

Philip w Miller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6412304/publications.pdf>

Version: 2024-02-01

51
papers

2,614
citations

236925

25
h-index

182427

51
g-index

58
all docs

58
docs citations

58
times ranked

3205
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of carbon-11 radiolabelled transition metal complexes using ¹¹ C-dithiocarbamates. Dalton Transactions, 2022, 51, 5004-5008.	3.3	3
2	N-Centered Tripodal Phosphine Re(V) and Tc(V) Oxo Complexes: Revisiting a [3 + 2] Mixed-Ligand Approach. Inorganic Chemistry, 2022, 61, 8000-8014.	4.0	3
3	Synthesis and characterisation of a range of Fe, Co, Ru and Rh triphos complexes and investigations into the catalytic hydrogenation of levulinic acid. Journal of Organometallic Chemistry, 2021, 935, 121650.	1.8	8
4	Rapid formation of 2-lithio-1-(triphenylmethyl)imidazole and substitution reactions in flow. Reaction Chemistry and Engineering, 2021, 6, 2018-2023.	3.7	3
5	Thermal Stability and Explosive Hazard Assessment of Diazo Compounds and Diazo Transfer Reagents. Organic Process Research and Development, 2020, 24, 67-84.	2.7	166
6	Synthesis and crystallographic characterisation of a homologous series of bis-tridentate phosphine oxide NP3O3 Fe(II), Co(II), Ni(II) and Cu(II) complexes. Inorganica Chimica Acta, 2020, 512, 119870.	2.4	1
7	On the Use of Differential Scanning Calorimetry for Thermal Hazard Assessment of New Chemistry: Avoiding Explosive Mistakes. Angewandte Chemie, 2020, 132, 15930-15934.	2.0	5
8	On the Use of Differential Scanning Calorimetry for Thermal Hazard Assessment of New Chemistry: Avoiding Explosive Mistakes. Angewandte Chemie - International Edition, 2020, 59, 15798-15802.	13.8	30
9	Cobalt(- ⁱ) triphos dinitrogen complexes: activation and silyl-functionalisation of N ₂ . Chemical Communications, 2019, 55, 6579-6582.	4.1	14
10	Emerging porous materials in confined spaces: from chromatographic applications to flow chemistry. Chemical Society Reviews, 2019, 48, 2566-2595.	38.1	103
11	Diazo-Transfer Reagent 2-Azido-4,6-dimethoxy-1,3,5-triazine Displays Highly Exothermic Decomposition Comparable to Tosyl Azide. Journal of Organic Chemistry, 2019, 84, 5893-5898.	3.2	16
12	Antibody Fragment and Affibody ImmunoPET Imaging Agents: Radiolabelling Strategies and Applications. ChemMedChem, 2018, 13, 2466-2478.	3.2	77
13	Ammonium [¹¹ C]thiocyanate: revised preparation and reactivity studies of a versatile nucleophile for carbon-11 radiolabelling. MedChemComm, 2018, 9, 1311-1314.	3.4	13
14	Synthesis and reactivity of an N-triphos Mo(0) dinitrogen complex. Dalton Transactions, 2018, 47, 11386-11396.	3.3	12
15	Facile Preparation of Drug-Loaded Tristearin Encapsulated Superparamagnetic Iron Oxide Nanoparticles Using Coaxial Electrospray Processing. Molecular Pharmaceutics, 2017, 14, 2010-2023.	4.6	55
16	Triphosphine Ligands: Coordination Chemistry and Recent Catalytic Applications. Structure and Bonding, 2016, , 31-61.	1.0	7
17	Homogeneous Catalyzed Reactions of Levulinic Acid: To Î³-Valerolactone and Beyond. ChemSusChem, 2016, 9, 2037-2047.	6.8	120
18	Synthesis and pre-clinical evaluation of a [18F]fluoromethyl-tanaproget derivative for imaging of progesterone receptor expression. RSC Advances, 2016, 6, 57569-57579.	3.6	8

