

# Laure Vendier

## List of Publications by Year in descending order

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213  
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6,697  
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61857

43  
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226  
docs citations

226  
times ranked

6208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium-Catalyzed Reduction of Carbon Dioxide to Formaldehyde. <i>Journal of the American Chemical Society</i> , 2014, 136, 4419-4425.	6.6	194
2	Single-Laser-Shot-Induced Complete Bidirectional Spin Transition at Room Temperature in Single Crystals of $(\text{Fe}^{\text{II}}(\text{pyrazine})_2(\text{Pt}(\text{CN})_4))$ . <i>Journal of the American Chemical Society</i> , 2008, 130, 9019-9024.	6.6	191
3	Borane-Mediated Carbon Dioxide Reduction at Ruthenium: Formation of $\text{C}_1$ and $\text{C}_2$ Compounds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1671-1674.	7.2	189
4	Face-Sharing Heterotrinnuclear $\text{M}^{\text{II}}\text{Ln}^{\text{III}}\text{M}^{\text{II}}$ ( $\text{M} = \text{Mn, Fe, Co, Zn; Ln} = \text{Tj, ET, Q, Q', O, O', rg, BT, Overlock}$ ) $10_{10} \text{Tf} 50 462$ 49, 9125-9135.	1.9	188
5	Iron-Catalyzed $\text{C-H}$ Borylation of Arenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 4062-4065.	6.6	166
6	Ruthenium-Catalyzed Hydrogenation of Nitriles: Insights into the Mechanism. <i>Journal of the American Chemical Society</i> , 2010, 132, 7854-7855.	6.6	161
7	Ruthenium Bis( $\text{if-Bi-H}$ ) Aminoborane Complexes from Dehydrogenation of Amine-Boranes: Trapping of $\text{H}_2$ $\text{Bi-NH}_2$ . <i>Angewandte Chemie - International Edition</i> , 2010, 49, 918-920.	7.2	145
8	Hetero-Metallic $\{3d-4f-5d\}$ Complexes: Preparation and Magnetic Behavior of Trinuclear $[(\text{L}^{\text{Me}_2}\text{Ni}^{\text{II}}\text{Ln})\{\text{W}(\text{CN})_8\}]$ Compounds ( $\text{Ln} = \text{Gd, Tb, Dy, Ho, Er, Y}$ ) $\text{Tj ET, Q, Q', O, O', rg, BT, Overlock}$ 10 <sub>10</sub> Tf 50 462 Chemistry, 2009, 48, 5820-5828.	1.9	126
9	A practical, cheap and environmentally friendly preparation of bismuth(III) trifluoromethanesulfonate. <i>Tetrahedron Letters</i> , 2002, 43, 993-995.	0.7	117
10	Preparation and Study of New Poly- $\text{B-H}$ Hydroxyquinoline Chelators for an anti-Alzheimer Strategy. <i>Chemistry - A European Journal</i> , 2008, 14, 682-696.	1.7	116
11	Synthesis, Neutron Structure, and Reactivity of the Bis(dihydrogen) Complex $\text{RuH}_2(\text{i-2-H}_2)_2(\text{PCyp}_3)_2$ Stabilized by Two Tricyclopentylphosphines. <i>Journal of the American Chemical Society</i> , 2005, 127, 17592-17593.	6.6	113
12	Group-6 Transition-Metal/Boron Frustrated Lewis Pair Templates Activate $\text{N}_2$ and Allow its Facile Borylation and Silylation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12268-12272.	7.2	111
13	A Terminal Borylene Ruthenium Complex: From $\text{B-H}$ Activation to Reversible Hydrogen Release. <i>Journal of the American Chemical Society</i> , 2008, 130, 12878-12879.	6.6	108
14	Trioxaferroquines as New Hybrid Antimalarial Drugs. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4103-4109.	2.9	101
