

Ian A Fallis

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,168
citations

361413

20
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

1366
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Expanded Ring N-Heterocyclic Carbenes: Free Carbenes, Silver Complexes, And Structures. <i>Organometallics</i> , 2008, 27, 3279-3289.	2.3	231
2	First Examples of Diazepanylidene Carbenes and Their Late-Transition-Metal Complexes. <i>Organometallics</i> , 2007, 26, 4800-4809.	2.3	121
3	Expanded ring and functionalised expanded ring N-heterocyclic carbenes as ligands in catalysis. <i>Dalton Transactions</i> , 2009, , 7099.	3.3	93
4	Synthesis and Structural Features of Rhodium Complexes of Expanded Ring N-Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1913-1919.	2.0	72
5	Donor-Functionalised Expanded Ring N-Heterocyclic Carbenes: Highly Effective Ligands in Ir-Catalysed Transfer Hydrogenation. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5426-5431.	2.0	61
6	A Ball-Milling-Enabled Reformatsky Reaction. <i>ChemSusChem</i> , 2019, 12, 2554-2557.	6.8	54
7	Locus-Specific Microemulsion Catalysts for Sulfur Mustard (HD) Chemical Warfare Agent Decontamination. <i>Journal of the American Chemical Society</i> , 2009, 131, 9746-9755.	13.7	41
8	A Mechanochemical Zinc-Mediated Barbier-Type Allylation Reaction under Ball-Milling Conditions. <i>Journal of Organic Chemistry</i> , 2020, 85, 2347-2354.	3.2	41
9	Targeted cell imaging properties of a deep red luminescent iridium(III) complex conjugated with a c-Myc signal peptide. <i>Chemical Science</i> , 2020, 11, 1599-1606.	7.4	36
10	A concise synthesis of a rigid isomannide-based diphosphine ligand and structural characterisation of an alkoxyphosphonium intermediate Electronic Supplementary Information (ESI) available: characterisation data for 2, 4, ddppm and ddppg (including structural data for ddppg), experimental for hydrogenation reactions.. <i>Chemical Communications</i> , 2004, , 1236.	4.1	34
11	Direct Observation of Enantiomer Discrimination of Epoxides by Chiral Salen Complexes Using ENDOR. <i>Journal of the American Chemical Society</i> , 2004, 126, 15660-15661.	13.7	30
12	Chiral Silver and Gold Rings: Synthesis and Structural, Spectroscopic, and Photophysical Properties of Ag and Au Metallamacrocycles of Bridging NHC Ligands. <i>Organometallics</i> , 2011, 30, 2553-2562.	2.3	30
13	Sterically Encumbered Iridium Bis(N-heterocyclic carbene) Complexes: Air-Stable 14-Electron Cations and Facile Degenerate C-H Activation. <i>Organometallics</i> , 2012, 31, 8075-8078.	2.3	27
14	Ligand-Tuneable, Red-Emitting Iridium(III) Complexes for Efficient Triplet-Triplet Annihilation Upconversion Performance. <i>Chemistry - A European Journal</i> , 2018, 24, 8577-8588.	3.3	27
15	Expanded-Ring and Backbone-Functionalised N-Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1604-1607.	2.0	24
16	Telomerisation of long-chain dienes with alcohols using Pd(IMes)(dvds) catalyst. <i>Green Chemistry</i> , 2010, 12, 866.	9.0	22
17	Structure-property relationships in metallosurfactants. <i>Soft Matter</i> , 2010, 6, 1981.	2.7	22
18	Convenient syntheses of cyanuric chloride-derived NHC ligands, their Ag(I) and Au(I) complexes and antimicrobial activity. <i>Dalton Transactions</i> , 2013, 42, 12370.	3.3	20

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19	Anion Recognition by Highly Sterically Encumbered 1,2-Diborylferrocenes. <i>Organometallics</i> , 2010, 29, 4762-4765.	2.3	17
20	Exploring the cellular uptake and localisation of phosphorescent rhenium <i>fac</i> -tricarbonyl metallosurfactants as a function of lipophilicity. <i>Dalton Transactions</i> , 2018, 47, 14241-14253.	3.3	15
21	Conformational changes of an oxovanadium complex probed by ENDOR spectroscopy and DFT calculations. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 4937-4943.	2.8	14
22	Divalent first-row transition metal complexes of the rigid pendant-arm ligand 1,4,7-tris(2-aminophenyl)-1,4,7-triazacyclononane. <i>Dalton Transactions RSC</i> , 2000, , 3632-3639.	2.3	13
23	Coordination chemistry of macrocyclic ligands. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2002, 98, 321-368.	0.8	13
24	Anion binding by multidentate Lewis acids: a DFT study. <i>Chemical Communications</i> , 2001, , 231-232.	4.1	10
25	Towards dual SPECT/optical bioimaging with a mitochondrial targeting, ^{99m} Tc(i) radiolabelled 1,8-naphthalimide conjugate. <i>Dalton Transactions</i> , 2020, 49, 511-523.	3.3	10
26	EPR/ENDOR and Computational Study of Outer Sphere Interactions in Copper Complexes of Phenolic Oximes. <i>Inorganic Chemistry</i> , 2015, 54, 8465-8473.	4.0	9
27	Polarizability anisotropies of cyano-substituted azulene, biphenyl, 2,2'-bipyridyl and naphthalene. <i>Molecular Physics</i> , 1999, 97, 913-918.	1.7	7
28	A Pulsed EPR and DFT Investigation of the Stabilization of Coordinated Phenoxyl Radicals in a Series of Cobalt Schiff-Base Complexes. <i>Applied Magnetic Resonance</i> , 2010, 37, 289-303.	1.2	6
29	Virucidal Action Mechanism of Alcohol and Divalent Cations Against Human Adenovirus. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 570914.	3.5	6
30	Coordination chemistry of macrocyclic ligands. <i>Annual Reports on the Progress of Chemistry Section A</i> , 2001, 97, 331-369.	0.8	4
31	Interfacial activity and micellar morphology of an imidazolium ring containing zwitterionic surfactants. <i>Journal of Surfactants and Detergents</i> , 2022, 25, 341-350.	2.1	3
32	A contrast variation small-angle scattering study of the microstructure of 2,5-dimethyl-7-hydroxy-2,5-diazaheptadecane-toluene-butanol oil-in-water metallomicroemulsions. <i>Soft Matter</i> , 2010, 6, 2552.	2.7	2