

Christopher J T Hyland

List of Publications by Year in descending order

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71
papers

1,242
citations

430843

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434170

31
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all docs

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docs citations

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times ranked

1387
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#	ARTICLE	IF	CITATIONS
1	The Diastereoselective Synthesis of Pyrroloindolines by Pd-Catalyzed Dearomative Cycloaddition of 1-Tosyl-2-vinylaziridine to 3-Nitroindoles. <i>ACS Catalysis</i> , 2017, 7, 1053-1056.	11.2	91
2	Gold-Catalyzed and N-Iodosuccinimide-Mediated Cyclization of \hat{I}^3 -Substituted Allenamides. <i>Journal of Organic Chemistry</i> , 2006, 71, 8658-8660.	3.2	90
3	Gold-Catalyzed Conversion of Highly Strained Compounds. <i>Chemical Reviews</i> , 2021, 121, 8685-8755.	47.7	90
4	Pd-Catalyzed Dearomative [3 + 2] Cycloaddition of 3-Nitroindoles with 2-Vinylcyclopropane-1,1-dicarboxylates. <i>Journal of Organic Chemistry</i> , 2017, 82, 13517-13529.	3.2	62
5	Thiourea bridged periodic mesoporous organosilica with ultra-small Pd nanoparticles for coupling reactions. <i>RSC Advances</i> , 2017, 7, 56306-56310.	3.6	57
6	Theoretical Investigation into the Mechanism of Reductive Elimination from Bimetallic Palladium Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 6449-6457.	4.0	46
7	Experimental and Theoretical Investigation into the Gold-Catalyzed Reactivity of Cyclopropenylmethyl Acetates. <i>Organic Letters</i> , 2010, 12, 4768-4771.	4.6	43
8	Medicinal organometallic chemistry – an emerging strategy for the treatment of neglected tropical diseases. <i>MedChemComm</i> , 2015, 6, 1230-1243.	3.4	41
9	Cyclisations of allylic substrates via palladium catalysis. <i>Tetrahedron</i> , 2005, 61, 3457-3471.	1.9	40
10	Ligand Effects in Bimetallic High Oxidation State Palladium Systems. <i>Inorganic Chemistry</i> , 2010, 49, 11249-11253.	4.0	37
11	Allenylation and Propargylation Reactions of Ketones, Aldehydes, Imines, and Iminium Ions Using Organoboronates and Related Derivatives. <i>Synthesis</i> , 2017, 49, 1461-1480.	2.3	35
12	Controlled Oxidation of Pyrroles: Synthesis of Highly Functionalized \hat{I}^3 -Lactams. <i>Organic Letters</i> , 2013, 15, 1714-1717.	4.6	31
13	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2012, 24, 493-536.	0.5	30
14	Dual Gold-Catalyzed Cycloaromatization of Unconjugated (<i>E</i>)-Enediyne. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2114-2119.	13.8	28
15	Stereoselective \hat{I}^3 -lactam synthesis via palladium-catalysed intramolecular allylation. <i>Chemical Communications</i> , 2005, , 3439.	4.1	26
16	Ring-Opening of Vinylcyclopropane-1,1-dicarboxylates by Boronic Acids under Ligandless Palladium Catalysis in Neat Water. <i>Journal of Organic Chemistry</i> , 2015, 80, 6529-6536.	3.2	23
17	Stereoselective Synthesis of (-)-Trachelanthamidine via Palladium-Catalysed Intramolecular Allylation. <i>Synlett</i> , 2006, 2006, 2142-2144.	1.8	22
18	Theoretical Study on the Ring-Opening Reactions of Cyclopropenes Mediated by a Au ^I Complex. <i>Journal of Organic Chemistry</i> , 2013, 78, 9553-9559.	3.2	21

