

David Lewis Hughes

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7478257/david-lewis-hughes-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

87
papers

1,059
citations

18
h-index

28
g-index

93
ext. papers

1,212
ext. citations

3.8
avg, IF

4.52
L-index

#	Paper	IF	Citations
87	A thermally stable gold(III) hydride: synthesis, reactivity, and reductive condensation as a route to gold(II) complexes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10643-6	16.4	123
86	Multinuclear alkylaluminium macrocyclic Schiff base complexes: influence of procatalyst structure on the ring opening polymerisation of epsilon-caprolactone. <i>Chemical Communications</i> , 2008 , 4717-9	5.8	99
85	Ein thermisch stabiles Gold(III)-Hydrid: Synthese, Reaktivität und reduktive Kondensation als Weg zu Gold(II)-Komplexen. <i>Angewandte Chemie</i> , 2012 , 124, 10795-10798	3.6	46
84	Luminescent Gold(III) Thiolates: Supramolecular Interactions Trigger and Control Switchable Photoemissions from Bimolecular Excited States. <i>Chemistry - A European Journal</i> , 2017 , 23, 105-113	4.8	37
83	The synthesis, structure and catalytic activity of mono(salicylaldiminato) titanium complexes. <i>Dalton Transactions</i> , 2003 , 3480	4.3	35
82	Ethylene Polymerization Catalysis by Vanadium-Based Systems Bearing Sulfur-Bridged Calixarenes. <i>Organometallics</i> , 2011 , 30, 5620-5624	3.8	33
81	Synthesis and Structure of the Dimethyl Sulfide Adducts of Mono- and Bis(pentafluorophenyl)borane. <i>Organometallics</i> , 2010 , 29, 2194-2197	3.8	33
80	New structural motifs in chromium(III) calix[4 and 6]arene chemistry. <i>Dalton Transactions</i> , 2009 , 1231-424.3	4.3	32
79	Vanadium(III) phenoxyimine complexes for ethylene or epsilon-caprolactone polymerization: mononuclear versus binuclear pre-catalysts. <i>Catalysis Science and Technology</i> , 2013 , 3, 152-160	5.5	27
78	Reactivity of Gold Hydrides: O Insertion into the Au-H Bond. <i>Organometallics</i> , 2015 , 34, 2098-2101	3.8	25
77	Synthesis, characterization, crystal structure, and DNA binding of two copper(II) hydrazone complexes. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 3335-3353	1.6	25
76	Carbon-sulfur bond formation by reductive elimination of gold(III) thiolates. <i>Dalton Transactions</i> , 2018 , 47, 6333-6343	4.3	21
75	(C ^N C)Au complexes of acyclic carbene ligands: synthesis and anticancer properties. <i>Dalton Transactions</i> , 2017 , 46, 13397-13408	4.3	21
74	Syntheses, characterization and crystal structures of two square-planar Ni(II) complexes with unsymmetrical tridentate Schiff base ligands and monodentate pseudohalides. <i>Transition Metal Chemistry</i> , 2009 , 34, 269-274	2.1	21
73	Thermally Stable Gold(III) Alkene and Alkyne Complexes: Synthesis, Structures, and Assessment of the trans-Influence on Gold-Ligand Bond Enthalpies. <i>Chemistry - A European Journal</i> , 2018 , 24, 11467-11474	4.8	21
72	Naphthoquinones of <i>Sinningia reitzii</i> and Anti-inflammatory/Antinociceptive Activities of 8-Hydroxydehydrodunnione. <i>Journal of Natural Products</i> , 2017 , 80, 1837-1843	4.9	20
71	Chiral Brønsted Acid-Catalyzed Asymmetric Synthesis of N-Aryl-cis-aziridine Carboxylate Esters. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 5322-5326	16.4	20