15	Coordination Modes of Boranes in Polyhydride Ruthenium Complexes: $\text{if-Borane}$ versus Dihydridoborate. <i>Organometallics</i> , 2005, 24, 2935-2943.	1.1	100
16	Hydroamination of Alkynes Catalyzed by Imido Complexes of Titanium and Vanadium. <i>Organometallics</i> , 2004, 23, 1845-1850.	1.1	97
17	Mesitylborane as a Bis( $\text{if-B-H}$ ) Ligand: An Unprecedented Bonding Mode to a Metal Center. <i>Journal of the American Chemical Society</i> , 2007, 129, 8704-8705.	6.6	91
18	Ethylene Homo- and Copolymerization Activity of a Series of [ONNO]-Type Amine Bis(phenolate) Based Vanadium(II-V) Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2850-2859.	1.0	83

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19	Structural and magnetic studies of original tetranuclear Collâ€“LnIII complexes (LnIII = Gd, Tb, Y). Dalton Transactions, 2011, 40, 1700.	1.6	76
20	Diâ€•or Trinuclear 3dâ€“4f Schiff Base Complexes: The Role of Anions. European Journal of Inorganic Chemistry, 2008, 2008, 5235-5244.	1.0	73
21	High-pressure spin-crossover in a dinuclear Fe(ii) complex. Physical Chemistry Chemical Physics, 2012, 14, 5265.	1.3	73
22	Experimental Evidence for the Participation of 5d GdIII Orbitals in the Magnetic Interaction in Niâ€“Gd Complexes. Inorganic Chemistry, 2009, 48, 5555-5561.	1.9	72
23	Ruthenium, Rhodium, and Iridium Bis(Îf-Bâ€“H) Diisopropylaminoborane Complexes. Organometallics, 2010, 29, 5591-5595.	1.1	71
24	Synthesis and Properties of Dendrimers Possessing the Same Fluorophore(s) Located Either Peripherally or Off-Center. Journal of Organic Chemistry, 2007, 72, 8707-8715.	1.7	65
25	A New Perfluorinated F<sub>21</sub>-Tp Scorpionate Ligand: Enhanced Alkane Functionalization by Carbene Insertion with (F<sub>21</sub>-Tp)M Catalysts (M = Cu, Ag). Organometallics, 2008, 27, 4779-4787.	1.1	64
26	Phosphinoborane and Sulfidoborohydride as Chelating Ligands in Polyhydride Ruthenium Complexes: Agostic Îfâ€“Borane versus Dihydroborate Coordination. Angewandte Chemie - International Edition, 2009, 48, 2964-2968.	7.2	64
27	NHC-Derived Bis(amidiniophosphine) Ligands of Rh(I) Complexes: Versatile cisâ€“trans Chelation Driven by an Interplay of Electrostatic and Orbital Effects. Inorganic Chemistry, 2009, 48, 5562-5568.	1.9	63
28	The Big Impact of a Small Detail: Cobalt Nanocrystal Polymorphism as a Result of Precursor Addition Rate during Stock Solution Preparation. Journal of the American Chemical Society, 2012, 134, 17922-17931.	6.6	62
29	Homoleptic Twoâ€“Coordinate Silylamido Complexes of Chromium(I), Manganese(I), and Cobalt(I). Chemistry - A European Journal, 2016, 22, 1668-1674.	1.7	62
30	An Original Lâ€“shape, Tunable Nâ€“Heterocyclic Carbene Platform for Efficient Gold(I) Catalysis. Angewandte Chemie - International Edition, 2019, 58, 7977-7981.	7.2	62
31	A single molecule magnet (SMM) with a helicate structure. New Journal of Chemistry, 2008, 32, 197-200.	1.4	60
32	Characterization of New Specific Copper Chelators as Potential Drugs for the Treatment of Alzheimerâ€™s Disease. Chemistry - A European Journal, 2014, 20, 6771-6785.	1.7	57
33	Relaxation Dynamics and Magnetic Anisotropy in a Lowâ€“Symmetry Dy<sup>III</sup> Complex. Chemistry - A European Journal, 2016, 22, 5552-5562.	1.7	56
34	Vacuum deposition of high-quality thin films displaying spin transition near room temperature. Journal of Materials Chemistry C, 2017, 5, 4419-4425.	2.7	55
