

# Paul G Hayes

## List of Publications by Year in descending order

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58  
papers

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186265

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docs citations

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times ranked

1755  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Coordination Chemistry of Yttrium Complexes Supported by Multidentate Nitrogen Ancillary Ligands. , 2021, , 40-72.		0
2	On the Coordination Chemistry of Bis- and Trisphosphinimine Containing Ligands. , 2021, , 131-157.		2
3	Synthesis and characterization of group 13 dichloride (M = Ga, In), dimethyl (M = Al) and cationic methyl aluminum complexes supported by monoanionic NNN-pincer ligands. New Journal of Chemistry, 2021, 45, 15043-15052.	2.8	1
4	X-ray crystal structure of [ <i>L</i> ] <sub>2</sub> Ag <sub>3</sub> <sup>+</sup> [OTf] <sup>-</sup> ·5C <sub>6</sub> D <sub>6</sub> : a monoanionic bisphosphinimine ligand supported trisilver complex. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 1025-1028.	0.5	0
5	Consecutive N <sub>2</sub> loss from a uranium diphosphazide complex. Dalton Transactions, 2020, 49, 578-582.	3.3	10
6	Reversible dehydrogenation of a primary aryl borane. Chemical Communications, 2020, 56, 12323-12326.	4.1	13
7	Diphosphazide-Supported Trialkyl Thorium(IV) Complex. Organometallics, 2020, 39, 2047-2052.	2.3	8
8	Frontispiece: An H <sub>2</sub> -Substituted Rhodium Silylene. Chemistry - A European Journal, 2019, 25, .	3.3	0
9	An H <sub>2</sub> -Substituted Rhodium Silylene. Chemistry - A European Journal, 2019, 25, 8203-8207.	3.3	16
10	Facile Activation and Deoxygenative Metathesis of CO. Organometallics, 2018, 37, 3248-3252.	2.3	19
11	Actinide Pincer Chemistry. , 2018, , 133-172.		5
12	Insights into the decomposition pathway of a lutetium alkylamido complex via intramolecular C-H bond activation. Journal of Organometallic Chemistry, 2017, 845, 135-143.	1.8	10
13	Crystal structure of a dimeric $\hat{\text{I}}^2$ -diketiminato magnesium complex. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1754-1756.	0.5	4
14	Ligand influence on intramolecular cyclometalation in bis(phosphinimine) rare earth alkyl complexes. Canadian Journal of Chemistry, 2016, 94, 330-341.	1.1	14
15	Triamidoamine-supported zirconium: hydrogen activation, Lewis acidity, and rac-lactide polymerization. RSC Advances, 2016, 6, 70581-70585.	3.6	6
16	Elucidation of the resting state of a rhodium NNN-pincer hydrogenation catalyst that features a remarkably upfield hydride <sup>1</sup> H NMR chemical shift. Chemical Communications, 2016, 52, 586-589.	4.1	18
17	Rare Earth Pincer Complexes: Synthesis, Reaction Chemistry, and Catalysis. Topics in Organometallic Chemistry, 2015, , 93-177.	0.7	6
18	Synthesis of Sterically Demanding Bis(phosphinimine) Dibenzofuran Ligands and Subsequent Zinc Metalation. Australian Journal of Chemistry, 2015, 68, 373.	0.9	4

