

Jason M. Lynam

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47
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150
ext. papers

3,357
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
134	Recent mechanistic and synthetic developments in the chemistry of transition-metal vinylidene complexes. <i>Chemistry - A European Journal</i> , 2010 , 16, 8238-47	4.8	143
133	Modification of the deoxy-myoglobin/carbonmonoxy-myoglobin UV-vis assay for reliable determination of CO-release rates from organometallic carbonyl complexes. <i>Dalton Transactions</i> , 2011 , 40, 5755-61	4.3	139
132	Manganese(I)-Catalyzed C-H Activation: The Key Role of a 7-Membered Manganacycle in H-Transfer and Reductive Elimination. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12455-9	16.4	93
131	Structures and anion-binding properties of M4L6 tetrahedral cage complexes with large central cavities. <i>Dalton Transactions</i> , 2004 , 3453-8	4.3	83
130	Mu2-alkyne dicobalt(0)hexacarbonyl complexes as carbon monoxide-releasing molecules (CO-RMs): probing the release mechanism. <i>Dalton Transactions</i> , 2009 , 3653-6	4.3	74
129	Bioactive properties of iron-containing carbon monoxide-releasing molecules. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 318, 403-10	4.7	73
128	Ruthenium-mediated C-H functionalization of pyridine: the role of vinylidene and pyridylidene ligands. <i>Journal of the American Chemical Society</i> , 2013 , 135, 2222-34	16.4	71
127	Group 6 carbon monoxide-releasing metal complexes with biologically-compatible leaving groups. <i>Inorganic Chemistry</i> , 2010 , 49, 8941-52	5.1	69
126	Diversity and design of metal-based carbon monoxide-releasing molecules (CO-RMs) in aqueous systems: revealing the essential trends. <i>Dalton Transactions</i> , 2009 , 4351-8	4.3	66
125	Eta4-pyrone iron(0)carbonyl complexes as effective CO-releasing molecules (CO-RMs). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 995-8	2.9	64
124	Eta(1)-2-pyrone metal carbonyl complexes as CO-releasing molecules (CO-RMs): a delicate balance between stability and CO liberation. <i>Dalton Transactions</i> , 2007 , 3603-5	4.3	62
123	Lanthanide chloride complexes of amine-bis(phenolate) ligands and their reactivity in the ring-opening polymerization of epsilon-caprolactone. <i>Dalton Transactions</i> , 2008 , 3592-8	4.3	58
122	Manganese(I)-Catalyzed C-H Activation: The Key Role of a 7-Membered Manganacycle in H-Transfer and Reductive Elimination. <i>Angewandte Chemie</i> , 2016 , 128, 12643-12647	3.6	50
121	Rhodium-Promoted Linear Tetramerization and Cyclization of 3,3-Dimethylbut-1-yne. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 3043-3045	16.4	48
120	Computational Discovery of Stable Transition-Metal Vinylidene Complexes. <i>Organometallics</i> , 2014 , 33, 1751-1761	3.8	46
119	Synthesis and Reactivity of Molybdenum Complexes Containing Functionalized Alkynyl Ligands: A Photochemically Activated CO-Releasing Molecule (PhotoCO-RM). <i>Organometallics</i> , 2011 , 30, 4643-4654	3.8	46
118	Accelerated syntheses of amine-bis(phenol) ligands in polyethylene glycol or in water under microwave irradiation. <i>Canadian Journal of Chemistry</i> , 2008 , 86, 435-443	0.9	46

117	Mapping out the key carbon-carbon bond-forming steps in Mn-catalysed C-H functionalization. <i>Nature Catalysis</i> , 2018 , 1, 830-840	36.5	45
