Anthony C Willis

List of Publications by Year
in descending order

76 papers	1,342 citations	304743 22 h-index	454955 30 g-index
85 all docs	85 docs citations	85 times ranked	1587 citing authors

#	Article	IF	Citations
1	Pseudopterosin synthesis from a chiral cross-conjugated hydrocarbon through a series of cycloadditions. Nature Chemistry, 2015, 7, 82-86.	13.6	72
2	Dinuclear Complexes of Gold(I) Containing Bridging Cyclometalated Arylphosphane or Arylarsane Ligands. Angewandte Chemie International Edition in English, 1987, 26, 258-260.	4.4	57
3	Complexes of platinum(II), platinum(IV), rhodium(III) and iridium(III) containing orthometallated triphenylphosphine. Dalton Transactions RSC, 2000, , 3537-3545.	2.3	45
4	Synthesis and characterisation of nickel Schiff base complexes containing the meso-1,2-diphenylethylenediamine moiety: selective interactions with a tetramolecular DNA quadruplex. Dalton Transactions, 2015, 44, 3136-3150.	3.3	42
5	Synthesis and properties of the ivyanes: the parent 1,1-oligocyclopropanes. Chemical Science, 2011, 2, 229-232.	7.4	41
6	Carbonâ^'Carbon Coupling in Dinuclear Cycloaurated Complexes Containing Bridging 2-(Diphenylphosphino)phenyl or 2-(Diethylphosphino)phenyl. Role of the Axial Ligand and the Fine Balance between Gold(II)â^'Gold(II) and Gold(I)â^'Gold(III). Organometallics, 2001, 20, 79-87.	2.3	40
7	Molecular bricklaying: the protonated benzimidazole moiety as a synthon for crystal engineering. New Journal of Chemistry, 2003, 27, 354-358.	2.8	40
8	Formation of (Diphenylphosphino)naphthalenes by Double Insertion of (Alkynyl)diphenylphosphines into Nickel(0)â^'Benzyne Complexes. Organometallics, 2000, 19, 1522-1533.	2.3	39
9	Synthesis, crystal structures and magnetic properties of linear and bent trinuclear complexes formed by hexacyanometallates and copper(ii) complexes. Dalton Transactions RSC, 2002, , 3723-3730.	2.3	36
10	(Ethene)bis(acetylacetonato) Complexes of Divalent and Trivalent Ruthenium. Organometallics, 2003, 22, 1018-1028.	2.3	30
11	[5]Radialene. Journal of the American Chemical Society, 2015, 137, 14653-14659.	13.7	29
12	Preparation and reactivity of mononuclear platinum(0) complexes containing a Î·2-coordinated alkynylphosphine. Dalton Transactions RSC, 2002, , 226-233.	2.3	28
13	Î²-Oligofurans. Chemical Science, 2012, 3, 2133.	7.4	27
14	Rapid Cascade Synthesis of Poly-Heterocyclic Architectures from Indigo. Journal of Organic Chemistry, 2013, 78, 7639-7647.	3.2	27
15	Direct Crossâ€Couplings of Propargylic Diols. Angewandte Chemie - International Edition, 2016, 55, 9244-9248.	13.8	26
16	Multicomponent Dieneâ€Transmissive Dielsâ€“Alder Sequences Featuring Aminodendralenes. Angewandte Chemie - International Edition, 2016, 55, 3081-3085.	13.8	26
17	A Triad of Bis(orthometalated) d⁸-Complexes Containing Four-Membered Rings. Organometallics, 2008, 27, 5361-5370.	2.3	25
18	Total Synthesis of Natural Hyacinthacine C₅ and Six Related Hyacinthacine C₅ Epimers. Journal of Organic Chemistry, 2018, 83, 5558-5576.	3.2	25