35	Synthesis and Reactivity of Ruthenium Arene Complexes Incorporating Novel Ph<sub>2</sub>PCH<sub>2</sub>BR<sub>2</sub> Ligands. Easy Access to the Four-Membered Ruthenacycle [(p-cymene)RuCl(Î¶<sup>C,P</sup>-CH<sub>2</sub>CH<sub>2</sub>PPh<sub>2</sub>)]. Organometallics, 2008, 27, 1140-1146.	1.1	51
36	Synthesis and structure of early transition metal NHC complexes. Dalton Transactions, 2009, , 6972.	1.6	50

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37	On the importance of ferromagnetic exchange between transition metals in field-free SMMs: examples of ring-shaped hetero-trimetallic [(LnNi <sub>2</sub> ){W(CN) <sub>8</sub> }] <sub>2</sub> compounds. <i>Chemical Communications</i> , 2015, 51, 7875-7878.	2.2	50
38	Dimethylaminoborane (H <sub>2</sub> BNMe <sub>2</sub> ) Coordination to Late Transition Metal Centers: Snapshots of the B-H Oxidative Addition Process.. <i>Inorganic Chemistry</i> , 2011, 50, 11039-11045.	1.9	49
39	B <sub>2</sub> H, C <sub>2</sub> H, and B <sub>2</sub> C Bond Activation: The Role of Two Adjacent Agostic Interactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7569-7573.	7.2	46
40	Tetranuclear [Co-Gd] <sub>2</sub> Complexes: Aiming at a Better Understanding of the 3d-Gd Magnetic Interaction. <i>Inorganic Chemistry</i> , 2012, 51, 6396-6404.	1.9	45
41	Structural and Magnetic Studies of New Ni <sup>II</sup> -Ln <sup>III</sup> Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2768-2773.	1.0	44
42	Ruthenium Complexes Carrying Hydride, Dihydrogen, and Phosphine Ligands: Reversible Hydrogen Release. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2613-2615.	7.2	43
43	Metalloligands for designing single-molecule and single-chain magnets. <i>Dalton Transactions</i> , 2010, 39, 4886.	1.6	42
44	Structures of the Copper and Zinc Complexes of PBT2, a Chelating Agent Evaluated as Potential Drug for Neurodegenerative Diseases. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 600-608.	1.0	41
45	Structural and Magnetic Study of a Trinuclear Mn <sup>II</sup> -Gd <sup>III</sup> -Mn <sup>II</sup> Complex. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3801-3806.	1.0	39
46	C-H Bond Activation of Benzene by Unsaturated $\hat{I}$ -Cyclopropene and $\hat{I}$ -Bzzyne Complexes of Niobium. <i>Journal of the American Chemical Society</i> , 2010, 132, 14239-14250.	6.6	39
47	Ruthenium Agostic (Phosphinoaryl)borane Complexes: Multinuclear Solid-State and Solution NMR, X-ray, and DFT Studies. <i>Journal of the American Chemical Society</i> , 2011, 133, 17232-17238.	6.6	39
48	Preparation of Tetradentate Copper Chelators as Potential Anti-Alzheimer Agents. <i>ChemMedChem</i> , 2018, 13, 684-704.	1.6	38
49	Synthesis, structure and coordination of the ambiphilic ligand (2-picoyl)BCy2. <i>Dalton Transactions</i> , 2007, , 2370.	1.6	37
50	Highly Fluorinated Tris(indazolyl)borate Silylamido Complexes of the Heavier Alkaline Earth Metals: Synthesis, Characterization, and Efficient Catalytic Intramolecular Hydroamination. <i>Chemistry - A European Journal</i> , 2015, 21, 4115-4125.	1.7	37
51	The structure of fluorinated indazoles: the effect of the replacement of a H by a F atom on the supramolecular structure of NH-indazoles. <i>New Journal of Chemistry</i> , 2007, 31, 936-946.	1.4	35