70	Cationic Brønsted Acids for the Preparation of SnIV Salts: Synthesis and Characterisation of [Ph ₃ Sn(OEt ₂)](H ₂ N{B(C ₆ F ₅) ₃ }) ₂ , [Sn(NMe ₂) ₃ (HNMe ₂) ₂][B(C ₆ F ₅) ₄] and [Me ₃ Sn(HNMe ₂) ₂][B(C ₆ F ₅) ₄]. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 3211-3220	2.3	20
69	"Janus" Calixarenes: Double-Sided Molecular Linkers for Facile, Multianchor Point, Multifunctional, Surface Modification. <i>Langmuir</i> , 2016 , 32, 7806-13	4	18
68	Structural studies of Schiff-base [2 + 2] macrocycles derived from 2,2'-oxydianiline and the ROP capability of their organoaluminium complexes. <i>Dalton Transactions</i> , 2016 , 45, 11990-2005	4.3	18
67	The synthesis of half-sandwich bis(pentafluorophenyl)boryl-substituted cyclopentadienyl zirconium, niobium and tantalum complexes and the isolation and molecular structure of a zwitterionic niobocene. <i>Dalton Transactions</i> , 2003 , 1779-1789	4.3	18
66	Effects of Decavanadate Salts with Organic and Inorganic Cations on Escherichia coli, Giardia intestinalis, and Vero Cells. <i>Inorganic Chemistry</i> , 2018 , 57, 11930-11941	5.1	18
65	One-pot conversion of tetraaminodiphenols to diiminodiaminodiphenols via methyl transfer at aluminium. <i>Supramolecular Chemistry</i> , 2009 , 21, 35-43	1.8	16
64	Synthesis of meso-substituted subphthalocyanine-subporphyrin hybrids: boron subtribenzodiazaporphyrins. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7510-4	16.4	15
63	X-Ray crystallographic studies of three substituted indium(III) phthalocyanines: effect of ring substitution and the axial ligand on molecular geometry and packing. <i>Journal of Materials Chemistry</i> , 2005 , 15, 168		15
62	Formation of Gold(III) Alkyls from Gold Alkoxide Complexes. <i>Organometallics</i> , 2017 , 36, 1358-1364	3.8	14
61	Fixing the Conformation of Calix[4]arenes: When Are Three Carbons Not Enough?. <i>Chemistry - A European Journal</i> , 2018 , 24, 4436-4444	4.8	14
60	Synthesis and crystal structure determination of copper(II) and iron(III) complexes of 2-(2-pyridyl)benzothiazole. <i>Transition Metal Chemistry</i> , 2009 , 34, 85-89	2.1	14
59	Synthesis, structural properties, electrophilic substitution reactions and DFT computational studies of calix[3]benzofurans. <i>RSC Advances</i> , 2016 , 6, 50808-50817	3.7	12
58	Induction of Planar Chirality Using Asymmetric Click Chemistry by a Novel Desymmetrisation of 1,3-Bisalkynyl Ferrocenes. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 7218-7222	3.2	11
57	Stereoselective Synthesis of All Possible Phosferrox Ligand Diastereoisomers Displaying Three Elements of Chirality: Stereochemical Optimization for Asymmetric Catalysis. <i>Journal of Organic Chemistry</i> , 2020 , 85, 4838-4847	4.2	10
56	The Remarkable Solvent-Dependent Crystallization of the Mono- and Bis(4-pyrrol-1-ylbenzotrile) Adducts of Bis(pentafluorophenyl)zinc. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 4037-4041	2.3	10
55	First COVID-19 molecular docking with a chalcone-based compound: synthesis, single-crystal structure and Hirshfeld surface analysis study. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2020 , 76, 1043-1050	0.8	10
54	The crystal structure of potassium (1S)-D-galactit-1-ylsulfonate. <i>Carbohydrate Research</i> , 2010 , 345, 2705-89		9
53	Rhenium Calix[4]arenes: Precursors to Novel Imaging and Cancer Therapy Agents. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 2698-2712	2.3	9