#	Article	IF	Citations
19	A Domino Dielsâ€“Alder Approach toward the Tetracyclic Nicandrenone Framework. Organic Letters, 2015, 17, 5517-5519.	4.6	24
20	Synthesis and Structure of [Au5(C6H4PPh2)4]+:Â A Cycloaurated Cation Containing a Pair ofIpso-Carbonâ^'Digold Interactions. Inorganic Chemistry, 1997, 36, 5670-5672.	4.0	23
21	Optically active asymmetric di(tertiary phosphines). Crystal and molecular structure of [SP-4-3-(SP,Sâ€Š)]-{1-[(2-chlorophenyl)methylphosphino]-2-(dimethylphosphino)benzene-P,Pâ€Šâ€²â€Š}{1-[1-(dimethylamino)ethyl]na hexafluorophosphate. Dalton Transactions RSC, 2001, , 1890-1896.	2.3	20
22	A New Glycoside Antimicrobial Agent fromPersoonia linearisÃ—pinifolia. Journal of Natural Products, 1997, 60, 620-622.	3.0	22
23	Polyoxygenated Cyclohexenes and Their Chlorinated Derivatives from the Leaves of Uvaria cherrevensis. Journal of Natural Products, 2019, 82, 101-110.	3.0	19
24	Novel spiro and fused heterocycles from the allylation of indigo. Tetrahedron Letters, 2009, 50, 6947-6950.	1.4	18
25	Î·3-Allylpalladium Complexes from Medium-Ring Cycloalkenes. Organometallics, 1998, 17, 1968-1983.	2.3	16
26	Selective Cleavage by Acids of One Metalâ€“Carbon Ïƒâ€Bond of a Bis(orthoâ€platinated) Triarylphosphane: A31P NMRtransâ€influence Series Based on the Unit Pt(Îº2â€C6H3â€5â€Meâ€2â€PPh2)(PPh2â€4â€tol). European Journal of Inorganic Chemistry, 2008, 2008, 3467-3481.	2.0	16
27	Synthesis of furo[3,2-c]coumarins under microwave irradiation using nano-CoFe2O4@SiO2â€“PrNH2 as an efficient and magnetically reusable catalyst. Chemistry of Heterocyclic Compounds, 2016, 52, 288-293.	1.2	15
28	Improving intramolecular hydroamination Rh(i) and Ir(i) catalysts through targeted ligand modification. New Journal of Chemistry, 2010, 34, 1200.	2.8	14
29	Preparation, Structure, and Reactivity of Dipalladium(I) Complexes Containing the Carbanion 2-C₆F₄PPh₂: Coexistence of Distinct, Noninterconverting Head-to-Head [Dipalladium(0/II)] and Head-to-Tail [Dipalladium(I)] Species. Organometallics, 2012, 31, 5561-5572.	2.3	14
30	Further exploration of the heterocyclic diversity accessible from the allylation chemistry of indigo. Beilstein Journal of Organic Chemistry, 2015, 11, 481-492.	2.2	14
31	2-Phenylnaphthalenes and a polyoxygenated cyclohexene from the stem and root extracts of Uvaria cherrevensis (Annonaceae). FÃ¬toterapÃ¬Ã¢, 2017, 120, 103-107.	2.2	14
32	Synthesis of bis[palladium(ii)] and bis[platinum(ii)] complexes containing chiral, linear quadridentate ligands with a P2N2 donor set. Dalton Transactions RSC, 2002, , 234.	2.3	13
33	Detection and metabolic investigations of a novel designer steroid: 3â€chloroâ€17Î±â€methylâ€5Î±â€androstanâ€17Î²â€ol. Drug Testing and Analysis, 2016, 8, 621-632.	2.6	13
34	Effect of structure variations on the quadruplex DNA binding ability of nickel Schiff base complexes. Dalton Transactions, 2018, 47, 13573-13591.	3.3	13
35	Dissociative and Nondissociative Pathways in theendotoexoIsomerization of Tetramethyl-o-xylylene Complexes of Ruthenium and Osmium, ML3{Î·4-o-C6Me4(CH2)2} (M = Ru, L = PMe3; M = Os, L = PMe3,) Tj ETQq1 1 0.784314 rgBT / Complexes. Organometallics, 1998, 17, 3784-3797.	2.3	12
36	Unsymmetrically Substituted Butenynylâ€Iron(II) Complexes. European Journal of Inorganic Chemistry, 2010, 2010, 2406-2414.	2.0	12

