

Anthony C Willis

List of Publications by Year in descending order

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76
papers

1,342
citations

304743

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454955

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85
all docs

85
docs citations

85
times ranked

1587
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of spirocyclic heterocycles from $\hat{1}\pm, \hat{1}^2$ -unsaturated <i>N</i> -acyliminium ions. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 259-272.	2.8	9
2	The Cascade Reactions of Indigo with Propargyl Substrates for Heterocyclic and Photophysical Diversity. <i>Chemistry - A European Journal</i> , 2021, 27, 3708-3721.	3.3	6
3	The effect of isomerism and other structural variations on the G-quadruplex DNA-binding properties of some nickel Schiff base complexes. <i>Dalton Transactions</i> , 2020, 49, 10360-10379.	3.3	6
4	A new class of quadruplex DNA-binding nickel Schiff base complexes. <i>Dalton Transactions</i> , 2020, 49, 4843-4860.	3.3	12
5	Regioselective convergent synthesis of 2-arylidene thiazolo[3,2- <i>a</i>]pyrimidines as potential anti-chikungunya agents. <i>RSC Advances</i> , 2020, 10, 5191-5195.	3.6	5
6	Phytochemical studies on the Australian native plant species <i>Acacia pycnantha</i> and <i>Jacaranda mimosifolia</i> D. Don. <i>Natural Product Research</i> , 2019, 33, 1997-2003.	1.8	8
7	Desymmetrization Reactions of Indigo with Grignard Reagents for the Synthesis of Selective Antiplasmodial [1- <i>H</i> ,3- <i>H</i>]-3-Aryl-2,2-diindol-3-ones. <i>Journal of Organic Chemistry</i> , 2019, 84, 3.2 11228-11239.		6
8	1,2-Addition versus homoconjugate addition reactions of indoles and electron-rich arenes to $\hat{1}\pm$ -cyclopropyl <i>N</i> -acyliminium ions: synthetic and computational studies. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7025-7035.	2.8	12
9	Corrected Structure of Natural Hyacinthacine C ₁ via Total Synthesis. <i>Journal of Natural Products</i> , 2019, 82, 358-367.	3.0	10
10	Synthesis and structural characterization of copper(II) complexes with a tetradentate semicarbazone ligand derived from 2,5-hexadione. <i>Journal of the Iranian Chemical Society</i> , 2019, 16, 2509-2518.	2.2	0
11	Phytochemical and Pharmacological Studies on Four Indonesian Epiphytic Medicinal Plants: <i>Drynaria rigidula</i> , <i>Hydnophytum formicarum</i> , <i>Usnea misaminensis</i> , and <i>Calymperes schmidtii</i> . <i>Natural Product Communications</i> , 2019, 14, 1934578X1985679.	0.5	5
12	Highly diastereoselective synthesis of enantioenriched anti- $\hat{1}\pm$ -allyl- $\hat{1}^2$ -fluoroamines. <i>Chemical Communications</i> , 2019, 55, 6050-6053.	4.1	11
13	Polyoxygenated Cyclohexenes and Their Chlorinated Derivatives from the Leaves of <i>Uvaria cherreensis</i> . <i>Journal of Natural Products</i> , 2019, 82, 101-110.	3.0	19
14	Structures of New Alkaloids from Rain Forest Trees <i>Galbulimima belgraveana</i> and <i>Galbulimima baccata</i> in Papua New Guinea, Indonesia, and Northern Australia. <i>ACS Omega</i> , 2018, 3, 1912-1921.	3.5	12
15	Total Synthesis of Natural Hyacinthacine C ₅ and Six Related Hyacinthacine C ₅ Epimers. <i>Journal of Organic Chemistry</i> , 2018, 83, 5558-5576.	3.2	25
16	Total Synthesis of (+)-Viridianol, a Marine-Derived Sesquiterpene Embodying the Decahydrocyclobuta[<i>d</i>]indene Framework. <i>Journal of Organic Chemistry</i> , 2018, 83, 14049-14056.	3.2	12
17	Design and synthesis of new functionalized isoindigo and (3 <i>Z</i> ,3- <i>Z</i>)-3,3-(ethane-1,2-diylidene)bis(indolin-2-one) derivatives. <i>Monatshefte für Chemie</i> , 2018, 149, 2103-2111.	1.8	4
18	Effect of structure variations on the quadruplex DNA binding ability of nickel Schiff base complexes. <i>Dalton Transactions</i> , 2018, 47, 13573-13591.	3.3	13