116	A therapeutically viable photo-activated manganese-based CO-releasing molecule (photo-CO-RM). <i>Dalton Transactions</i> , 2012 , 41, 10514-7	4.3	44
115	A mechanistic study into the interconversion of rhodium alkyne, alkynyl hydride and vinylidene complexes. <i>Dalton Transactions</i> , 2008 , 4552-4	4.3	44
114	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] ⁺ . <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 2778-82	16.4	44
113	Visible-light-induced CO release from a therapeutically viable tryptophan-derived manganese(II) carbonyl (TryptoCORM) exhibiting potent inhibition against E. coli. <i>Chemistry - A European Journal</i> , 2014 , 20, 15061-8	4.8	42
112	New routes for the functionalization of P ₄ . <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 831-3	16.4	40
111	Bis(triphenylphosphine)palladium(II)succinimide as a precatalyst for Suzuki cross-coupling: subtle effects exerted by the succinimide ligand. <i>Tetrahedron</i> , 2004 , 60, 5711-5718	2.4	40
110	A Selective Synthesis of the 1,3,4-Triphospholide Anion. <i>Organometallics</i> , 2005 , 24, 5789-5791	3.8	38
109	The elusive structure of Pd ₂ (dba) ₃ . Examination by isotopic labeling, NMR spectroscopy, and X-ray diffraction analysis: synthesis and characterization of Pd ₂ (dba-Z) ₃ complexes. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8388-99	16.4	37
108	Gold-alkynyls in catalysis: alkyne activation, gold cumulenes and nuclearity. <i>Dalton Transactions</i> , 2016 , 45, 12611-26	4.3	36
107	Insights into the intramolecular acetate-mediated formation of ruthenium vinylidene complexes: a ligand-assisted proton shuttle (LAPS) mechanism. <i>Dalton Transactions</i> , 2010 , 39, 10432-41	4.3	35
106	The surface chemistry of nanocrystalline MgO catalysts for FAME production: An in situ XPS study of H ₂ O, CH ₃ OH and CH ₃ OAc adsorption. <i>Surface Science</i> , 2016 , 646, 170-178	1.8	34
105	Exploitation of a Chemically Non-innocent Acetate Ligand in the Synthesis and Reactivity of Ruthenium Vinylidene Complexes. <i>Organometallics</i> , 2009 , 28, 1320-1328	3.8	33
104	Evidence for a S _N 2-type pathway for phosphine exchange in phosphine-phosphenium cations, [R ₂ P-PR' ₃] ⁺ . <i>Chemistry - A European Journal</i> , 2007 , 13, 6967-74	4.8	33
103	A main-group analogue of housene: the subtle influence of the inert-pair effect in group 15 clusters. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6685-9	16.4	31
102	Structure and bonding in the isoelectronic series C _n H _n P _{5-n} ⁺ : is phosphorus a carbon copy?. <i>Dalton Transactions</i> , 2004 , 2080-6	4.3	31
101	η ³ (3e)-Vinyl Complexes and One-Electron-Transfer Reactions: Tris(pentafluorophenyl)borane as a One-Electron Oxidant. <i>Organometallics</i> , 2001 , 20, 231-233	3.8	31
100	Back-to-Front Indole Synthesis Using Silver(I) Catalysis: Unexpected C-3 Pyrrole Activation Mode Supported by DFT. <i>ACS Catalysis</i> , 2018 , 8, 6844-6850	13.1	30

- 99 Cationic phosphorus-carbon-pnictogen cages isolobal to $[C_5R_5]^+$. *Chemical Communications*, **2006**, 1375-378 30
- 98 Internal Nucleophilic Catalyst Mediated Cyclisation/Ring Expansion Cascades for the Synthesis of Medium-Sized Lactones and Lactams. *Angewandte Chemie - International Edition*, **2019**, 58, 13942-13947^{16.4} 29
