Bipyrimidylâ€“Platinum Complex: Evidence for a Bidentate Ligand Dissociation Mechanism. Organometallics, 2016, 35, 1064-1069.	2.3	34
47	Facile Rh(III)-Catalyzed Synthesis of Fluorinated Pyridines. Organic Letters, 2015, 17, 2567-2569.	4.6	42
48	A supramolecular microenvironment strategy for transition metal catalysis. Science, 2015, 350, 1235-1238.	12.6	401
49	Electron localization in a mixed-valence diniobium benzene complex. Chemical Science, 2015, 6, 993-1003.	7.4	22
50	Câ€“F sp2 bond functionalization mediated by niobium complexes. Dalton Transactions, 2015, 44, 19494-19500.	3.3	13
51	Regio- and Diastereoselective Synthesis of Highly Substituted, Oxygenated Piperidines from Tetrahydropyridines. Journal of Organic Chemistry, 2015, 80, 6660-6668.	3.2	25
52	Enabling New Modes of Reactivity via Constrictive Binding in a Supramolecular-Assembly-Catalyzed Aza-Prins Cyclization. Journal of the American Chemical Society, 2015, 137, 9202-9205.	13.7	111
53	Mechanism and Catalytic Impact of Irâ€“Ta Heterobimetallic and Irâ€“P Transition Metal/Main Group Interactions on Alkene Hydrogenation. ACS Catalysis, 2015, 5, 1840-1849.	11.2	30
54	Supramolecular Catalysis in Metalâ€“Ligand Cluster Hosts. Chemical Reviews, 2015, 115, 3012-3035.	47.7	1,021

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55	Lewis Acidity of Bis(perfluorocatecholato)silane: Aldehyde Hydrosilylation Catalyzed by a Neutral Silicon Compound. Journal of the American Chemical Society, 2015, 137, 5328-5331.	13.7	112
56	Rhodium(I)-Catalyzed Cycloisomerization of 1,6-Enynes. Synlett, 2015, 26, 1533-1536.	1.8	5
57	Supramolecular Ga₄L₆^{12â€“} Cage Photosensitizes 1,3-Rearrangement of Encapsulated Guest via Photoinduced Electron Transfer. Journal of the American Chemical Society, 2015, 137, 10128-10131.	13.7	92
58	Protein-like proton exchange in a synthetic host cavity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15303-15307.	7.1	16
59	The effect of host structure on the selectivity and mechanism of supramolecular catalysis of Prins cyclizations. Chemical Science, 2015, 6, 1383-1393.	7.4	68
60	Synthesis of Stable Gold(III) Pincer Complexes with Anionic Heteroatom Donors. Organometallics, 2014, 33, 4169-4172.	2.3	27
61	Reaction of (Bisimido)niobium(V) Complexes with Organic Azides: [3 + 2] Cycloaddition and Reversible Cleavage of Î²-Diketiminato Ligands Involving Nitrene Transfer. Journal of the American Chemical Society, 2014, 136, 2994-2997.	13.7	47
62	Carbonâ€“fluorine bond cleavage in fluoroarenes via a niobium(iii) imido complex: from stoichiometric to catalytic hydrodefluorination. Chemical Science, 2014, 5, 2517.	7.4	60
63	Preparation and reactivity of terminal gold(<scp>i</scp>) amides and phosphides. Chemical Science, 2013, 4, 1023-1027.	7.4	53
64	Dis-assembly of a Benzylic CF3 Group Mediated by a Niobium(III) Imido Complex. Journal of the American Chemical Society, 2013, 135, 8145-8148.	13.7	37
65	Diniobium Inverted Sandwich Complexes with Î¼-Î·⁶:Î·⁶-Arene Ligands: Synthesis, Kinetics of Formation, and Electronic Structure. Journal of the American Chemical Society, 2013, 135, 3224-3236.	13.7	56
66	Controlled Hydrosilylation of Carbonyls and Imines Catalyzed by a Cationic Aluminum Alkyl Complex. Organometallics, 2012, 31, 2530-2533.	2.3	62
67	Synthesis and reactivity of cationic niobium and tantalum methyl complexes supported by imido and Î²-diketiminato ligands. Dalton Transactions, 2011, 40, 7718.	3.3	29