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19	Cascade reactions of indigo with oxiranes and aziridines: efficient access to dihydropyrazinodiindoles and spiro-oxazocinodiindoles. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6006-6016.	2.8	12
20	2-Phenyl-naphthalenes and a polyoxygenated cyclohexene from the stem and root extracts of <i>Uvaria cherrevensis</i> (Annonaceae). <i>FÄ-toterapÄ-Äç</i> , 2017, 120, 103-107.	2.2	14
21	Unexpected synthesis of 3-imino-2-(pyrrol-2-yl) isatogen derivatives affords facile access to a 2-pyrrolyl isatogen. <i>Synthetic Communications</i> , 2017, 47, 62-67.	2.1	3
22	Synthesis of furo[3,2-c]coumarins under microwave irradiation using nano-CoFe ₂ O ₄ @SiO ₂ â€“PrNH ₂ as an efficient and magnetically reusable catalyst. <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 288-293.	1.2	15
23	Multicomponent Dieneâ€“Transmissive Dielsâ€“Alder Sequences Featuring Aminodendralenes. <i>Angewandte Chemie</i> , 2016, 128, 3133-3137.	2.0	6
24	Trigonal prismatic metal complexes: a not so rare coordination geometry?. <i>Dalton Transactions</i> , 2016, 45, 9036-9040.	3.3	7
25	Direct Crossâ€“Couplings of Propargylic Diols. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9244-9248.	13.8	26
26	Direct Crossâ€“Couplings of Propargylic Diols. <i>Angewandte Chemie</i> , 2016, 128, 9390-9394.	2.0	8
27	Detection and metabolic investigations of a novel designer steroid: 3â€“chloroâ€“17Î±â€“methylâ€“5Î±â€“androstanâ€“17Î²â€“ol. <i>Drug Testing and Analysis</i> , 2016, 8, 621-632.	2.6	13
28	Multicomponent Dieneâ€“Transmissive Dielsâ€“Alder Sequences Featuring Aminodendralenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3081-3085.	13.8	26
29	Synthesis and preliminary evaluation of 5,7-dimethyl-2-aryl-3H-pyrrolizin-3-ones as angiogenesis inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1813-1816.	2.2	8
30	Alkyl chain length effect on construction of copper(II) complexes with tridentate Schiff base ligand and DNA interaction. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1313-1325.	2.2	9
31	Diastereoselective Synthesis of the Aâ€“Bâ€“C Tricyclic Ring Structure of Stemocurtisine. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7682-7694.	2.4	8
32	Further exploration of the heterocyclic diversity accessible from the allylation chemistry of indigo. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 481-492.	2.2	14
33	Synthesis and characterisation of nickel Schiff base complexes containing the meso-1,2-diphenylethylenediamine moiety: selective interactions with a tetramolecular DNA quadruplex. <i>Dalton Transactions</i> , 2015, 44, 3136-3150.	3.3	42
34	Tetra(Î¼ ³ -hydroxo) bridged copper(II) tetranuclear cubane complexes: synthesis, crystal structure, and DNA binding studies. <i>Journal of Coordination Chemistry</i> , 2015, 68, 2240-2252.	2.2	8
35	Anion and solvent effects on the coordination behavior of N-(2-pyridinylmethylene)benzoylhydrazone with copper(II): synthesis and structural characterization. <i>Journal of Coordination Chemistry</i> , 2015, 68, 4255-4271.	2.2	12
36	A Domino Dielsâ€“Alder Approach toward the Tetracyclic Nicandrenone Framework. <i>Organic Letters</i> , 2015, 17, 5517-5519.	4.6	24