52	Magnetic Anisotropy in Ni <sup>II</sup> -Y <sup>III</sup> Binuclear Complexes: On the Importance of Both the First Coordination Sphere of the Ni <sup>II</sup> Ion and the Y <sup>III</sup> Ion Belonging to the Second Coordination Sphere. <i>Inorganic Chemistry</i> , 2011, 50, 11075-11081.	1.9	35
53	Functionalization of Non-activated C <sub>2</sub> H Bonds of Alkanes: An Effective and Recyclable Catalytic System Based on Fluorinated Silver Catalysts and Solvents. <i>Chemistry - A European Journal</i> , 2013, 19, 1327-1334.	1.7	35
54	Nature of Si-H Interactions in a Series of Ruthenium Silazane Complexes Using Multinuclear Solid-State NMR and Neutron Diffraction. <i>Inorganic Chemistry</i> , 2014, 53, 1156-1165.	1.9	35

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55	Agostic Siâ€“H bond coordination assists Câ€“H bond activation at ruthenium in bis(phosphinobenzylsilane) complexes. <i>Chemical Communications</i> , 2007, , 3963.	2.2	34
56	Di- and Triheteronuclear Cuâ”Gd and Cuâ”Gdâ”Cu Complexes with Dissymmetric Double Bridge. <i>Inorganic Chemistry</i> , 2008, 47, 6444-6451.	1.9	34
57	Dehydrogenation of Diamineâ€“Monoboranes to Cyclic Diaminoboranes: Efficient Rutheniumâ€“Catalyzed Dehydrogenative Cyclization. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3646-3648.	7.2	34
58	Facile Synthesis of Cyclometalated Ruthenium Complexes with Substituted Phenylpyridines. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3294-3302.	1.0	33
59	Reactivity of B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> with Simple Early Transition Metal Alkoxides: Alkoxide-Aryl Exchange, THF Ring-Opening, or Acetonitrile CC Coupling. <i>Organometallics</i> , 2008, 27, 5017-5024.	1.1	33
60	Cytisine-like alkaloids from <i>Ormosia hosiei</i> Hemsl. & E.H. Wilson. <i>Phytochemistry</i> , 2014, 107, 97-101.	1.4	33
61	Functional [6]Pericyclines: Synthesis through [1+4] and [8+10] Cyclization Strategies. <i>Chemistry - A European Journal</i> , 2007, 13, 4895-4913.	1.7	32
62	Monosubstituted Borane Ruthenium Complexes RuH <sub>2</sub> (i <sup>2</sup> :i <sup>2</sup> -H <sub>2</sub> BR)(PR <sup>2</sup> ) <sub>2</sub> : A General Approach to the Geminal Bis(iâ€“H) Coordination Mode. <i>Organometallics</i> , 2013, 32, 4868-4877.	1.1	32
63	Routes to New N-Heterocyclic Carbene Titanium(IV) Imido Complexes. <i>Organometallics</i> , 2008, 27, 2774-2783.	1.1	31
64	Access to Ruthenium(0) Carbonyl Complexes via Dehydrogenation of a Tricyclopentylphosphine Ligand and Decarbonylation of Alcohols. <i>Organometallics</i> , 2008, 27, 5088-5093.	1.1	31
65	Synthesis, structure and catalase-like activity of dimanganese(iii) complexes of 1,5-bis(X-salicylidenamino)pentan-3-ol (X = 3- and 5-methyl). Influence of phenyl-ring substituents on catalytic activity. <i>Dalton Transactions</i> , 2006, , 5156.	1.6	30
66	Synthesis, Crystal Structure, and Second-Order Nonlinear Optical Properties of Ruthenium(II) Complexes with Substituted Bipyridine and Phenylpyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3105-3113.	1.0	30
67	Reaction of p-Toluenesulfonylamide and M(NMe <sub>2</sub> ) <sub>4</sub> (M = Ti, V): A Generation of Electron-Deficient Imido Complexes of Early Transition Metals. <i>Inorganic Chemistry</i> , 2007, 46, 3192-3202.	1.9	30
