

Christopher A Russell

List of Publications by Year in descending order

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68
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172457

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times ranked

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#	ARTICLE	IF	CITATIONS
1	A Systematic Study of the Effects of Complex Structure on Aryl Iodide Oxidative Addition at Bipyridyl-Ligated Gold(I) Centers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24976-24983.	13.8	15
2	Oxidative Addition of Alkenyl and Alkynyl Iodides to a Au I Complex. <i>Angewandte Chemie</i> , 2020, 132, 6679-6683.	2.0	7
3	Oxidative Addition of Alkenyl and Alkynyl Iodides to a Au ^I Complex. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6617-6621.	13.8	41
4	Hydrofunctionalisation of an Aromatic Triphosphabenzene. <i>Chemistry - A European Journal</i> , 2019, 25, 12507-12511.	3.3	3
5	A Transient Vinylphosphinidene via a Phosphirene-Phosphinidene Rearrangement. <i>Journal of the American Chemical Society</i> , 2018, 140, 147-150.	13.7	57
6	Oxidative Addition, Transmetalation, and Reductive Elimination at a 2,2'-Bipyridyl-Ligated Gold Center. <i>Journal of the American Chemical Society</i> , 2018, 140, 4440-4445.	13.7	95
7	Computation provides chemical insight into the diverse hydride NMR chemical shifts of [Ru(NHC) ₄ (L)H] ^{0/+} species (NHC = N-heterocyclic carbene; L = vacant,) <i>Tj ETQq1 1 0.784314 rgBT /Overload</i>	3.3	22
8	[Ru(R ₂ PCH ₂ CH ₂ PR ₂) ₂ (L)H] ⁺ congeners. <i>Dalton Transactions</i> , 2017, 46, 2861-2873.		
8	Au-Catalyzed Biaryl Coupling To Generate 5- to 9-Membered Rings: Turnover-Limiting Reductive Elimination versus η^6 -Complexation. <i>Journal of the American Chemical Society</i> , 2017, 139, 245-254.	13.7	127
9	Oxidative 1,2-Difunctionalization of Ethylene via Gold-Catalyzed Oxyarylation. <i>Journal of the American Chemical Society</i> , 2017, 139, 12386-12389.	13.7	88
10	Probing the Structure, Dynamics, and Bonding of Coinage Metal Complexes of White Phosphorus. <i>Chemistry - A European Journal</i> , 2016, 22, 5397-5403.	3.3	12
11	Hydroboration of Phosphaalkynes by HB(C ₆ F ₅) ₂ . <i>Chemistry - A European Journal</i> , 2016, 22, 12665-12669.	3.3	11
12	Evidence for a S _N 2-type pathway in the exchange of phosphines at a [PhSe] ⁺ centre. <i>Dalton Transactions</i> , 2015, 44, 110-118.	3.3	4
13	1,3,5-Triphosphabenzene: Synthesis, reactivity and theory. <i>Coordination Chemistry Reviews</i> , 2015, 297-298, 146-167.	18.8	32
14	Gold(I) Complexes of Phosphaalkynes. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1783-1787.	2.0	7
15	Gold-Catalyzed Oxidative Coupling of Arylsilanes and Arenes: Origin of Selectivity and Improved Precatalyst. <i>Journal of the American Chemical Society</i> , 2014, 136, 254-264.	13.7	215
16	Hydrogen Activation by an Aromatic Triphosphabenzene. <i>Journal of the American Chemical Society</i> , 2014, 136, 13453-13457.	13.7	71
17	Phosphacycles as Building Blocks for Main Group Cages. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3481-3484.	13.8	18
18	Magnetic emulsions with responsive surfactants. <i>Soft Matter</i> , 2012, 8, 7545.	2.7	56