52	Seven-Coordinate Tb Complexes with 90% Quantum Yields: High-Performance Examples of Combined Singlet- and Triplet-to-Tb Energy-Transfer Pathways. <i>Inorganic Chemistry</i> , 2021 , 60, 892-907	5.1	9
51	Promoting a Significant Increase in the Photoluminescence Quantum Yield of Terbium(III) Complexes by Ligand Modification. <i>Inorganic Chemistry</i> , 2019 , 58, 12099-12111	5.1	8
50	Zwitterionic Mixed-Carbene Coinage Metal Complexes: Synthesis, Structures, and Photophysical Studies. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 4234-4240	2.3	8
49	Synthesis, crystal structure and complexation behaviour of a thiacalix[4]arene bearing 1,2,3-triazole groups. <i>Supramolecular Chemistry</i> , 2011 , 23, 689-695	1.8	8
48	A Rare Example of Four-Coordinate Nonoxido Vanadium(IV) Alkoxide in the Solid State: Structure, Spectroscopy, and Magnetization Dynamics. <i>Inorganic Chemistry</i> , 2018 , 57, 11393-11403	5.1	8
47	Crystal structure of an eight-coordinate terbium(III) ion chelated by N,N'-bis-(2-hydroxy-benz-yl)-N,N'-bis-(pyridin-2-ylmeth-yl)ethyl-enedi-amine (bbpen(2-)) and nitrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 65-8	0.7	7
46	Do Gold(III) Complexes Form Hydrogen Bonds? An Exploration of Au Dicarboranyl Chemistry. <i>Chemistry - A European Journal</i> , 2020 , 26, 939-947	4.8	7
45	Synthesis, crystal structure, and cytotoxicity studies of titanacalix[4 and 8]arene complexes. <i>Dalton Transactions</i> , 2018 , 47, 8992-8999	4.3	6
44	Synthesis and inclusion properties of C ₃ -symmetric triazole derivatives based on hexahomotrioxacalix[3]arene. <i>New Journal of Chemistry</i> , 2012 , 36, 2580	3.6	6
43	Allene-derived gold and platinum complexes: synthesis and first applications in catalysis. <i>Dalton Transactions</i> , 2020 , 49, 4034-4038	4.3	5
42	An Oxalate-Bridged Copper(II) Complex Combining Monodentate Benzoate, 2,2'-bipyridine and Aqua Ligands: Synthesis, Crystal Structure and Investigation of Magnetic Properties. <i>Molecules</i> , 2020 , 25,	4.8	5
41	Reactivity of Ligand-Free Au ⁺ : C≡C and C=C Activation versus C-C Coordination. <i>Organometallics</i> , 2012 , 31, 2534-2537	3.8	5
40	Sodium (1R)-d-glucit-1-yl-sulfonate monohydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, m377-8		5
39	Arylzinkkomplexe als Initiatoren zur Herstellung von Isobuten-Copolymeren mit hohem Isoprengehalt. <i>Angewandte Chemie</i> , 2004 , 116, 2218-2222	3.6	5
38	Application of Transmetalation to the Synthesis of Planar Chiral and Chiral-at-Metal Iridacycles. <i>Organometallics</i> , 2019 , 38, 1099-1107	3.8	5
37	Enantiopure Planar Chiral and Chiral-at-Metal Iridacycles Derived from Bulky Cobalt Sandwich Complexes. <i>Organometallics</i> , 2018 , 37, 4204-4212	3.8	5
36	Crystal structures of two deca-vanadates(V) with penta-aqua-manganese(II) pendant groups: (NMe ₄) ₂ [V ₁₀ O ₂₈ {Mn(H ₂ O) ₅ } ₂] ₂ ·2H ₂ O and [NH ₃ C(CH ₂ OH) ₃] ₂ [V ₁₀ O ₂₈ {Mn(H ₂ O) ₅ } ₂] ₂ ·2H ₂ O. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 146-50	0.7	4
35	Planar chiral palladacycle precatalysts for asymmetric synthesis. <i>Organic and Biomolecular Chemistry</i> , 2020 , 18, 5466-5472	3.9	4

34	Hydride Transfer to Gold: Yes or No? Exploring the Unexpected Versatility of Au-H-M Bonding in Heterobimetallic Dihydrides. <i>Chemistry - A European Journal</i> , 2020 , 26, 8267-8280	4.8	4
33	Unusual Nucleophilic Addition of Grignard Reagents in the Synthesis of 4-Amino-pyrimidines. <i>ACS Omega</i> , 2018 , 3, 8937-8944	3.9	4
32	Ferrocenyloxazoline-Derived Planar Chiral Palladacycles: C-H Activation, Transmetalation, and Reversal of Diastereoselectivity. <i>Organometallics</i> , 2019 , 38, 4271-4279	3.8	4
31	Complementary Syntheses Giving Access to a Full Suite of Differentially Substituted Phthalocyanine-Porphyrin Hybrids. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7632-7636	16.4	4
30	Chiral Brønsted Acid-Catalyzed Asymmetric Synthesis of N-Aryl-cis-aziridine Carboxylate Esters. <i>Angewandte Chemie</i> , 2017 , 129, 5406-5410	3.6	3
29	Methyl Ester Functionalized Phenalenyl Arene- and Bipyridine-Ruthenium-Based Complexes for Electroactive Langmuir-Blodgett Films. <i>Inorganic Chemistry</i> , 2019 , 58, 8408-8418	5.1	3
28	H activation by zirconaziridinium ions: C-H bond metathesis versus frustrated Lewis pair reactivity. <i>Chemical Communications</i> , 2020 , 56, 2542-2545	5.8	3
27	Synthesis of Meso-Substituted Subphthalocyanine-Subporphyrin Hybrids: Boron Subtribenzodiazaporphyrins. <i>Angewandte Chemie</i> , 2015 , 127, 7620-7624	3.6	3
26	Crystal structure of potassium (1R)-d-ribo-1-yl-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, 406-9		3
25	Stability in solution and chemoprotection by octadecavanadates(IV/V) in E. coli cultures. <i>Journal of Inorganic Biochemistry</i> , 2021 , 219, 111438	4.2	3
24	Open-resorcinarenes, a new family of multivalent scaffolds. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 10161-10164	3.9	3
23	Coordination chemistry of [2 + 2] Schiff-base macrocycles derived from the dianilines [(2-NHCH)X] (X = CHCH, O): structural studies and ROP capability towards cyclic esters. <i>Dalton Transactions</i> , 2021 , 50, 8057-8069	4.3	3
22	Straightforward and Controlled Synthesis of Porphyrin-Phthalocyanine-Porphyrin Heteroleptic Triple-Decker Assemblies. <i>Chemistry - A European Journal</i> , 2020 , 26, 10724-10728	4.8	2
21	Synthesis and crystal structure of a new pyridinium bromide salt: 4-methyl-1-(3-phen-oxy-prop-yl)pyridinium bromide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1831-1834	0.7	2
20	Structural versatility driven by the flexible di(4-pyridyl) sulfide ligand: From cobalt(II) single-ion magnets to sheet-like copper(II) weak antiferromagnets. <i>Polyhedron</i> , 2019 , 171, 203-211	2.7	2
19	Crystal structure of a 1,1,2-tetra-chloro-ethane-solvated hydrazinecarbo-thio-amide compound. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 1271-1274	0.7	2
18	Crystal structure of sodium (1S)-d-lyxit-1-yl-sulfonate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 628-31	0.7	2
17	Synthesis, Mechanism Elucidation and Biological Insights of Tellurium(IV)-Containing Heterocycles. <i>Chemistry - A European Journal</i> , 2021 , 27, 14427-14437	4.8	2