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19	Chemoselective reduction of 2-acyl-N-sulfonylpyrroles: Synthesis of 3-pyrrolines and 2-alkylpyrroles. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3948.	2.8	20
20	Pharmacology students'™ perceptions of creating multimodal digital explanations. <i>Chemistry Education Research and Practice</i> , 2017, 18, 329-339.	2.5	18
21	Boron-Mediated Stereoselective Syntheses of β,β -Disubstituted Allenamides. <i>Journal of Organic Chemistry</i> , 2005, 70, 8628-8630.	3.2	17
22	Oxazolidinones and 2,5-Dihydrofurans via Zinc-Catalyzed Regioselective Allenylation Reactions of α -Amino Aldehydes. <i>Journal of Organic Chemistry</i> , 2017, 82, 6819-6830.	3.2	17
23	Divergent gold-catalysed reactions of cyclopropenylmethyl sulfonamides with tethered heteroaromatics. <i>Chemical Communications</i> , 2019, 55, 13971-13974.	4.1	17
24	Divergent Pd-catalyzed cross-coupling of allenylloxazolidinones to give chiral 1,3-dienes and vinylloxazolidinones. <i>Chemical Science</i> , 2019, 10, 9051-9056.	7.4	16
25	Benzoazepine-Fused Isoindolines via Intramolecular (3 + 2)-Cycloadditions of Azomethine Ylides with Dinitroarenes. <i>Organic Letters</i> , 2019, 21, 4703-4708.	4.6	16
26	Theoretical Investigation into the Palladium-Catalyzed Silaboration of Pyridines. <i>Organometallics</i> , 2012, 31, 1680-1687.	2.3	14
27	Palladium-Catalyzed Formal (3 + 2) Cycloaddition Reactions of 2-Nitro-1,3-enynes with Vinylaziridines, -epoxides, and -cyclopropanes. <i>Organic Letters</i> , 2021, 23, 4635-4639.	4.6	13
28	Highly regioselective ring-opening of trisubstituted aziridines by sulfur-stabilised carbanions. <i>Chemical Communications</i> , 2009, , 451-453.	4.1	12
29	Unusual (Z)-selective palladium(ii)-catalysed addition of aryl boronic acids to vinylaziridines. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 9113-9115.	2.8	12
30	Synthesis of Nitrogen-Substituted Methylene-cyclopropanes by Strain-Driven Overman Rearrangement of Cyclopropenylmethyl Trichloroacetimidates. <i>Journal of Organic Chemistry</i> , 2014, 79, 8462-8468.	3.2	12
31	Palladium(II)-Catalyzed C3-Selective Friedel-Crafts Reaction of Indoles with Aziridines. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1368-1377.	2.7	12
32	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2018, , 493-550.	0.5	12
33	Five-membered cyclic sulfamidate imines: versatile scaffolds for organic synthesis. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7467-7484.	2.8	12
34	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2013, , 455-495.	0.5	11
35	Proton supplier role of binuclear gold complexes in promoting hydrofunctionalisation of nonactivated alkenes. <i>Catalysis Science and Technology</i> , 2019, 9, 1420-1426.	4.1	11
36	Novel dual-action prodrug triggers apoptosis in glioblastoma cells by releasing a glutathione quencher and lysine-specific histone demethylase 1A inhibitor. <i>Journal of Neurochemistry</i> , 2019, 149, 535-550.	3.9	11

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37	Stereogenic and conformational properties of medium-ring benzo-fused N-heterocycle atropisomers. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7098-7115.	2.8	11
38	Understanding the Influence of Donor-acceptor Diazo Compounds on the Catalyst Efficiency of B(C ₆ F ₅) ₃ Towards Carbene Formation. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	11
39	Titanium-mediated rearrangement of cyclopropenylmethyl acetates to (E)-halodienes. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3359.	2.8	10
40	Palladium-Catalyzed Decarboxylative Formal (4+2) Cycloaddition of Vinyl Benzoxazinones with 3-Nitroindoles. <i>Synlett</i> , 2020, 31, 916-924.	1.8	10
41	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2015, 27, 531-573.	0.5	9
42	Syntheses and reactions of optically active $\hat{\pm}$ -aminoallenylstannanes and $\hat{\pm}$ -aminopropargylboranes. <i>Pure and Applied Chemistry</i> , 2006, 78, 333-339.	1.9	8
43	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2011, 22, 491-536.	0.5	8
44	The Pd-catalysed asymmetric allylic alkylation reactions of sulfamidate imines. <i>Chemical Science</i> , 2021, 12, 12695-12703.	7.4	8
45	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2011, 23, 465-504.	0.5	7
46	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2017, 29, 579-633.	0.5	7
47	Dual Gold-catalyzed Cycloaromatization of Unconjugated (E)-enediynes. <i>Angewandte Chemie</i> , 2019, 131, 2136-2141.	2.0	7
48	Blended Media. <i>International Journal of Mobile and Blended Learning</i> , 2016, 8, 35-48.	0.8	6
49	Seven-Membered Rings. <i>Progress in Heterocyclic Chemistry</i> , 2020, , 597-647.	0.5	6
50	Hydroalkylation of Alkenes with 1,3-Diketones via Gold(III) or Silver(I) Catalysis: Divergent Mechanistic Pathways Revealed by a DFT-Based Investigation. <i>ACS Catalysis</i> , 2021, 11, 5795-5807.	11.2	6
51	Gold- and Silver-Catalysed Cyclisation Reactions of $\hat{\pm}$ -Amino Allenes. <i>Australian Journal of Chemistry</i> , 2018, 71, 682.	0.9	5
52	Synthetic methods Part (ii) oxidation and reduction methods. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2012, 108, 29.	0.9	4
53	Synthetic methods: part (ii) oxidation and reduction methods. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2013, 109, 103.	0.9	4
54	Isolation and Characterization of 1 $\hat{\pm}$ -Acetoxypolygodial from <i>Tasmania lanceolata</i> . <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 1193-1196.	2.7	4