68	Highly Efficient Aluminum-Catalyzed Ring-Opening Polymerization of Cyclic Carbonates, Lactones, and Lactides, Including a Unique Crystallographic Snapshot of an Intermediate. Organometallics, 2011, 30, 3217-3224.	2.3	45
69	Z-Selective, Catalytic Internal Alkyne Semihydrogenation under H₂/CO Mixtures by a Niobium(III) Imido Complex. Journal of the American Chemical Society, 2011, 133, 14904-14907.	13.7	82
70	Enzymelike Catalysis of the Nazarov Cyclization by Supramolecular Encapsulation. Journal of the American Chemical Society, 2010, 132, 6938-6940.	13.7	308
71	Synthesis, Characterization, and Reactions of Isolable (Î²-Diketiminato)niobium(III) Imido Complexes. Organometallics, 2010, 29, 5010-5025.	2.3	56
72	Synthesis, Characterization, and Reactivity of Aluminum Alkyl/Amide Complexes Supported by Guanidinate and Monoanionic OCO-Pincer Ligands. Organometallics, 2010, 29, 3350-3356.	2.3	51

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73	Highly Efficient Aluminum-Catalyzed Hydro-amination/-hydrazination of Carbodiimides. Organometallics, 2010, 29, 5946-5952.	2.3	64
74	Photoinduced N2 loss as a route to long-lived organometallic alkane complexes: A time-resolved IR and NMR study. Chemical Science, 2010, 1, 622.	7.4	44
75	Halo, Alkyl, Aryl, and Bis(imido) Complexes of Niobium Supported by the Î²-Diketiminato Ligand. Organometallics, 2010, 29, 2926-2942.	2.3	71
76	Enantioselective Catalysis of the Aza-Cope Rearrangement by a Chiral Supramolecular Assembly. Journal of the American Chemical Society, 2009, 131, 17530-17531.	13.7	215
77	An Unusally Diverse Array of Products Formed upon Carbonylation of a Dialkylniobium Complex. Journal of the American Chemical Society, 2008, 130, 11262-11263.	13.7	34
78	Supramolecular Catalysis of Orthoformate Hydrolysis in Basic Solution: An Enzyme-Like Mechanism. Journal of the American Chemical Society, 2008, 130, 11423-11429.	13.7	93
79	(N,N -chelate)(Olefin) Platinum (O) Complexes. Inorganic Syntheses, 2007, , 158-162.	0.3	7
80	Tetrahydrido(Î·5 -Pentamethylcyclopenta-Dienyl)Iridium. Inorganic Syntheses, 2007, , 19-22.	0.3	3
81	Platinum Group Thiophenoxyimine Complexes:Â Syntheses and Crystallographic/Computational Studies. Organometallics, 2007, 26, 897-909.	2.3	22
82	Acid Catalysis in Basic Solution: A Supramolecular Host Promotes Orthoformate Hydrolysis. Science, 2007, 316, 85-88.	12.6	717
83	Analysis of an Unprecedented Mechanism for the Catalytic Hydrosilylation of Carbonyl Compounds. Journal of the American Chemical Society, 2007, 129, 14684-14696.	13.7	142
84	Molecular Recognition and Stabilization of Iminium Ions in Water. Journal of the American Chemical Society, 2006, 128, 14464-14465.	13.7	216
85	Neutral and Cationic Alkyl Tantalum Imido Complexes:Â Synthesis and Migratory Insertion Reactions. Organometallics, 2006, 25, 3394-3406.	2.3	50
86	Supramolecular Catalysis of Unimolecular Rearrangements:Â Substrate Scope and Mechanistic Insights. Journal of the American Chemical Society, 2006, 128, 10240-10252.	13.7	170
87	Synthesis and Properties of Seven Ionic Liquids Containing 1-Methyl-3-octylimidazolium or 1-Butyl-4-methylpyridinium Cations. Journal of Chemical & Engineering Data, 2006, 51, 1389-1393.	1.9	119