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19	A cascade reaction: ring-opening insertion of dioxaphospholane into lutetium alkyl bonds. Dalton Transactions, 2014, 43, 2448-2457.	3.3	16
20	Differences in the cyclometalation reactivity of bisphosphinimine-supported organo-rare earth complexes. Dalton Transactions, 2014, 43, 10739-10750.	3.3	26
21	Yttrium and scandium complexes of a bulky bis(phosphinimine)carbazole ligand. Inorganica Chimica Acta, 2014, 422, 209-217.	2.4	16
22	Bis(pyrazolyl)carbazole as a Versatile Ligand for Supporting Lutetium Alkyl and Hydride Complexes. Organometallics, 2014, 33, 3005-3011.	2.3	34
23	Organolutetium-Mediated Dearomatization and Functionalization of Pyrimidine Rings. Organometallics, 2013, 32, 4046-4049.	2.3	18
24	Cyclometalative C-H bond activation in rare earth and actinide metal complexes. Chemical Society Reviews, 2013, 42, 1947-1960.	38.1	133
25	The Osmium-Silicon Triple Bond: Synthesis, Characterization, and Reactivity of an Osmium Silylyne Complex. Journal of the American Chemical Society, 2013, 135, 11780-11783.	13.7	62
26	Thermally stable rare earth dialkyl complexes supported by a novel bis(phosphinimine)pyrrole ligand. Dalton Transactions, 2012, 41, 7873.	3.3	41
27	Ring-opening polymerisation of rac-lactide mediated by cationic zinc complexes featuring P-stereogenic bisphosphinimine ligands. Dalton Transactions, 2012, 41, 3701.	3.3	32
28	Exploring the versatility of a bis(phosphinimine) pincer ligand: effect of sterics on structure and lactide polymerization activity of cationic zinc complexes. Catalysis Science and Technology, 2012, 2, 125-138.	4.1	40
29	Electron deficient zinc complexes: Enhanced lactide polymerization activity achieved through rational ligand design. Journal of Organometallic Chemistry, 2012, 704, 65-69.	1.8	10
30	Toward Stereoselective Lactide Polymerization Catalysts: Cationic Zinc Complexes Supported by a Chiral Phosphinimine Scaffold. Inorganic Chemistry, 2011, 50, 8063-8072.	4.0	58
31	Kinetic and Mechanistic Investigation of Metallacycle Ring Opening in an Ortho-Metalated Lutetium Aryl Complex. Organometallics, 2011, 30, 58-67.	2.3	31
32	Synthesis and Structural Diversity of ZnCl <sub>2</sub> and Zn(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> Complexes of a Phosphinimine Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 2111-2119.	1.2	4
33	Highly Active and Diastereoselective <i>N,O</i> - and <i>N,N</i> -Yttrium Complexes for Intramolecular Hydroamination. Advanced Synthesis and Catalysis, 2011, 353, 1384-1390.	4.3	20
34	DESIGNING CATIONIC ZINC AND MAGNESIUM CATALYSTS FOR COORDINATION-INSERTION POLYMERIZATION OF LACTIDE. Comments on Inorganic Chemistry, 2011, 32, 127-162.	5.2	34
35	<sup>31</sup> P MAS NMR Spectroscopy of Hexachlorocyclotriphosphazene at Different Stages During Thermal Ring-Opening Polymerization. Journal of Inorganic and Organometallic Polymers and Materials, 2010, 20, 395-398.	3.7	14
36	Solid-State Nuclear Magnetic Resonance Spectroscopy: A Review of Modern Techniques and Applications for Inorganic Polymers. Journal of Inorganic and Organometallic Polymers and Materials, 2010, 20, 183-212.	3.7	25