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37	[5]Radialene. <i>Journal of the American Chemical Society</i> , 2015, 137, 14653-14659.	13.7	29
38	Pseudopterosin synthesis from a chiral cross-conjugated hydrocarbon through a series of cycloadditions. <i>Nature Chemistry</i> , 2015, 7, 82-86.	13.6	72
39	A novel one-pot synthesis of symmetric dialkyl 2,5-bis((2,6-dimethylphenyl)imino)-2,5-dihydrofuran-3,4-dicarboxylate derivatives. <i>Research on Chemical Intermediates</i> , 2014, 40, 779-785.	2.7	3
40	Rapid Cascade Synthesis of Poly-Heterocyclic Architectures from Indigo. <i>Journal of Organic Chemistry</i> , 2013, 78, 7639-7647.	3.2	27
41	$\hat{\Gamma}^2$ -Oligofurans. <i>Chemical Science</i> , 2012, 3, 2133.	7.4	27
42	Preparation, Structure, and Reactivity of Dipalladium(I) Complexes Containing the Carbanion $2-C_6F_4PPh_2$: Coexistence of Distinct, Noninterconverting Head-to-Head [Dipalladium(0/II)] and Head-to-Tail [Dipalladium(I)] Species. <i>Organometallics</i> , 2012, 31, 5561-5572.	2.3	14
43	Synthesis and properties of the ivyanes: the parent 1,1-oligocyclopropanes. <i>Chemical Science</i> , 2011, 2, 229-232.	7.4	41
44	Bidentate Chelate Complexes of Palladium(II) with the Carbanion $2-C_6F_4PPh_2$ and Their Transformation into Complexes Containing Bridging $2-C_6F_4PPh_2$. <i>Organometallics</i> , 2011, 30, 3749-3762.	2.3	7
45	Unsymmetrically Substituted Butenyne-Iron(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2406-2414.	2.0	12
46	Improving intramolecular hydroamination Rh(i) and Ir(i) catalysts through targeted ligand modification. <i>New Journal of Chemistry</i> , 2010, 34, 1200.	2.8	14
47	Novel spiro and fused heterocycles from the allylation of indigo. <i>Tetrahedron Letters</i> , 2009, 50, 6947-6950.	1.4	18
48	Selective Cleavage by Acids of One Metal-Carbon Bond of a Bis(ortho-platinated) Triarylphosphane: A ^{31}P NMR Influence Series Based on the Unit $Pt(\eta^2-C_6H_3Me_2)(PPh_2)(PPh_2\eta^4-tol)$. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3467-3481.	2.0	16
49	Birchite, a new mineral from Broken Hill, New South Wales, Australia: Description and structure refinement. <i>American Mineralogist</i> , 2008, 93, 910-917.	1.9	7
50	A Triad of Bis(orthometalated) d^{8+} -Complexes Containing Four-Membered Rings. <i>Organometallics</i> , 2008, 27, 5361-5370.	2.3	25
51	THE SYNTHESIS OF 2-(BROMOMETHYLENE)CYCLOHEXANONE AND 2-(BROMOMETHYLENE)CYCLOHEPTANONE. <i>Organic Preparations and Procedures International</i> , 2005, 37, 93-98.	1.3	2
52	Binuclear Ten-Membered Ring Cyclometallated Complexes of Digold(I) and their Reactions with Iodine and Bromine. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2004, 59, 1563-1569.	0.7	9
53	New Second-Order Nonlinear Octupolar Materials. <i>Molecular Crystals and Liquid Crystals</i> , 2004, 415, 179-195.	0.9	11
54	Mixed-Metal Cluster Chemistry. 27. Coupling of Diphenylbuta-1,3-diyne and CO at Tungsten-Triiridium Cluster Cores. <i>Journal of Cluster Science</i> , 2004, 15, 291-300.	3.3	4