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19	Coordination chemistry of trimethylsilylphosphaalkyne: a phosphaalkyne bearing a reactive substituent. Dalton Transactions, 2012, 41, 14360.	3.3	25
20	The coordination and polymerisation of cyclic 1,3-dienes by gold(i) cations. Chemical Communications, 2012, 48, 1060-1062.	4.1	25
21	White phosphorus as a ligand for the coinage metals. Chemical Communications, 2012, 48, 1970.	4.1	38
22	Cationic Gold(I) Complexes of 2,4,6-Tri- <i>tert</i> -butyl-1,3,5-triphospha benzene. Organometallics, 2012, 31, 2543-2545.	2.3	15
23	Gold-Catalyzed Direct Arylation. Science, 2012, 337, 1644-1648.	12.6	361
24	Phosphaalkynes. , 2012, , 343-354.		5
25	Gold-Catalysed Oxyarylation of Styrenes and Mono- and <i>gem</i> -Disubstituted Olefins Facilitated by an Iodine(III) Oxidant. Chemistry - A European Journal, 2012, 18, 2931-2937.	3.3	80
26	Multiple bonding versus cage formation in organophosphorus compounds: the gas-phase structures of tricyclo-P3(CBut)2Cl and P ₃ C ⁺ But determined by electron diffraction and computational methods. Dalton Transactions, 2011, 40, 5611.	3.3	5
27	The Interaction of Gold(I) Cations with 1,3-Dienes. Angewandte Chemie - International Edition, 2011, 50, 7592-7595.	13.8	46
28	Facile preparation of trimethylsilylphosphaalkyne and its conversion to polyphospholide anions. Comptes Rendus Chimie, 2010, 13, 1073-1081.	0.5	25
29	Pt ^{1/2} P, a Laboratory Reagent?. Angewandte Chemie - International Edition, 2010, 49, 9572-9573.	13.8	11
30	Arylsilanes: Application to Gold-Catalyzed Oxyarylation of Alkenes. Organic Letters, 2010, 12, 4724-4727.	4.6	139
31	Synthesis of Poly(alkyl/arylphosphazenes) via the Ambient Temperature Phosphite-Mediated Chain-Growth Polycondensation of (N-Silyl)bromophosphoranimines. Macromolecules, 2010, 43, 7446-7452.	4.8	31
32	Cationic Au(i) alkyne complexes: synthesis, structure and reactivity. Chemical Communications, 2010, 46, 2313.	4.1	141
33	Synthesis, Structure and Reactivity of Stable Homoleptic Gold(I) Alkene Cations. Chemistry - A European Journal, 2009, 15, 12196-12200.	3.3	47
34	New Adventures in the Molecular Chemistry of Phosphorus. Angewandte Chemie - International Edition, 2009, 48, 4895-4897.	13.8	13
35	Synthesis and structural characterisation of stable cationic gold(i) alkene complexes. Chemical Communications, 2009, , 3877.	4.1	79
36	A Proton-Triggered Cascade Reaction Involving a Heavy p-Block Multiple Bond: Transformation of the Diphosphene C ₅ Me ₅ P=PC ₅ Me ₅ into the Cationic Cage [C ₁₀ Me ₁₀ P ₂ H] ⁺ . European Journal of Inorganic Chemistry, 2008, 2008, 4511-4515.	2.0	9

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37	Nucleophilic substitution reactions of the tricyclic triphosphorus cage P ₃ (CBut) ₂ : a novel route to polyphosphorus phosphonium complexes. Dalton Transactions, 2008, , 3422.	3.3	10
38	1,2-Diphosphenobenzene as a synthon for the 1,2,3-triphospha- and 2-arsa-1,3-diphosphaindenyl anions and a stable organo derivative of the P ₈ unit of Hittorf's phosphorus. Chemical Communications, 2008, , 856.	4.1	32
39	Promotion of phosphalkyne cyclooligomerisation by a Sb(v) to Sb(iii) redox process. Dalton Transactions, 2008, , 3753.	3.3	10
40	Evidence for a S _N 2-Type Pathway for Phosphine Exchange in Phosphine-Phosphonium Cations, [R ₂ PiPR ₂] ⁺ . Chemistry - A European Journal, 2007, 13, 6967-6974.	3.3	36
41	Ortho-metallation of a phenyl ring with antimony(V). Inorganica Chimica Acta, 2007, 360, 418-420.	2.4	3
42	Cyclopropenylidene Carbene Ligands in Palladium C-N Coupling Catalysis. Organometallics, 2007, 26, 4702-4703.	2.3	29
43	Cationic phosphorus-carbon-pnictogen cages isolobal to [C ₅ R ₅] ⁺ . Chemical Communications, 2006, , 1375.	4.1	33
44	The surprising and stereoselective formation of P ₂ C ₁₀ cages by the reduction of Cp*PCl ₂ . Chemical Communications, 2006, , 4542.	4.1	12
45	Lithium-nitrogen and lithium-boron-nitrogen cage compounds formed using the phenylhydrazido backbone. Dalton Transactions, 2006, , 1234-1238.	3.3	2
46	A New Reaction Pathway in Organophosphorus Chemistry: Competing S _N 2 and A _E ² Pathways for Nucleophilic Attack at a Phosphorus-Carbon Cage Compound. Angewandte Chemie - International Edition, 2006, 45, 3628-3631.	13.8	21
47	A Main-Group Analogue of Housene: The Subtle Influence of the Inert-Pair Effect in Group 15 Clusters. Angewandte Chemie - International Edition, 2006, 45, 6685-6689.	13.8	35
48	Primary amido substituted diborane(4) compounds and imidodiborate(4) anions. Dalton Transactions, 2005, , 3137.	3.3	13
49	Synthetic and Structural Studies of Cyclodistib(V)azanes. Inorganic Chemistry, 2005, 44, 5495-5500.	4.0	6
50	A Selective Synthesis of the 1,3,4-Triphospholide Anion. Organometallics, 2005, 24, 5789-5791.	2.3	38
51	Structure and bonding in the isoelectronic series C _n H _n P ₅ ⁿ⁺ : is phosphorus a carbon copy?. Dalton Transactions, 2004, , 2080-2086.	3.3	37
52	From the tetra(amino) phosphonium cation, [P(NHPh) ₄] ⁺ , to the tetra(imino) phosphate trianion, [P(NPh) ₄] ³⁻ , two-faced ligands that bind anions and cations. Dalton Transactions, 2004, , 989-995.	3.3	32
53	Title is missing!. Angewandte Chemie, 2003, 115, 2884-2888.	2.0	24
54	Selective Preparation of the [3,5-tBu ₂ -1,2,4-C ₂ P ₃] Ion and Synthesis and Structure of the Cationic Species nido-[3,5-tBu ₂ -1,2,4-C ₂ P ₃], Isoelectronic with [C ₅ R ₅]. Angewandte Chemie - International Edition, 2003, 42, 2778-2782.	13.8	54