68	Can a functionalized phosphineligand promote room temperature luminescence of the [Ru(bpy)(tpy)] <sup>2+</sup> core?. <i>Chemical Communications</i> , 2012, 48, 741-743.	2.2	29
69	Pentacoordinate Ni <sup>II</sup> Complexes: Preparation, Magnetic Measurements, and Ab Initio Calculations of the Magnetic Anisotropy Terms. <i>Chemistry - A European Journal</i> , 2012, 18, 4031-4040.	1.7	29
70	Preparation of New Bis(8â€“aminoquinoline) Ligands and Comparison with Bis(8â€“hydroxyquinoline) Ligands on Their Ability to Chelate Cu <sup>II</sup> and Zn <sup>II</sup> . <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 5622-5631.	1.0	28
71	Resolution of the Atropochiral Biminap Ligand and Applications in Asymmetric Catalysis. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1225-1231.	1.7	28
72	A General and Facile One-Step Synthesis of Imidoâ€“Titanium(IV) Complexes: Application to the Synthesis of Compounds Containing Functionalized or Chiral Imido Ligands and Bimetallic Diimido Architectures. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4503-4518.	1.0	27

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73	Broad HOMO–LUMO gap tuning through the coordination of a single phosphine, aminophosphine or phosphite onto a Ru(tpy)(bpy) <sub>2</sub> <sup>+</sup> core. Dalton Transactions, 2008, , 5627.	1.6	27
74	Versatile Coordination of 2-Pyridinetetramethylsilazane at Ruthenium: Ru(II) vs Ru(IV) As Evidenced by NMR, X-ray, Neutron, and DFT Studies. Journal of the American Chemical Society, 2009, 131, 7633-7640.	6.6	27
75	Palladium catalytic systems with hybrid pyrazole ligands in C–C coupling reactions. Nanoparticles versus molecular complexes. Catalysis Science and Technology, 2013, 3, 475-489.	2.1	27
76	Synthesis, Structural Characterization, and Magnetic Properties of a Copper–Gadolinium Complex Derived from a Hydroxybenzohydrazide Ligand. Inorganic Chemistry, 2014, 53, 2181-2187.	1.9	27
77	B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> Adducts of TCNE <sup>•-</sup> and TCNQ <sup>•-</sup> Vanadium Complexes as New Building Blocks for Molecule-Based Magnets. Organometallics, 2006, 25, 4243-4246.	1.1	26
78	Tert-butylborane: A bis (if-B–H) ligand in ruthenium hydride chemistry. Journal of Organometallic Chemistry, 2009, 694, 2839-2841.	0.8	26
79	C–C Coupling Constants, JCC, Are Reliable Probes for ±-C Agostic Structures. Organometallics, 2009, 28, 940-943.	1.1	26
80	Tridentate and Tetradentate Iminophosphorane-Based Ruthenium Complexes in Catalytic Transfer Hydrogenation of Ketones. Organometallics, 2011, 30, 1478-1486.	1.1	26
81	A Ruthenium Dihydrogen Germylene Complex and the Catalytic Synthesis of Digermoxane. Organometallics, 2015, 34, 4158-4163.	1.1	25
82	Catalyzed hydrogenation of condensed three-ring arenes and their N-heteroaromatic analogues by a bis(dihydrogen) ruthenium complex. Dalton Transactions, 2012, 41, 14117.	1.6	24
83	Phosphinodi(benzylsilane) PhP{( <i>o</i> -C <sub>6</sub> H <sub>4</sub> CH <sub>2</sub> ) <sub>2</sub> SiMe <sub>2</sub> H} <sub>2</sub> : A Versatile $\sigma$ -PSi <sub>2</sub> H <sub>2</sub> -Pincer-Type Ligand at Ruthenium. Inorganic Chemistry, 2013, 52, 9798-9806.	1.9	24