- 97 Mechanistic insight into the ruthenium-catalysed anti-Markovnikov hydration of alkynes using a self-assembled complex: a crucial role for ligand-assisted proton shuttle processes. *Dalton Transactions*, **2014**, 43, 11277-85 4.3 29
- 96 Redox-Tagged Carbon Monoxide-Releasing Molecules (CORMs): Ferrocene-Containing $[Mn(C^{\wedge}N)(CO)]$ Complexes as a Promising New CORM Class. *Inorganic Chemistry*, **2017**, 56, 5431-5440 5.1 28
- 95 Mechanistic Insight into Catalytic Redox-Neutral C-H Bond Activation Involving Manganese(I) Carbonyls: Catalyst Activation, Turnover, and Deactivation Pathways Reveal an Intricate Network of Steps. *Journal of the American Chemical Society*, **2019**, 141, 2316-2328 16.4 28
- 94 Women talking Creating Knowledge Through Difference in Cross-Cultural Research. *Womens Studies International Forum*, **1995**, 18, 611-626 1.6 28
- 93 Phosphinite Ligand Effects in Palladium(II)-Catalysed Cycloisomerisation of 1,6-Dienes: Bicyclo[3.2.0]heptanyl Diphosphinite (B[3.2.0]DPO) Ligands Exhibit Flexible Bite Angles, an Effect Derived from Conformational Changes (exo- or endo-Envelope) in the Bicyclic Ligand Scaffold. *Advanced Synthesis and Catalysis*, **2006**, 348, 2515-2530 5.6 27
- 92 Small bite-angle 2-phosphinophosphinine ligands enable rhodium-catalysed hydroboration of carbonyls. *Chemical Communications*, **2018**, 54, 5482-5485 5.8 27
- 91 Ruthenium carboxylate complexes as easily prepared and efficient catalysts for the synthesis of β -propyl esters. *Journal of Organometallic Chemistry*, **2011**, 696, 378-387 2.3 26
- 90 Ruthenium alkynyl, carbene and alkenyl complexes containing pendant uracil groups: an investigation into the formation of alkenyl-phosphonio complexes. *Dalton Transactions*, **2009**, 9529-42 4.3 26
- 89 Mononuclear $\eta(4e)$ -Bonded Phosphaalkyne Complexes; Selective Formation of a 1,2-Diphosphacyclobutadiene Tantalum Complex. *Angewandte Chemie - International Edition*, **2001**, 40, 3221-3224 16.4 26
- 88 Formation and catalytic activity of Pd nanoparticles on silica in supercritical CO₂. *Green Chemistry*, **2006**, 8, 965 10 25
- 87 CO Release from Norbornadiene Iron(0) Tricarbonyl Complexes: Importance of Ligand Dissociation. *Organometallics*, **2012**, 31, 5894-5902 3.8 24
- 86 Bifunctional Organorhodium Solid Acid Catalysts for Methanol Carbonylation. *ACS Catalysis*, **2012**, 2, 1368-1376 13.1 24
- 85 Toxicity of tryptophan manganese(i) carbonyl (Trypto-CORM), against. *MedChemComm*, **2017**, 8, 346-352 23
- 84 Nucleobase-containing transition metal complexes as building blocks for biological markers and supramolecular structures. *Dalton Transactions*, **2008**, 4067-78 4.3 23
- 83 Solvent and phosphine dependency in the reaction of cis-RuCl₂(P \mathbf{P})₂ (P \mathbf{P} =dppm or dppe) with terminal alkynes. *Journal of Organometallic Chemistry*, **2008**, 693, 3103-3110 2.3 23
- 82 Redox Couple Involving NO in Aerobic Pd-Catalyzed Oxidation of sp³-C-H Bonds: Direct Evidence for Pd-NO/NO Interactions Involved in Oxidation and Reductive Elimination. *Journal of the American Chemical Society*, **2017**, 139, 1177-1190 16.4 22

81	A new reaction pathway in organophosphorus chemistry: competing S(N)2 and AE' pathways for nucleophilic attack at a phosphorus-carbon cage compound. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3628-31	16.4	21