88	The neighboring group effect of fluorine in the tritium labeling of organic substrates with [Cp*(PMe3)IrMe(CH2Cl2)]+[BArf]â^', a cationic iridium(III) complex. Journal of Labelled Compounds and Radiopharmaceuticals, 2006, 49, 623-634.	1.0	19
89	Preagostic Rhâ^'H Interactions and Câ^'H Bond Functionalization:â€‰ A Combined Experimental and Theoretical Investigation of Rhodium(I) Phosphinite Complexes. Organometallics, 2005, 24, 5737-5746.	2.3	107
90	Carboamination: Additions of Imine Cï£¾N Bonds Across Alkynes Catalyzed by Imidozirconium Complexes. Angewandte Chemie - International Edition, 2004, 43, 5372-5374.	13.8	64

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91	Supramolecular Catalysis of a Unimolecular Transformation: Aza-Cope Rearrangement within a Self-Assembled Host. Angewandte Chemie - International Edition, 2004, 43, 6748-6751.	13.8	273
92	Reactions of Imines with Azazirconacyclobutenes and Generation of Electron-Deficient Imidozirconocene Complexes. Organometallics, 2004, 23, 2231-2233.	2.3	25
93	Catalytic Hydroamination of Alkynes and Norbornene with Neutral and Cationic Tantalum Imido Complexes. Organic Letters, 2004, 6, 2519-2522.	4.6	114
94	Câ€”H Bond Activation by Iridium and Rhodium Complexes: Catalytic Hydrogenâ€”Deuterium Exchange and Câ€”C Bond-Forming Reactions. ACS Symposium Series, 2004, , 46-55.	0.5	19
95	Computational Study of Methane Activation by TpRe(CO)2 and CpRe(CO)2 with a Stereoelectronic Comparison of Cyclopentadienyl and Scorpionate Ligands. Organometallics, 2003, 22, 2331-2337.	2.3	71
96	Reactions of Cp*(PMe3)Ir(Me)OTf with Silanes:Â Role of Base-Free Silylene Complexes in Rearrangements of the Resulting Silicon-Based Ligands. Organometallics, 2002, 21, 3376-3387.	2.3	40
97	Selective transformations of organic compounds by imidozirconocene complexes. Chemical Record, 2002, 2, 431-445.	5.8	176
98	Addendum to Structure and Reactivity of Earlyâ^'Late Heterobimetallic Complexes. Chemical Reviews, 2001, 101, 207-208.	47.7	3
99	Binding of Chlorohydrocarbons to Metal Centers:Â Quantitative Evaluation of Relative Binding Constants and Structural Characterization of the First Isolable Transition Metalâ^'Chloromethane Adduct. Journal of the American Chemical Society, 2001, 123, 11508-11509.	13.7	22
100	Zirconium-Mediated Metathesis of Imines:â€‰ A Study of the Scope, Longevity, and Mechanism of a Complicated Catalytic System. Journal of the American Chemical Society, 2000, 122, 751-761.	13.7	121
101	Mechanistic Investigation of the Reaction of Iridium Dihydride Complexes with Organic Acid Chlorides. Organometallics, 2000, 19, 2073-2083.	2.3	19
102	Reactivity of a Parent Amidoruthenium Complex:Â A Transition Metal Amide of Exceptionally High Basicity. Journal of the American Chemical Society, 2000, 122, 8799-8800.	13.7	73
103	Insertion of Nitriles into a Zirconiumâ^'Iridium Heterobimetallic Complex:Â A Mechanistic Study. Organometallics, 2000, 19, 602-614.	2.3	46
104	Structural Factors that Influence the Course of Overall [2 + 2] Cycloaddition Reactions between Imidozirconocene Complexes and Heterocumulenes. Organometallics, 2000, 19, 4795-4809.	2.3	91
105	Synthesis of Novel Group 4 Complexes Bearing the Tropidinyl Ligand:Â Investigations of Dynamic Behavior, Reactivity, and Catalytic Olefin Polymerization. Organometallics, 2000, 19, 1406-1421.	2.3	25
106	Dihydrogen Activation by Titanium Sulfide Complexes. Organometallics, 1999, 18, 5502-5510.	2.3	115