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37	Four-coordinate erbium organometallic and coordination complexes: Synthesis and structure. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2747-2755.	1.8	20
38	Cationic Organomagnesium Complexes as Highly Active Initiators for the Ring-Opening Polymerization of $\mu$ -Caprolactone. <i>Organometallics</i> , 2010, 29, 1079-1084.	2.3	81
39	Cationic zinc complexes: a new class of catalyst for living lactide polymerization at ambient temperature. <i>Chemical Communications</i> , 2010, 46, 8404.	4.1	99
40	Cationic organozinc complexes of a bis(phosphinimine) pincer ligand: synthesis, structural and polymerization studies. <i>Dalton Transactions</i> , 2010, 39, 3861.	3.3	63
41	A Hydrogen-Substituted Osmium Stannylene Complex: Isomerization to a Metallostannylene Complex via an Unusual $\hat{I}\pm$ -Hydrogen Migration from Tin to Osmium. <i>Journal of the American Chemical Society</i> , 2009, 131, 4606-4607.	13.7	64
42	Synthesis, Structure, and Reactivity of Neutral Hydrogen-Substituted Ruthenium Silylene and Germylene Complexes. <i>Organometallics</i> , 2009, 28, 5082-5089.	2.3	70
43	Synthesis and Reactivity of Dialkyl Lutetium Complexes Supported by a Novel Bis(phosphinimine)carbazole Pincer Ligand. <i>Organometallics</i> , 2009, 28, 6352-6361.	2.3	56
44	Complexes of Mg, Ca and Zn as homogeneous catalysts for lactide polymerization. <i>Dalton Transactions</i> , 2009, , 4832.	3.3	418
45	Activated Zinc Complexes Supported by a Neutral, Phosphinimine-Containing Ligand: Synthesis and Efficacy for the Polymerization of Lactide. <i>Organometallics</i> , 2009, 28, 1282-1285.	2.3	91
46	A Morphological Study of Poly[bis(trifluoroethoxy)phosphazene] Using High Resolution Solid-State $^1\text{H}$ , $^{19}\text{F}$ , $^{31}\text{P}$ and $^{13}\text{C}$ NMR Spectroscopy. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2008, 18, 163-174.	3.7	8
47	Accelerated Ligand Metalation in a $\hat{I}^2$ -Diketiminato Scandium Dimethyl Complex Activated with Bis(pentafluorophenyl)borane. <i>Organometallics</i> , 2007, 26, 4464-4470.	2.3	38
48	Synthetic Development and Chemical Reactivity of Transition-Metal Silylene Complexes. <i>Accounts of Chemical Research</i> , 2007, 40, 712-719.	15.6	322
49	Arene Complexes of $\hat{I}^2$ -Diketiminato Supported Organoscandium Cations: Mechanism of Arene Exchange and Alkyne Insertion in Solvent Separated Ion Pairs. <i>Chemistry - A European Journal</i> , 2007, 13, 2632-2640.	3.3	44
50	Hydrogen-Substituted Osmium Silylene Complexes: A Effect of Charge Localization on Catalytic Hydrosilation. <i>Journal of the American Chemical Society</i> , 2006, 128, 428-429.	13.7	128
51	Synthesis, Structure, and Ion Pair Dynamics of $\hat{I}^2$ -Diketiminato-Supported Organoscandium Contact Ion Pairs. <i>Organometallics</i> , 2005, 24, 1173-1183.	2.3	92
52	Scandium-Catalyzed Intramolecular Hydroamination. Development of a Highly Active Cationic Catalyst. <i>Organometallics</i> , 2004, 23, 2234-2237.	2.3	165
53	Cationic Organoscandium $\hat{I}^2$ -Diketiminato Chemistry: A Arene Exchange Kinetics in Solvent Separated Ion Pairs. <i>Journal of the American Chemical Society</i> , 2003, 125, 5622-5623.	13.7	133
54	A New Chelating Anilido-Imine Donor Related to $\hat{I}^2$ -Diketiminato Ligands for Stabilization of Organoyttrium Cations. <i>Organometallics</i> , 2003, 22, 1577-1579.	2.3	148

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55	Cationic Scandium Methyl Complexes Supported by a $\eta^2$ -Diketiminato ( $\text{Nacnac}$ ) Ligand Framework. <i>Journal of the American Chemical Society</i> , 2002, 124, 2132-2133.	13.7	206
56	Reactions of a Borataalkene Ligand at Tantalocene Centers: $\pi$ -Isonitrile Insertion into the $\text{B}=\text{C}$ Bond of the $[\text{CH}_2\text{B}(\text{C}_6\text{F}_5)_2]$ Ligand via the $\sigma$ -Bonding Mode. <i>Organometallics</i> , 2002, 21, 2422-2425.	2.3	29
57	Dialkylscandium Complexes Supported by $\eta^2$ -Diketiminato Ligands: $\pi$ -Synthesis, Characterization, and Thermal Stability of a New Family of Organoscandium Complexes. <i>Organometallics</i> , 2001, 20, 2533-2544.	2.3	201
58	Thorium(IV) Diphosphazide Complexes: $\text{CO}_2$ Insertion into $\text{Th}=\text{C}$ and $\text{Th}=\text{N}$ Bonds. <i>Organometallics</i> , 0, , .	2.3	1