

Stephen T Astley

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Carboxylate ion dependency in the Cu(II) catalysed asymmetric Henry reaction: Structural characterisation of a tridentate Schiff base complex containing a coordinated carboxylic acid. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3831.	3.5	3
2	Synthesis of novel Schiff base ligands from gluco- and galactochloraloses for the Cu(II) catalyzed asymmetric Henry reaction. <i>Carbohydrate Research</i> , 2015, 407, 97-103.	2.3	11
3	Synthesis, X-ray structural and thermal analysis of a novel copper compound containing dissymmetric independent 5- and 6-coordinate CuL(H ₂ O) _n (n=2,3) units and hydrogen bond bridges. <i>Acta Chimica Slovenica</i> , 2015, 62, 88-94.	0.6	6
4	Alkyne insertion and coupling reactions mediated by the cycloheptatrienyl-bridged heterobimetallic complexes (1/4-C ₇ H ₇)Ru(CO) ₃ M ² (CO) ₂ (M ² =Rh, Ir). <i>Journal of Organometallic Chemistry</i> , 2014, 754, 75-79. ^{1,8}	1.8	1
5	Catalyst functional group cooperativity in the amino acid-catalysed nitroaldol condensation reaction. <i>Research on Chemical Intermediates</i> , 2013, 39, 3407-3415.	2.7	4
6	Synthesis of Stable Acyclic Aminals Derived from L-(+)-Aspartic Acid and Their Application in Asymmetric Henry Reactions. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013, 68, 57-63.	0.7	3
7	Synthesis, spectroscopic and structural characterization of cobalt(II) complex with uracil-containing 2,6-diformylpyridine ligand: Theoretical studies on the ligand and pentagonal-bipyramidal [Co(L)(H ₂ O) ₂] ²⁺ and [Zn(L)(H ₂ O) ₂] ²⁺ cations. <i>Journal of Molecular Structure</i> , 2010, 966, 39-47.	3.6	9
8	A highly novel dinickel complex: A hydrogen-bonded anti-skew carboxylate bridge and a 2D supramolecular structure. <i>Inorganic Chemistry Communication</i> , 2009, 12, 1204-1208.	3.9	3
9	Uncatalysed coupling of an activated aryl chloride with aryllithium and aryl Grignard reagents. <i>Tetrahedron Letters</i> , 2004, 45, 7315-7317.	1.4	6
10	The metal-halogen exchange reaction between ortho-substituted aryl halides and Ph ₂ CuLi-LiCN: scope and applicability for coupling reactions. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 154-157.	1.8	3
11	Preparation of o-bromobenzophenone derivatives from lithium diarylcuprate(I) reagents. <i>Applied Organometallic Chemistry</i> , 2000, 14, 341-344.	3.5	3
12	Stereocontrolled organomanganese synthesis of cis-4a,10b-dihydrophenanthridine derivatives. <i>Tetrahedron Letters</i> , 1997, 38, 623-626.	1.4	5
13	Highly Chemoselective Thiocarbonyl Oxidation upon Reaction of 4-Methyl-3-phenyl-2-thiazolidinethione with Singlet Oxygen. <i>Spectroscopy Letters</i> , 1996, 29, 1013-1019.	1.0	0
14	A beneficial effect of ortho-substituents in the arylation of (benzene)tricarbonylmanganese(1+) hexafluorophosphate(1 ⁻). <i>Journal of Organometallic Chemistry</i> , 1995, 487, 253-255.	1.8	10
15	Hippeastrine synthesis: A combined bio-dioxygenation/organoiron chirality relay approach. <i>Tetrahedron Letters</i> , 1993, 34, 2035-2038.	1.4	21
16	Hippeastrine Synthesis: Functionalised Metallated Arenes in an Organoiron Route to a Tricyclic Model. <i>Synlett</i> , 1992, 1992, 507-509.	1.8	26
17	Solid-state structure and fluxional solution behavior of the ambident organometallic nucleophiles (eta ³ -C ₇ H ₇)M(CO) ₃ - (M = ruthenium, osmium). <i>Organometallics</i> , 1990, 9, 184-189.	2.3	17
18	Cycloheptatrienyl bridged heterobimetallic complexes: synthesis and reactivity of (1/4-C ₇ H ₇)Ru(CO) ₃ Ir(CO) ₂ . <i>Journal of Organometallic Chemistry</i> , 1989, 363, 167-174.	1.8	20