107	Rapid Reduction of Nitric Oxide to Dinitrogen by Zirconium(II):Â Kinetic Studies on a Reaction Controlled by Gasâ^'Liquid Transport. Journal of the American Chemical Society, 1999, 121, 8260-8269.	13.7	24
108	Double Group Transfer Reactions of an Unsaturated Tantalum Methylidene Complex with PyridineN-Oxides. Organometallics, 1999, 18, 4465-4467.	2.3	34

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109	Deprotonation of the Transition Metal Hydride (Î·5-C5Me5)(PMe3)IrH2. Synthesis and Chemistry of the Strongly Basic Lithium Iridate (Î·5-C5Me5)(PMe3)Ir(H)(Li). Organometallics, 1999, 18, 2005-2020.	2.3	66
110	Application of theE-CApproach to Understanding the Bond Energies Thermodynamics of Late-Metal Amido, Aryloxo and Alkoxo Complexes: An Alternative to pï€/dï€ Repulsion. Comments on Inorganic Chemistry, 1999, 21, 115-129.	5.2	103
111	Tantalum-Mediated Cleavage of an NN Bond in an Organic Diazene (Azoarene) to Produce an Imidometal (MNR) Complex:â€‰ An Î·2-Diazene Complex Is Not an Intermediate. Organometallics, 1999, 18, 811-813.	2.3	37
112	Synthesis of an Î·2-N2-Titanium Diazoalkane Complex with Both Imido- and Metal Carbene-Like Reactivity Patterns. Journal of the American Chemical Society, 1998, 120, 6316-6328.	13.7	62
113	Reactivity of a Terminal Ti(IV) Imido Complex toward Alkenes and Alkynes:â€‰ Cycloaddition vs Câ^'H Activation. Journal of the American Chemical Society, 1998, 120, 13405-13414.	13.7	164
114	Nitrous Oxide Mediated Synthesis of Monomeric Hydroxoruthenium Complexes. Reactivity of (DMPE)2Ru(H)(OH) and the Synthesis of a Silica-Bound Ruthenium Complex. Organometallics, 1998, 17, 5072-5085.	2.3	96
115	Reaction of Organic Disulfides with Cobalt-Centered Metal Radicals. Use of the E- and C-Based Dual-Parameter Substituent Model and Quantitative Solvent Effect Analyses To Compare Outer-Sphere and Inner-Sphere Electron-Transfer Processes. Journal of the American Chemical Society, 1998, 120, 8755-8766.	13.7	12
116	A Useful Method for Preparing Iridium Alkoxides and a Study of Their Catalytic Decomposition by Iridium Cations:Â A New Mode of Î²-Hydride Elimination for Coordinatively Saturated Metal Alkoxides. Journal of the American Chemical Society, 1998, 120, 6826-6827.	13.7	65
117	Synthesis and Structural Characterization of Late Transition Metal Parent Amido (LnM-NH2) Complexes: An Acid/Conjugate Base Metathesis Approach. Journal of the American Chemical Society, 1998, 120, 6828-6829.	13.7	42
118	Cycloaddition and Nucleophilic Substitution Reactions of the Monomeric Titanocene Sulfido Complex (Î·5-C5Me5)2(C5H5N)TiS. Journal of the American Chemical Society, 1998, 120, 7825-7834.	13.7	31
119	Adduct Formation and Single and Double Deprotonation of Cp*(PMe3)Ir(H)2with Main Group Metal Alkyls and Aryls:Â Synthesis and Structure of Three Novel Irâ^'Al and Irâ^'Mg Heterobimetallics. Journal of the American Chemical Society, 1998, 120, 223-224.	13.7	98
120	Sub-Picosecond IR Study of the Reactive Intermediate in an Alkane Câ^'H Bond Activation Reaction by CpRh(CO)2. Organometallics, 1998, 17, 3417-3419.	2.3	57
121	Use of Steric Hindrance and a Metallacyclobutene Resting State to Develop Robust and Kinetically Characterizable Zirconium-Based Imine Metathesis Catalysts. Journal of the American Chemical Society, 1998, 120, 11828-11829.	13.7	40