80	Selective Preparation of the [3,5-tBu2-1,2,4-C2P3] Ion and Synthesis and Structure of the Cationic Species nido-[3,5-tBu2-1,2,4-C2P3]+, Isoelectronic with [C5R5]+. <i>Angewandte Chemie</i> , 2003 , 115, 2884-2888	3.6	21
79	Access to novel fluorovinylidene ligands via exploitation of outer-sphere electrophilic fluorination: new insights into C-F bond formation and activation. <i>Dalton Transactions</i> , 2016 , 45, 1717-26	4.3	20
78	A Rationale for the Linear Correlation of Aryl Substituent Effects in Iron(0) Tricarbonyl Complexes Containing π -Unsaturated Enone (Chalcone) Ligands. <i>Organometallics</i> , 2007 , 26, 6354-6365	3.8	20
77	Dispersion, solvent and metal effects in the binding of gold cations to alkynyl ligands: implications for Au(I) catalysis. <i>Chemical Communications</i> , 2015 , 51, 9702-5	5.8	17
76	Ruthenium Acetate Complexes as Versatile Probes of Metal-Ligand Interactions: Insight into the Ligand Effects of Vinylidene, Carbene, Carbonyl, Nitrosyl and Isocyanide. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1493-1506	2.3	17
75	Transition metal vinylidene complexes as supramolecular building blocks: nucleobase-mediated self-assembly of crystals with hexagonal symmetry. <i>Dalton Transactions</i> , 2007 , 4427-38	4.3	17
74	A Main-Group Analogue of Housene: The Subtle Influence of the Inert-Pair Effect in Group 15 Clusters. <i>Angewandte Chemie</i> , 2006 , 118, 6837-6841	3.6	16
73	A nucleic acid base derivative tethered to a ruthenium carbene complex: hydrogen bonded dimers in both the solid state and solution?. <i>Chemical Communications</i> , 2004 , 1364-5	5.8	16
72	Functionalised N-pyrrolyl phosphines: synthesis and molybdenum chemistry of a new ketophosphine. <i>New Journal of Chemistry</i> , 2001 , 25, 824-826	3.6	16
71	Delineating the critical role of acid additives in Mn-catalysed C-H bond functionalisation processes. <i>Chemical Communications</i> , 2019 , 55, 3211-3214	5.8	15
70	Synthesis of a series of new platinum organometallic complexes derived from bidentate Schiff-base ligands and their catalytic activity in the hydrosilylation and dehydrosilylation of styrene. <i>Dalton Transactions</i> , 2015 , 44, 11919-28	4.3	15
69	Regiochemistry in cobalt-mediated intermolecular Pauson-Khand reactions of unsymmetrical internal heteroaromatic alkynes with norbornene. <i>Journal of Organic Chemistry</i> , 2011 , 76, 5320-34	4.2	15
68	Mononuclear σ (4e)-Bonded Phosphaalkyne Complexes; Selective Formation of a 1,2-Diphosphacyclobutadiene Tantalum Complex. <i>Angewandte Chemie</i> , 2001 , 113, 3321-3324	3.6	15
67	Manganese Carbonyl Compounds Reveal Ultrafast Metal-Solvent Interactions. <i>Organometallics</i> , 2019 , 38, 2391-2401	3.8	14
66	The Antimicrobial Activity of a Carbon Monoxide Releasing Molecule (EBOR-CORM-1) Is Shaped by Intraspecific Variation within Populations. <i>Frontiers in Microbiology</i> , 2018 , 9, 195	5.7	14
65	A New Reaction Pathway in Organophosphorus Chemistry: Competing SN2 and AE? Pathways for Nucleophilic Attack at a Phosphorus-Carbon Cage Compound. <i>Angewandte Chemie</i> , 2006 , 118, 3710-3713	3.6	14
64	Divergent Reactivity of Indole-Tethered Ynones with Silver(I) and Gold(I) Catalysts: A Combined Synthetic and Computational Study. <i>Synthesis</i> , 2018 , 50, 4829-4836	2.9	14