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55	Seven-Membered Rings. Progress in Heterocyclic Chemistry, 2014, 26, 521-571.	0.5	4
56	Visible light dye-photosensitised oxidation of pyrroles using a simple LED photoreactor. Organic and Biomolecular Chemistry, 2016, 14, 8873-8880.	2.8	4
57	Seven-Membered Rings. Progress in Heterocyclic Chemistry, 2016, 28, 579-622.	0.5	4
58	Oxidative ring-opening of ferrocenylcyclopropylamines to N-ferrocenylmethyl β -hydroxyamides. Organic and Biomolecular Chemistry, 2016, 14, 2498-2503.	2.8	4
59	Competitive 1,3-Dipolar Cycloaddition Reactions of an Azomethine Ylide with Aromatic and Carbonyl Groups of Nitro-Substituted Isatoic Anhydrides. Australian Journal of Chemistry, 2018, 71, 690.	0.9	4
60	Rhodium-catalysed tetrahydro-Diels-Alder reactions of enediyne <i>via</i> a rhodium-stabilized cyclic allene. Chemical Science, 2020, 11, 10945-10950.	7.4	4
61	A Rare Alder-Ene Cycloisomerization of 1,6-Allenynes. Chemistry - A European Journal, 2022, 28, .	3.3	4
62	Phosphine-Scavenging Cationic Gold(I) Complexes: Alternative Applications of Gold Cocatalysis in Fundamental Palladium-Catalyzed Cross-Couplings. Organometallics, 2019, 38, 2683-2688.	2.3	3
63	Seven-membered rings. Progress in Heterocyclic Chemistry, 2021, , 565-614.	0.5	3
64	Computational Investigation into the Mechanistic Features of Bromide-Catalyzed Alcohol Oxidation by PhIO in Water. Journal of Organic Chemistry, 2021, 86, 2998-3007.	3.2	3
65	Investigation of thiazolyl-benzothiophenamides as potential agents for African sleeping sickness. RSC Medicinal Chemistry, 2020, 11, 1413-1422.	3.9	2
66	Seven-membered rings. Progress in Heterocyclic Chemistry, 2021, , 533-581.	0.5	2
67	Direct S_N2 or S_N2X Mechanistic Study of Ion-Pair-Catalyzed Carbon(sp ³)-Carbon(sp ³) Bond Formation. Journal of Organic Chemistry, 2022, 87, 4029-4039.	3.2	1
68	Cyclizations of Allylic Substrates via Palladium Catalysis. ChemInform, 2005, 36, no.	0.0	0
69	Stereoselective β -Lactam Synthesis via Palladium-Catalyzed Intramolecular Allylation.. ChemInform, 2005, 36, no.	0.0	0
70	Titelbild: Dual Gold-Catalyzed Cycloaromatization of Unconjugated (E)-Enediyne (Angew. Chem.) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	2.0	0
71	Discovery of Redox-Promoted Brønsted Acid Catalysis in the Gold(III)-Catalyzed Annulation of Phenol and Cyclohexadiene. ACS Catalysis, 0, , 7918-7925.	11.2	0