#	Article	IF	Citations
37	Anion and solvent effects on the coordination behavior of N-(2-pyridinylmethylene)benzoylhydrazone with copper(II): synthesis and structural characterization. Journal of Coordination Chemistry, 2015, 68, 4255-4271.	2.2	12
38	Structures of New Alkaloids from Rain Forest Trees Galbulimima belgraveana and Galbulimima baccata in Papua New Guinea, Indonesia, and Northern Australia. ACS Omega, 2018, 3, 1912-1921.	3.5	12
39	Total Synthesis of (+)-Viridianol, a Marine-Derived Sesquiterpene Embodying the Decahydrocyclobuta[d]indene Framework. Journal of Organic Chemistry, 2018, 83, 14049-14056.	3.2	12
40	Cascade reactions of indigo with oxiranes and aziridines: efficient access to dihydropyrazinodiindoles and spiro-oxazocinodiindoles. Organic and Biomolecular Chemistry, 2018, 16, 6006-6016.	2.8	12
41	1,2-Addition versus homoconjugate addition reactions of indoles and electron-rich arenes to Î±-cyclopropyl N-acyliminium ions: synthetic and computational studies. Organic and Biomolecular Chemistry, 2019, 17, 7025-7035.	2.8	12
42	A new class of quadruplex DNA-binding nickel Schiff base complexes. Dalton Transactions, 2020, 49, 4843-4860.	3.3	12
43	Template synthesis of amidine- and amide-functionalised cobalt(III) hexaaza cage complexes. Dalton Transactions RSC, 2000, , 2933-2938.	2.3	11
44	Completely stereoselective synthesis of a chiral tetra(tertiary phosphine). Crystal and molecular structure of [OC-6-22-(R*,R*)]-(Â±)-dichloro{1,2-bis[(2-dimethylphosphinophenyl)methylphosphino]benzene-P,Pâ€Šâ€²,Pâ€Šâ€³,Pâ€Šâ€´}cobalt(III) hexafluorophosphateâ€Šâ€. Dalton Transactions RSC, 2000, , 1829-1830.	2.3	11
45	Indole-based mono- and poly-nuclear acyclic chelating systems: syntheses and selected transition metal complexes. Dalton Transactions RSC, 2001, , 1948-1958.	2.3	11
46	New Second-Order Nonlinear Octupolar Materials. Molecular Crystals and Liquid Crystals, 2004, 415, 179-195.	0.9	11
47	Highly diastereoselective synthesis of enantioenriched anti-Î±-allyl-Î²-fluoroamines. Chemical Communications, 2019, 55, 6050-6053.	4.1	11
48	Corrected Structure of Natural Hyacinthacine C₁ via Total Synthesis. Journal of Natural Products, 2019, 82, 358-367.	3.0	10
49	Selective Blocking of Coordination Modes in 1,3,5-Triamino-1,3,5-trideoxy-cis-inositol:â€‰ Enforced Formation of a Low-Spin Iron(III) Hexaamine Complex. Inorganic Chemistry, 1997, 36, 4121-4127.	4.0	9
50	Substituent effects in isoxazoles: identification of 4-substituted isoxazoles as Michael acceptors. Perkin Transactions II RSC, 2002, , 2031-2038.	1.1	9
51	Binuclear Ten-Membered Ring Cyclometallated Complexes of Digold(I) and their Reactions with Iodine and Bromine. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 1563-1569.	0.7	9
52	Alkyl chain length effect on construction of copper(II) complexes with tridentate Schiff base ligand and DNA interaction. Journal of Coordination Chemistry, 2016, 69, 1313-1325.	2.2	9
53	Synthesis of spirocyclic heterocycles from Î±,Î²-unsaturated N-acyliminium ions. Organic and Biomolecular Chemistry, 2021, 19, 259-272.	2.8	9
54	Diastereoselective Synthesis of the Aâ€Bâ€C Tricyclic Ring Structure of Stemocurtisine. European Journal of Organic Chemistry, 2015, 2015, 7682-7694.	2.4	8