63	[Ru(η -C ₅ H ₅)(η -C ₁₀ H ₈)]PF ₆ as a catalyst precursor for the one-pot direct C-H alkenylation of nitrogen heterocycles. <i>Dalton Transactions</i> , 2014 , 43, 4565-72	4.3	13
62	Reactions of alkynes with cis-RuCl ₂ (dppm) ₂ : exploring the interplay of vinylidene, alkynyl and (η -butenyne) complexes. <i>Dalton Transactions</i> , 2015 , 44, 21016-24	4.3	13
61	η -Bound 2-Pyrone Complexes of Molybdenum and Iron: A Synthetic and Structural Study. <i>Organometallics</i> , 2004 , 23, 4964-4969	3.8	13
60	Synthesis, Reactivity, and Theoretical Studies of the η (4e)-Bonded Phosphaalkyne Complex [CpMo{P(OMe) ₃ } ₂ { η (4e)-P ⁺ CBu}][B(C ₆ F ₅) ₄] and the Molybdenum-Mediated Cyclocotrimerization of Alkyne and Phosphaalkyne Ligands. <i>Organometallics</i> , 2002 , 21, 3076-3078	3.8	13
59	Outer-Sphere Electrophilic Fluorination of Organometallic Complexes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 10753-9	16.4	12
58	A polyoxometallate- η -ethered Ru complex as a catalyst in solventless phenyl acetylene oligomerisation. <i>Catalysis Communications</i> , 2008 , 10, 53-56	3.2	11
57	Synthetic and Mechanistic Studies into the Rearrangement of Spirocyclic Indolenines into Quinolines. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 5563-5571	3.2	10
56	Atropisomerisation in sterically hindered η -disubstituted cyclopentenones derived from an intermolecular cobalt(0)-mediated Pauson-Khand reaction. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 5398-403	3.9	10
55	Rhodium-vermittelte lineare Tetramerisierung und Cyclisierung von 3,3-Dimethylbut-1-in. <i>Angewandte Chemie</i> , 1999 , 111, 3228-3230	3.6	10
54	Synthesis, Mesomorphism, and Photophysics of 2,5-Bis(dodecyloxyphenyl)pyridine Complexes of Platinum(IV). <i>Chemistry - A European Journal</i> , 2018 , 24, 19010-19023	4.8	10
53	A Structurally Characterized Fluoroalkyne. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7551-7556	6.4	9
52	Evaluating the Viability of Successive Ring-Expansions Based on Amino Acid and Hydroxyacid Side-Chain Insertion. <i>Chemistry - A European Journal</i> , 2020 , 26, 12674-12683	4.8	9
51	Photoactivated Functionizable Tetracarbonyl(phenylpyridine)manganese(I) Complexes as CO-Releasing Molecules: A Direct Suzuki-Miyaura Cross-Coupling on a Thermally Stable CO-RM. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 5044-5051	2.3	9
50	Total Synthesis and Stereochemical Revision of Phacelocarpus 2-Pyrone A. <i>Chemistry - A European Journal</i> , 2015 , 21, 18905-9	4.8	9
49	Synthesis of Phosphonium-Substituted Vinylidene Complexes from [HC ⁺ CCH ₂ PPh ₃] ⁺ : Exploring the Competition between Allene and Vinylidene Formation.. <i>Organometallics</i> , 2014 , 33, 7260-7269	3.8	9
48	Nucleophilic substitution reactions of the tricyclic triphosphorus cage P ₃ (CBu(t)) ₂ : a novel route to polyphosphorus phosphonium complexes. <i>Dalton Transactions</i> , 2008 , 3422-8	4.3	9
47	Insight into the mechanism of CO-release from trypto-CORM using ultra-fast spectroscopy and computational chemistry. <i>Dalton Transactions</i> , 2019 , 48, 16426-16436	4.3	9
46	Detection of unusual reaction intermediates during the conversion of W(N ₂) ₂ (dppe) ₂ to W(H) ₄ (dppe) ₂ and of H ₂ O into H ₂ . <i>Journal of the American Chemical Society</i> , 2012 , 134, 18257-65	16.4	8

45	cis-1,3,5-Triaminocyclohexane as a facially capping ligand for ruthenium(II). <i>Inorganic Chemistry</i> , 2013 , 52, 4517-27	5.1	8