122	Cyclopentadienyl and Imide Ligand Transfer from Zirconium to Iridium:Â Can Early Transition Metal Imido Compounds Be Used as Imide Transfer Reagents?. Organometallics, 1998, 17, 433-437.	2.3	24
123	The Mechanism of Addition of an Irâ^'OH bond to Ethylene. Catalytic Tandem Activation by Two [Î·5-Cp*(Ph)IrPMe3]+ Complex Fragments. Journal of the American Chemical Society, 1997, 119, 2580-2581.	13.7	46
124	Câ^'C and Câ^'H Bond Activation at Ruthenium(II):â€‰ The Stepwise Degradation of a Neopentyl Ligand to a Trimethylenemethane Ligand. Journal of the American Chemical Society, 1997, 119, 11244-11254.	13.7	67
125	Nitrous Oxide Mediated Oxygen Atom Insertion into a Rutheniumâ^'Hydride Bond. Synthesis and Reactivity of the Monomeric Hydroxoruthenium Complex (DMPE)2Ru(H)(OH). Organometallics, 1997, 16, 1106-1108.	2.3	53
126	Synthesis, Structure, and Reactivity of Monomeric Titanocene Sulfido and Disulfide Complexes. Reaction of H2with a Terminal MS Bond. Journal of the American Chemical Society, 1997, 119, 4543-4544.	13.7	108

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127	X-ray Crystal Structures of Cp*Ni(PEt3)X [X = Br, O(p-C6H4Me), NH(p-C6H4Me), S(p-C6H4Me), OCH3, CH2C6H5, Me, H, PEt3+]. Understanding Distortions and Trans Influences in Cyclopentadienyl Complexes. Journal of the American Chemical Society, 1997, 119, 12815-12823.	13.7	65
128	The Mechanism of a C-H Bond Activation Reaction in Room-Temperature Alkane Solution. Science, 1997, 278, 260-263.	12.6	256
129	Synthesis, Structures, and Kinetics and Mechanism of Decomposition of Terminal Metal Azide Complexes: Isolated Intermediates in the Formation of Imidometal Complexes from Organic Azides. Organometallics, 1996, 15, 684-692.	2.3	92
130	Generation of Oxozirconocene Complexes from the Reaction of Cp2(THF)ZrN-t-Bu with Organic and Metal Carbonyl Functionalities:â€‰ Apparently Divergent Behavior of Transient [Cp2ZrO]. Journal of the American Chemical Society, 1996, 118, 6396-6406.	13.7	58
131	Synthesis, Characterization, Isomerization, and Reactivity of Dimeric Cyclopentadienylnickel Amido Complexes. Journal of the American Chemical Society, 1996, 118, 1092-1104.	13.7	53
132	Synthesis, Structure, and Reactivity Studies of an Î·2-N2-Titanium Diazoalkane Complex. Generation and Trapping of a Carbene Complex Intermediate. Journal of the American Chemical Society, 1996, 118, 8737-8738.	13.7	50
133	Activation of Organic Disulfides by a Paramagnetic Heterobimetallic Tantalum/Cobalt Complex and a Comparison of Their Reactions with Cobaltocene. Evidence for a Dependence of Mechanism on the Electronic Properties of the Disulfide. Journal of the American Chemical Society, 1996, 118, 1793-1794.	13.7	25
134	Synthesis, X-ray Structure Determination, and Reactions of (Pentamethylcyclopentadienyl)(nitrosyl)ruthenium Î·2-Arene Complexes. Journal of the American Chemical Society, 1996, 118, 6908-6915.	13.7	52
135	Ultrafast Dynamics of Cp*M(CO)2(M = Ir, Rh) in Solution:Â The Origin of the Low Quantum Yields for Câ”H Bond Activation. Journal of the American Chemical Society, 1996, 118, 2069-2072.	13.7	51
136	Catalytic Dimerization Reactions of Î±-Olefins and Î±,Ï‰-Dienes with Cp2ZrCl2/Poly(methylalumoxane):Â Formation of Dimers, Carbocycles, and Oligomers. Journal of the American Chemical Society, 1996, 118, 4715-4716.	13.7	80
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