#	Article	IF	Citations
55	Tetra(Î¼3-hydroxo) bridged copper(II) tetranuclear cubane complexes: synthesis, crystal structure, and DNA binding studies. Journal of Coordination Chemistry, 2015, 68, 2240-2252.	2.2	8
56	Direct Crossâ€Couplings of Propargylic Diols. Angewandte Chemie, 2016, 128, 9390-9394.	2.0	8
57	Synthesis and preliminary evaluation of 5,7-dimethyl-2-aryl-3H-pyrrolizin-3-ones as angiogenesis inhibitors. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 1813-1816.	2.2	8
58	Phytochemical studies on the Australian native plant species Acacia pycnantha and Jacaranda mimosifolia D.Don. Natural Product Research, 2019, 33, 1997-2003.	1.8	8
59	Synthesis of chiral multidentate tertiary arsines with As4 or As6 donor atoms. Dalton Transactions RSC, 2000, , 3603-3608.	2.3	7
60	Mononuclear gold(I) complex of a chiral tetra(tertiary phosphine). Crystal and molecular structure of [T-4-(RP*,RP*)]-(Â±)-1,2-bis[(2-diphenylphosphinophenyl)methylphosphino]benzene-P,Pâ€²,Pâ€³,Pâ€´gold(I) hexafluorophosphate. Dalton Transactions RSC, 2000, , 4487-4489.	2.3	7
61	Birchite, a new mineral from Broken Hill, New South Wales, Australia: Description and structure refinement. American Mineralogist, 2008, 93, 910-917.	1.9	7
62	Bidentate Chelate Complexes of Palladium(II) with the Carbanion 2-C₆F₄PPh₂and Their Transformation into Complexes Containing Bridging 2-C₆F₄PPh₂. Organometallics, 2011, 30, 3749-3762.	2.3	7
63	Trigonal prismatic metal complexes: a not so rare coordination geometry?. Dalton Transactions, 2016, 45, 9036-9040.	3.3	7
64	Multicomponent Dieneâ€Transmissive Dielsâ€“Alder Sequences Featuring Aminodendralenes. Angewandte Chemie, 2016, 128, 3133-3137.	2.0	6
65	Desymmetrization Reactions of Indigo with Grignard Reagents for the Synthesis of Selective Antiplasmodial [1H,3â€²H]-3-Aryl-2,2â€²-diindol-3â€²-ones. Journal of Organic Chemistry, 2019, 84, 11228-11239.	3.2	6
66	The effect of isomerism and other structural variations on the G-quadruplex DNA-binding properties of some nickel Schiff base complexes. Dalton Transactions, 2020, 49, 10360-10379.	3.3	6
67	The Cascade Reactions of Indigo with Propargyl Substrates for Heterocyclic and Photophysical Diversity. Chemistry - A European Journal, 2021, 27, 3708-3721.	3.3	6
68	Stereoselective Synthesis of a Phenylphosphido-Bridged Dimetallic Complex: Crystal and Molecular C4H8O. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1989, 44, 1041-1046.	0.7	5
69	Phytochemical and Pharmacological Studies on Four Indonesian Epiphytic Medicinal Plants: Drynaria rigidula, Hydnophytum formicarum, Usnea misaminensis, and Calymperes schmidtii. Natural Product Communications, 2019, 14, 1934578X1985679.	0.5	5
70	Regioselective convergent synthesis of 2-arylidene thiazolo[3,2-a]pyrimidines as potential anti-chikungunya agents. RSC Advances, 2020, 10, 5191-5195.	3.6	5
71	Mixed-Metal Cluster Chemistry. 27. Coupling of Diphenylbuta-1,3-diyne and CO at Tungstenâ€“Triiridium Cluster Cores. Journal of Cluster Science, 2004, 15, 291-300.	3.3	4
72	Design and synthesis of new functionalized isoindigo and (3Z,3â€²Z)-3,3â€²-(ethane-1,2-diylidene)bis(indolin-2-one) derivatives. Monatshefte FÃ¼r Chemie, 2018, 149, 2103-2111.	1.8	4

#	Article	IF	Citations
73	A novel one-pot synthesis of symmetric dialkyl 2,5-bis((2,6-dimethylphenyl)imino)-2,5-dihydrofuran-3,4-dicarboxylate derivatives. Research on Chemical Intermediates, 2014, 40, 779-785.	2.7	3
74	Unexpected synthesis of 3-imino-2-(pyrrol-2-yl) isatogen derivatives affords facile access to a 2-pyrrolyl isatogen. Synthetic Communications, 2017, 47, 62-67.	2.1	3
75	THE SYNTHESIS OFE-2-(BROMOMETHYLENE)CYCLOHEXANONE ANDE-2-(BROMOMETHYLENE)CYCLOHEPTANONE. Organic Preparations and Procedures International, 2005, 37, 93-98.	1.3	2
76	Synthesis and structural characterization of copper(II) complexes with a tetradentate semicarbazone ligand derived from 2,5-hexadione. Journal of the Iranian Chemical Society, 2019, 16, 2509-2518.	2.2	0