#	ARTICLE	IF	CITATIONS
19	Insight into the stereoelectronic parameters of N-triphos ligands via coordination to tungsten(0). Dalton Transactions, 2016, 45, 5536-5548.	3.3	13
20	Carbon-11 Radiolabelling of Organosulfur Compounds: ¹¹ C Synthesis of the Progesterone Receptor Agonist Tanaproget. Chemistry - A European Journal, 2015, 21, 9034-9038.	3.3	25
21	Catalytic Transformation of Levulinic Acid to 2-Methyltetrahydrofuran Using Ruthenium-N-Triphos Complexes. ACS Catalysis, 2015, 5, 2500-2512.	11.2	102
22	A catalytic chiral gel microfluidic reactor assembled via dynamic covalent chemistry. Chemical Science, 2015, 6, 2292-2296.	7.4	47
23	Beyond Triphos – New hinges for a classical chelating ligand. Coordination Chemistry Reviews, 2015, 299, 39-60.	18.8	21
24	The Synthesis, Characterization and Reactivity of a Series of Ruthenium N-triphos-Ph Complexes. Journal of Visualized Experiments, 2015, , .	0.3	2
25	Transition metal mediated [¹¹ C]carbonylation reactions: recent advances and applications. Journal of Labelled Compounds and Radiopharmaceuticals, 2014, 57, 195-201.	1.0	66
26	Microfluidic Hydrogenation Reactions by using a Channel-Supported Rhodium Catalyst. ChemCatChem, 2014, 6, 1199-1203.	3.7	5
27	Surface modification of supramolecular nanotubes and selective guest capture. New Journal of Chemistry, 2014, 38, 3755-3761.	2.8	5
28	A dynamic covalent imine gel as a luminescent sensor. Chemical Communications, 2014, 50, 11942-11945.	4.1	56
29	Synthesis, Characterization, and Reactivity of Ruthenium Hydride Complexes of N-Centered Triphosphine Ligands. Inorganic Chemistry, 2014, 53, 3742-3752.	4.0	31
30	[¹¹ C]Carbon Disulfide: A Versatile Reagent for PET Radiolabelling. Chemistry - A European Journal, 2012, 18, 433-436.	3.3	28
31	Gas-Liquid Segmented Flow Microfluidics for Screening Pd-Catalyzed Carbonylation Reactions. Chemistry - A European Journal, 2012, 18, 2768-2772.	3.3	38
32	Binding and photodissociation of CO in iron(ii) complexes for application in positron emission tomography (PET) radiolabelling. Dalton Transactions, 2011, 40, 6210.	3.3	17
33	Rapid carbonylative coupling reactions using palladium(i) dimers: applications to ¹¹ CO-radiolabelling for the synthesis of PET tracers. Organic and Biomolecular Chemistry, 2011, 9, 3499.	2.8	30
34	Ruthenium-catalysed hydrogenation of esters using tripodal phosphine ligands. Journal of Molecular Catalysis A, 2011, 346, 70-78.	4.8	49
35	N-heterocyclic carbenes as ligands in palladium-mediated [¹¹ C]radiolabelling of [¹¹ C]amides for positron emission tomography. Journal of Labelled Compounds and Radiopharmaceuticals, 2011, 54, 135-139.	1.0	9
36	Rapid Carbon-11 Radiolabelling for PET Using Microfluidics. Chemistry - A European Journal, 2011, 17, 460-463.	3.3	65

#	ARTICLE	IF	CITATIONS
37	The preparation of multimetallic complexes using sterically bulky N-centred tripodal dialkyl phosphino ligands. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1138-1145.	1.8	25
38	Application of Microfluidics to the Ultra-Rapid Preparation of Fluorine-18 Labelled Compounds. <i>Current Radiopharmaceuticals</i> , 2010, 3, 254-262.	0.8	25
39	Radiolabelling with short-lived PET (positron emission tomography) isotopes using microfluidic reactors. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 309-315.	3.2	53
40	Synthesis, characterisation and coordination chemistry of a new multidentate P ₂ N ₄ ligand system. <i>Dalton Transactions</i> , 2009, , 5284.	3.3	5
41	Copper(i) scorpionate complexes and their application in palladium-mediated [¹¹ C]carbonylation reactions. <i>Chemical Communications</i> , 2009, , 3696.	4.1	64
42	Synthesis of ¹¹ C, ¹⁸ F, ¹⁵ O, and ¹³ N Radiolabels for Positron Emission Tomography. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8998-9033.	13.8	805
43	ScorpoPhos: a novel phosphine-nitrogen ligand containing a tris(pyrazolyl)borate ligand core. <i>Dalton Transactions</i> , 2008, , 2677.	3.3	13
44	The Cyclic σ -Silver-Diphosphine Motif [Ag ₂ (μ -diphosphine) ₂] ²⁺ as a Synthone for Building up Larger Structures. <i>Inorganic Chemistry</i> , 2008, 47, 8367-8379.	4.0	31
45	Variable coordination behaviour of pyrazole-containing N,P and N,P(O) ligands towards palladium(ii). <i>Dalton Transactions</i> , 2007, , 2823.	3.3	18
46	Steric control over the formation of cis and trans bis-chelated palladium(ii) complexes using a new series of flexible N,P pyridyl-phosphine ligands. <i>Dalton Transactions</i> , 2007, , 4556.	3.3	10
47	Rapid Multiphase Carbonylation Reactions by Using a Microtube Reactor: Applications in Positron Emission Tomography ¹¹ C-Radiolabeling. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2875-2878.	13.8	114
48	Rapid formation of amides via carbonylative coupling reactions using a microfluidic device. <i>Chemical Communications</i> , 2006, , 546-548.	4.1	83
49	Polar Self-Assembly: Steric Effects Leading to Polar Mixed-Ligand Coordination Cages. <i>Chemistry - A European Journal</i> , 2006, 12, 2448-2453.	3.3	42
50	ROP relationships between coordination polymers and discrete complexes: discrete bowl-shaped isomers of a 2-dimensional {M ₄ L ₃ } _n polymer. <i>CrystEngComm</i> , 2004, 6, 408.	2.6	38
51	Assembly of a coordination cage with four aromatic channel receptors on the outside. <i>Chemical Communications</i> , 2002, , 2008-2009.	4.1	21