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55	A bis(imido)organoarsenate dianion incorporating n-butyllithium. Dalton Transactions, 2003, , 2103.	3.3	3
56	Heterobimetallic lithium alkyltriimido aluminate cages containing the [Al(NR) ₃] ⁴⁻ tetraanion (R = Et, n-Bu). Dalton Transactions, 2003, , 2103.	4.1	7
57	Syntheses and structures of bis(imido)organophosphine dianions. Canadian Journal of Chemistry, 2002, 80, 1458-1462.	1.1	4
58	Synthesis and X-ray structure of a complex containing the trisimido borate trianion—the imido analogue of the orthoborate trianion. Polyhedron, 2002, 21, 549-552.	2.2	5
59	Imido analogues of p-block oxoanions. Coordination Chemistry Reviews, 2002, 227, 217-232.	18.8	50
60	Syntheses and X-ray crystal structures of tris(imido)arsenate anions. Dalton Transactions RSC, 2001, , 423-426.	2.3	13
61	Synthesis and structure of a tris imido phosphonate anion; the missing link in imido analogues of phosphorus oxoanions. Chemical Communications, 2000, , 1769-1770.	4.1	16
62	A Tetrakis(imido) Phosphate Anion Isoelectronic with PO ₄ ³⁻ . Angewandte Chemie International Edition in English, 1997, 36, 649-650.	4.4	51
63	Erweiterung der KÄfigstruktur von [(CyNLi) ₃ Sb] ₂ ; Synthese und Struktur des Trimetallkomplexes [(CyNLi) ₃ Sb] ₂ (tBuOK) ₃ ·C ₆ H ₅ CH ₃ . Angewandte Chemie, 1995, 107, 1088-1089.	2.0	20
64	Cage Expansion of [(CyNLi) ₃ Sb] ₂ ; Synthesis and Structure of the Trimetallic Complex [(CyNLi) ₃ Sb] ₂ (tBuOK) ₃ ·C ₆ H ₅ CH ₃ . Angewandte Chemie International Edition in English, 1995, 34, 1012-1013.	4.4	19
65	A New Method for the Synthesis of Heterometallic Complexes: Syntheses and Structures of [(PhCH ₂ CH ₂ NLi) ₃ Sb(thf)] ₂ and [Sb ₃ (cyN) ₄ (NMe ₂) ₂ Li]. Angewandte Chemie International Edition in English, 1994, 33, 1277-1279.	4.4	47
66	Neue Methode zur Synthese von Heterometallkomplexen—Synthesen und Strukturen von [(PhCH ₂ CH ₂ NLi) ₃ Sb(thf)] ₂ und [Sb ₃ (cyN) ₄ (NMe ₂) ₂ Li]. Angewandte Chemie, 1994, 106, 1334-1336.	2.0	44
67	Synthesis and crystal structure of Sb(NiCPh ₂) ₃ . Journal of the Chemical Society Dalton Transactions, 1993, , 2257-2258.	1.1	7
68	A Systematic Study of the Effects of Complex Structure on Aryl Iodide Oxidative Addition at Bipyridyl-Ligated Gold(I) Centers. Angewandte Chemie, 0, , .	2.0	2