16	Cobalt(II) chloride adducts with acetonitrile, propan-2-ol and tetrahydrofuran: considerations on nuclearity, reactivity and synthetic applications. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017 , 73, 104-114	0.8	1
15	Crystal structures of two mononuclear complexes of terbium(III) nitrate with the tripodal alcohol 1,1,1-tris-(hydroxy-methyl)propane. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017 , 73, 278-285	0.7	1
14	Crystal structure of 1-heptylpyridazin-1-ium iodide, C ₁₁ H ₁₉ N ₂ I. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018 , 233, 739-741	0.2	1
13	New Heteronuclear Supramolecular Assemblies Based on a Robson-Type Macrocyclic: Structure and Spectroscopic Properties. <i>Journal of Chemical Crystallography</i> , 2018 , 48, 200-208	0.5	1
12	Crystal structure of potassium (1S)-d-lyxit-1-yl-sulfonate monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 993-6	0.7	1
11	Crystal structure of 4-methyl-2,6,7-trioxa-1-phosphabi-cyclo-[2.2.2]octa-ene. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016 , 72, 1021-4	0.7	1
10	Crystal structure of 1-nonylpyridazin-1-ium iodide, C ₁₃ H ₂₃ N ₂ I. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019 , 234, 857-859	0.2	1
9	Crystal structure of sodium (1S)-d-mannit-1-yl-sulfonate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018 , 74, 1314-1318	0.7	0
8	The Intricate Determination of Magnetic Anisotropy in Quasi-octahedral Vanadium(III): An HF-EPR and Magnetic Study. <i>Applied Magnetic Resonance</i> , 2020 , 51, 1233-1250	0.8	0
7	Copper(I) Complexes of P-Stereogenic Josiphos and Related Ligands. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 2719-2725	3.2	0
6	Crystal structure of (E)-1-{2-[(5,5-dimethyl-1,3,2-dioxaphosphinan-2-yl)-oxy]naphthalen-1-yl}-N-(4-fluoro-phen-yl)methanimine. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, 85-7	0.7	0
5	Synthesis and crystal structure of bis(furan-2-ylmethaniminium)-catena-[bis(2-phthalato-2O:O)cobalt(II)], C ₂₆ H ₂₄ CoN ₂ O ₁₀ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018 , 233, 705-707	0.2	0
4	A new route for the synthesis of phosphate esters: 2,2'-[benzene-1,2-diylbis(oxy)]bis(5,5-dimethyl-1,3,2-dioxaphosphinane) 2,2'-dioxide. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2015 , 71, 1037-41	0.8	0
3	(2E)-N-(2-iodo-4,6-dimethylphenyl)-2-methylbut-2-enamide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2008 , 64, 07-9	0.2	0
2	Complementary Syntheses Giving Access to a Full Suite of Differentially Substituted Phthalocyanine-Porphyrin Hybrids. <i>Angewandte Chemie</i> , 2021 , 133, 7710-7714	3.6	0
1	Synthesis and crystal structure of 1,3-bis[(3,4-dicyano)phenoxy]-4,6-dinitro-benzene, C ₂₂ H ₈ N ₆ O ₆ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2018 , 233, 853-855	0.2	0