44	Mapping the Elimination of Water from Hydroxyvinylidene Complexes of Ruthenium(II): Access to Allenylidene and Vinylvinylidene Complexes in a Stepwise Fashion. <i>Organometallics</i> , 2013 , 32, 7407-7417	3.8	8
43	Self-assembly of a hydrogen bonded framework from a gold phosphine complex with a pendant uracil group. <i>Chemical Communications</i> , 2009 , 2890-2	5.8	8
42	Ligand exchange reactions within the coordination sphere of a molybdenum eta 2(4e)-alkyne complex: the formation of an indole in a cascade reaction involving an alkyne and isonitrile ligands. <i>Chemical Communications</i> , 2002 , 3056-7	5.8	8
41	A (2-(naphthalen-2-yl)phenyl)rhodium(i) complex formed by a proposed intramolecular 1,4-ortho-to-ortho' Rh metal-atom migration and its efficacy as an initiator in the controlled stereospecific polymerisation of phenylacetylene. <i>Dalton Transactions</i> , 2019 , 48, 16437-16447	4.3	8
40	Direct Observation of the Microscopic Reverse of the Ubiquitous Concerted Metalation Deprotonation Step in C-H Bond Activation Catalysis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 1356-1364	16.4	8
39	Rapid Markovnikov addition of HCl to a pendant alkyne: evidence for a quinoidal cumulene. <i>Chemical Communications</i> , 2015 , 51, 9362-5	5.8	7
38	Synthesis and coordination chemistry of pyrimidine-substituted phosphine ligands. <i>Inorganica Chimica Acta</i> , 2012 , 380, 252-260	2.7	7
37	Direct Measurement of the Visible to UV Photodissociation Processes for the PhotoCORM TryptoCORM. <i>Chemistry - A European Journal</i> , 2020 , 26, 10297-10306	4.8	6
36	Gold(I) Complexes of Phosphaalkynes. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 1783-1787	2.3	6
35	Rhodium vinylidene and alkyne complexes containing a pendant uracil group. <i>Journal of Organometallic Chemistry</i> , 2010 , 695, 18-25	2.3	6
34	Synthesis, structural characterisation and reactivity of molybdenum half-sandwich complexes containing keto- and amido-phosphines. <i>Journal of Organometallic Chemistry</i> , 2003 , 665, 15-22	2.3	6
33	Facile, metal promoted, oxidation of η -1,3-diphosphacyclobutadiene by water or methanol: synthesis of $[\text{MoCl}(\text{CO})(\eta$ -1,3-P2C2But2)(η -L)] (L = C5H5, C5Me5) and $[\text{MoCl}(\text{CO})(\eta$ -1,3-PC2But2PH(OR))(η -L)] (L = C5H5, R = H, Me). <i>Chemical Communications</i> , 1999 , 2147-2148	5.8	6
32	Indole-ynones as Privileged Substrates for Radical Dearomatizing Spirocyclization Cascades.. <i>Organic Letters</i> , 2022 ,	6.2	6
31	Synthesis, mesomorphism, photophysics and device performance of liquid-crystalline pincer complexes of gold(III). <i>Journal of Materials Chemistry C</i> , 2021 , 9, 1287-1302	7.1	5
30	Confocal and fluorescence lifetime imaging sheds light on the fate of a pyrene-tagged carbon monoxide-releasing Fischer carbene chromium complex. <i>Dalton Transactions</i> , 2015 , 44, 4957-62	4.3	4
29	Synthesis of macrocyclic and medium-sized ring thiolactones the ring expansion of lactams. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 1404-1411	3.9	4
28	Further Evidence for 'Extended' Cumulene Complexes: Derivatives from Reactions with Halide Anions and Water. <i>Chemistry - A European Journal</i> , 2020 , 26, 7226-7234	4.8	3

27	Evidence for a SN2-type pathway in the exchange of phosphines at a [PhSe] ⁺ centre. <i>Dalton Transactions</i> , 2015 , 44, 110-8	4.3	3