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55	(Ethene)bis(acetylacetonato) Complexes of Divalent and Trivalent Ruthenium. <i>Organometallics</i> , 2003, 22, 1018-1028.	2.3	30
56	Molecular bricklaying: the protonated benzimidazole moiety as a synthon for crystal engineering. <i>New Journal of Chemistry</i> , 2003, 27, 354-358.	2.8	40
57	Synthesis of bis[palladium(ii)] and bis[platinum(ii)] complexes containing chiral, linear quadridentate ligands with a P2N2 donor set. <i>Dalton Transactions RSC</i> , 2002, , 234.	2.3	13
58	Substituent effects in isoxazoles: identification of 4-substituted isoxazoles as Michael acceptors. <i>Perkin Transactions II RSC</i> , 2002, , 2031-2038.	1.1	9
59	Synthesis, crystal structures and magnetic properties of linear and bent trinuclear complexes formed by hexacyanometallates and copper(ii) complexes. <i>Dalton Transactions RSC</i> , 2002, , 3723-3730.	2.3	36
60	Preparation and reactivity of mononuclear platinum(0) complexes containing a η^2 -coordinated alkynylphosphine. <i>Dalton Transactions RSC</i> , 2002, , 226-233.	2.3	28
61	Indole-based mono- and poly-nuclear acyclic chelating systems: syntheses and selected transition metal complexes. <i>Dalton Transactions RSC</i> , 2001, , 1948-1958.	2.3	11
62	Carbon-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)-Gold(II) and Gold(I)-Gold(III). <i>Organometallics</i> , 2001, 20, 79-87.	2.3	40
63	Optically active asymmetric di(tertiary phosphines). Crystal and molecular structure of [SP-4-3-(SP,SaCS)]-1-[(2-chlorophenyl)methylphosphino]-2-(dimethylphosphino)benzene-P,PaCSaCS-1-[1-(dimethylamino)ethyl]hexafluorophosphate. <i>Dalton Transactions RSC</i> , 2001, , 1890-1896.	2.3	11
64	Template synthesis of amidine- and amide-functionalised cobalt(III) hexaaza cage complexes. <i>Dalton Transactions RSC</i> , 2000, , 2933-2938.	2.3	11
65	Formation of (Diphenylphosphino)naphthalenes by Double Insertion of (Alkynyl)diphenylphosphines into Nickel(0)-Benzynes Complexes. <i>Organometallics</i> , 2000, 19, 1522-1533.	2.3	39
66	Synthesis of chiral multidentate tertiary arsines with As4 or As6 donor atoms. <i>Dalton Transactions RSC</i> , 2000, , 3603-3608.	2.3	7
67	Complexes of platinum(II), platinum(IV), rhodium(III) and iridium(III) containing orthometallated triphenylphosphine. <i>Dalton Transactions RSC</i> , 2000, , 3537-3545.	2.3	45
68	Mononuclear gold(I) complex of a chiral tetra(tertiary phosphine). Crystal and molecular structure of [T-4-(RP*,RP*)-(A±)-1,2-bis[(2-diphenylphosphinophenyl)methylphosphino]benzene-P,PaCSaCS-gold(I) hexafluorophosphate. <i>Dalton Transactions RSC</i> , 2000, , 4487-4489.	2.3	7
69	Completely stereoselective synthesis of a chiral tetra(tertiary phosphine). Crystal and molecular structure of [OC-6-22-(R*,R*)-(A±)-dichloro{1,2-bis[(2-dimethylphosphinophenyl)methylphosphino]benzene-P,PaCSaCS,cobalt(III) hexafluorophosphate. <i>Dalton Transactions RSC</i> , 2000, , 1829-1830.	2.3	11
70	η^3 -Allylpalladium Complexes from Medium-Ring Cycloalkenes. <i>Organometallics</i> , 1998, 17, 1968-1983.	2.3	16
71	Dissociative and Nondissociative Pathways in the end-to-end isomerization of Tetramethyl-o-xylylene Complexes of Ruthenium and Osmium, ML3{1-4-o-C6Me4(CH2)2} (M = Ru, L = PMe3; M = Os, L = PMe3), <i>Tj ETQq1</i> 1, 0.784314 rgBT / <i>Organometallics</i> , 1998, 17, 3784-3797.	2.3	12
72	Selective Blocking of Coordination Modes in 1,3,5-Triamino-1,3,5-trideoxy-cis-inositol: Enforced Formation of a Low-Spin Iron(III) Hexamine Complex. <i>Inorganic Chemistry</i> , 1997, 36, 4121-4127.	4.0	9

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73	A New Glycoside Antimicrobial Agent from <i>Persoonia linearis</i> —pinifolia. <i>Journal of Natural Products</i> , 1997, 60, 620-622.	3.0	22
74	Synthesis and Structure of $[\text{Au}_5(\text{C}_6\text{H}_4\text{PPh}_2)_4]^+$: A Cycloaurated Cation Containing a Pair of Au^{I} -Carbon π -D π -Gold Interactions. <i>Inorganic Chemistry</i> , 1997, 36, 5670-5672.	4.0	23
75	Stereoselective Synthesis of a Phenylphosphido-Bridged Dimetallic Complex: Crystal and Molecular Structure of $[\text{Au}_2(\text{C}_6\text{H}_5\text{PPh})_2(\text{C}_4\text{H}_8\text{O})]^{2+}$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1989, 44, 1041-1046.	0.7	5
76	Dinuclear Complexes of Gold(I) Containing Bridging Cyclometalated Arylphosphane or Arylarsane Ligands. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 258-260.	4.4	57