84	An Unsymmetrical bis C <sub>1</sub> ;C Agostic Heterobimetallic Lithium Yttrium Complex. Angewandte Chemie - International Edition, 2012, 51, 2461-2464.	7.2	23
85	Step-by-Step Introduction of Silazane Moieties at Ruthenium: Different Extents of Ru–Si Bond Activation. Inorganic Chemistry, 2013, 52, 2654-2661.	1.9	23
86	Reactivity of [Cp <sub>2</sub> Ti(CO) <sub>2</sub> ] towards Nitrile and Water Adducts of B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> : Formation of [Cp <sub>2</sub> Ti(1-2-F <sub>3</sub> CC <sub>6</sub> H <sub>4</sub> CN)–B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ] and [Cp <sub>2</sub> Ti][HOB(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ] with a Ti–B–F Interaction. European Journal of Inorganic Chemistry, 2004, 2004, 317-321.	1.0	22
87	Elusive Niobium Alkyl Cations Related to Ethylene Polymerization. Organometallics, 2004, 23, 1203-1206.	1.1	22
88	Highly Fluorinated Aryl-Substituted Tris(indazolyl)borate Thallium Complexes: Diverse Regiochemistry at the B–N Bond. Inorganic Chemistry, 2012, 51, 2893-2901.	1.9	22
89	Dichapetalins from Dichapetalum species and their cytotoxic properties. Phytochemistry, 2013, 94, 184-191.	1.4	22
90	Amine influence in vanadium-based ethylene polymerisation pro-catalysts bearing bis(phenolate) ligands with $\eta^5$ -pendant arms. Catalysis Science and Technology, 2011, 1, 489.	2.1	21



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91	Does the Sign of the Cuâ€“Cd Magnetic Interaction Depend on the Number of Atoms in the Bridge?. Chemistry - A European Journal, 2016, 22, 2171-2180.	1.7	21
92	Homo- and Co-Polymerization of Ethylene with Cyclic Olefins Catalyzed by Phosphine Adducts of (Imido)vanadium(IV) Complexes. Organometallics, 2018, 37, 3181-3195.	1.1	21
93	Mono- and Homobimetallic Vanadium Complexes:â€‰ Borane Adducts of Vanada(IV)azirine Complexes. Organometallics, 2004, 23, 5488-5492.	1.1	20
94	Activation of Chlorosilanes at Ruthenium:â€‰ A Route to Silyl Î¶-Dihydrogen Complexes. Organometallics, 2007, 26, 3713-3721.	1.1	19
95	Crucial Role of the Amidine Moiety in Methylenamino Phosphine-Type Ligands for the Synthesis of Tethered Î¶-Arene-Î¶-P Ruthenium(II) Complexes: Experimental and Theoretical Studies. Organometallics, 2009, 28, 4945-4957.	1.1	19
96	Interplay between Hydrido/Dihydrogen and Amine/Amido Ligands in Ruthenium-Catalyzed Transfer Hydrogenation of Ketones. Inorganic Chemistry, 2010, 49, 1310-1312.	1.9	19
97	Antiferromagnetic Coâ€“Cd Interactions in a Tetranuclear [CoCd] <sub>2</sub> Complex with Lowâ€‰Spin Squareâ€‰Planar Co Ions â€“ Role of the Singly Occupied 3d Co Magnetic Orbital. European Journal of Inorganic Chemistry, 2011, 2011, 2653-2656.	1.0	19
98	A Highly Effective Ruthenium System for the Catalyzed Dehydrogenative Cyclization of Amineâ€“Boranes to Cyclic Boranes under Mild Conditions. Chemistry - A European Journal, 2015, 21, 13080-13090.	1.7	19
99	Cyclooctatetraenyl calcium and strontium amido complexes. Dalton Transactions, 2018, 47, 12587-12595.	1.6	19
100	Novel 8-nitroquinolin-2(1H)-ones as NTR-bioactivated antikinoplastid molecules: Synthesis, electrochemical and SAR study. European Journal of Medicinal Chemistry, 2018, 155, 135-152.	2.6	19