26	Syntheses and structures of bis(imido)organophosphine dianions. <i>Canadian Journal of Chemistry</i> , 2002 , 80, 1458-1462	0.9	3
25	(η -Tetrafluorobenzobarrelene)- η -((tri-4-fluorophenyl)phosphine)- η -(2-phenylphenyl)rhodium(I): A Catalyst for the Living Polymerization of Phenylacetylenes. <i>Macromolecules</i> , 2021 , 54, 6191-6203	5.5	3
24	Time-resolved infra-red spectroscopy reveals competitive water and dinitrogen coordination to a manganese(I) carbonyl complex. <i>Dalton Transactions</i> , 2020 , 49, 5463-5470	4.3	3
23	A "one pot" mass spectrometry technique for characterizing solution- and gas-phase photochemical reactions by electrospray mass spectrometry.. <i>RSC Advances</i> , 2021 , 11, 19500-19507	3.7	3
22	Pd-Catalysed carbonylative Suzuki-Miyaura cross-couplings using Fe(CO) ₅ under mild conditions: generation of a highly active, recyclable and scalable PdFeRh catalyst. <i>Green Chemistry</i> , 2021 , 23, 920-926	10	3
21	Nitrogen, phosphorus, arsenic, antimony and bismuth. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2011 , 107, 95		2
20	Computational mechanistic study in organometallic catalysis: Why prediction is still a challenge. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , e1590	7.9	2
19	Cytotoxic (η -1,3,5-triaminocyclohexane)ruthenium(II)-diphosphine complexes; evidence for covalent binding intercalation with DNA. <i>Dalton Transactions</i> , 2020 , 49, 15219-15230	4.3	2
18	A biotin-conjugated photo-activated CO-releasing molecule (biotinCORM): efficient CO-release from an avidin-biotinCORM protein adduct. <i>Dalton Transactions</i> , 2019 , 48, 16233-16241	4.3	2
17	Light- and Manganese-Initiated Borylation of Aryl Diazonium Salts: Mechanistic Insight on the Ultrafast Time-Scale Revealed by Time-Resolved Spectroscopic Analysis. <i>Chemistry - A European Journal</i> , 2021 , 27, 3979-3985	4.8	2
16	Carbon Monoxide-Releasing Molecules 2019 , 137-154		1
15	A Structurally Characterized Fluoroalkyne. <i>Angewandte Chemie</i> , 2017 , 129, 7659-7664	3.6	1
14	Nitrogen, phosphorus, arsenic, antimony and bismuth. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2009 , 105, 140		1
13	Nitrogen, phosphorus, arsenic, antimony and bismuth. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2008 , 104, 112		1
12	Nitrogen, phosphorus, arsenic, antimony and bismuth. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2007 , 103, 104		1
11	One-Electron Reduction of Molybdenum η (4e)-Alkyne Complexes as a Pathway to the η (3e) Vinyl Ligand. <i>Organometallics</i> , 2007 , 26, 1093-1095	3.8	1
10	Nitrogen, phosphorus, arsenic, antimony and bismuth. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2006 , 102, 130		1

- 9 Transformation of an π -coordinated phosphalkyne into a bridging phosphinidene ligand. *Journal of Organometallic Chemistry*, **2006**, 691, 2859-2862 2.3 1
- 8 Manganese-Mediated C-H Bond Activation of Fluorinated Aromatics and the ortho-Fluorine Effect: Kinetic Analysis by In Situ Infrared Spectroscopic Analysis and Time-Resolved Methods. *ACS Catalysis*, **2022**, 12, 1532-1544 13.1 1
- 7 Solvent- and anion-dependent rearrangement of fluorinated carbene ligands provides access to fluorinated alkenes. *Dalton Transactions*, **2019**, 48, 17655-17659 4.3 1
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