101	Instant â€œBase-Promotedâ€“Generation of Roper's-type Ru(0) Complexes Ru(CO) <sub>2</sub> (PR <sub>3</sub> ) <sub>3</sub> from a Simple Carbonylchlororuthenium(II) Precursor. Journal of the American Chemical Society, 2005, 127, 14554-14555.	6.6	18
102	Vanadocene-Mediated Ionization of Water in the Aqua Species [H <sub>2</sub> Oâ€“B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ]:â€‰ Structural Characterization of the Hydride and Hydroxide Complexes [Cp <sub>2</sub> V(Î¶ <sup>1/4</sup> -H)B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ] and [Cp <sub>2</sub> V(Î¶ <sup>1/4</sup> -OH)B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ]. Organometallics, 2006, 25, 1551-1553.	1.1	18
103	Silyl and Î¶-silane ruthenium complexes: Chloride substituent effects on the catalysed silylation of ethylene. Dalton Transactions, 2010, 39, 8492.	1.6	18
104	Imido-Bridged Homo- and Heterobimetallic Complexes. Inorganic Chemistry, 2011, 50, 9927-9929.	1.9	18
105	Tethered Î¶ <sup>5</sup> -Oxocyclohexadienyl Piano-Stool Ruthenium(II) Complexes: A New Class of Catalysts?. Organometallics, 2014, 33, 6294-6297.	1.1	18
106	Supramolecular organization of perfluorinated 1H-indazoles in the solid state using X-ray crystallography, SSNMR and sensitive (VCD) and non sensitive (MIR, FIR and Raman) to chirality vibrational spectroscopies. Physical Chemistry Chemical Physics, 2017, 19, 1632-1643.	1.3	18
107	A family of rhodium and iridium complexes with semirigid benzylsilyl phosphines: from bidentate to tetradentate coordination modes. Dalton Transactions, 2017, 46, 8827-8838.	1.6	18
108	Frustrated Lewis Pair Chemistry Enables N <sub>2</sub> Borylation by Formal 1,3â€“Addition of a Bâ€“H Bond in the Coordination Sphere of Tungsten. Chemistry - A European Journal, 2019, 25, 14300-14303.	1.7	18

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109	Copolymerization of ethylene with propylene and higher $\alpha$ -olefins catalyzed by (imido)vanadium( $\mu$ ) <sub>2</sub> dichloride complexes. <i>Polymer Chemistry</i> , 2019, 10, 6200-6216.	1.9	18
110	A New Way to Scorpionate Niobium Complexes: $\eta^1$ Terminal Alkyne, Imido, and Oxo Complexes and the Rearrangement of $\eta^2$ -Agostic Ethyl Complexes. <i>Organometallics</i> , 2005, 24, 4306-4314.	1.1	17
111	C-H Bond Activation of Arenes by a Transient $\eta^2$ -Cyclopropene Niobium Complex. <i>Journal of the American Chemical Society</i> , 2006, 128, 15962-15963.	6.6	17
112	Functionalized phosphorus derivatives of Salpen-like compounds: Synthesis and preliminary complexation studies. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 1333-1340.	0.8	17
113	CC and CN Coupling of Nitriles Mediated by B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> and Cp <sub>2</sub> ZrPh <sub>2</sub> . <i>Organometallics</i> , 2007, 26, 3784-3790.	1.1	17
114	Imido- $\eta^5$ -Titanium/Molybdenum Heterobimetallic Systems. Switching from $\eta^6$ -Arene to Fischer-Type Aminocarbene Complexes by Tuning Reactivity Conditions. <i>Organometallics</i> , 2010, 29, 1127-1136.	1.1	17
115	Aromatic versus Benzylic CH Bond Activation of Alkylaromatics by a Transient $\eta^2$ -Cyclopropene Complex. <i>Organometallics</i> , 2011, 30, 3999-4007.	1.1	17
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