

Martin J Hanton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2886756/publications.pdf>

Version: 2024-02-01

29
papers

1,035
citations

471509

17
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	Ethylene Tetramerization with Cationic Chromium(I) Complexes. <i>Organometallics</i> , 2007, 26, 2782-2787.	2.3	124
2	Indenyl- and Fluorenyl-Functionalized N-Heterocyclic Carbene Complexes of Titanium, Zirconium, Vanadium, Chromium, and Yttrium. <i>Organometallics</i> , 2007, 26, 3762-3770.	2.3	96
3	A Stable Ruthenium Catalyst for Productive Olefin Metathesis. <i>Organometallics</i> , 2004, 23, 4824-4827.	2.3	78
4	Rigid N-Phosphino Guanidine P,N Ligands and Their Use in Nickel-Catalyzed Ethylene Oligomerization. <i>Organometallics</i> , 2008, 27, 5082-5087.	2.3	78
5	Ethylene Oligomerization Using First-Row Transition Metal Complexes Featuring Heterocyclic Variants of Bis(imino)pyridine Ligands. <i>Organometallics</i> , 2009, 28, 4852-4867.	2.3	71
6	C-Substituted Bis(diphenylphosphino)methane-Type Ligands for Chromium-Catalyzed Selective Ethylene Oligomerization Reactions. <i>Organometallics</i> , 2009, 28, 4613-4616.	2.3	58
7	Exploring the coordination chemistry and reactivity of dialkylamino- and bis(dialkylamino)-phosphines in the coordination sphere of metals. <i>Dalton Transactions</i> , 2003, , 104-113.	3.3	57
8	A 1,1-ferrocenyl phosphine-borane: synthesis, structure and evaluation in Rh-catalyzed hydroformylation. <i>New Journal of Chemistry</i> , 2010, 34, 1556.	2.8	49
9	Ruthenium-catalysed hydrogenation of esters using tripodal phosphine ligands. <i>Journal of Molecular Catalysis A</i> , 2011, 346, 70-78.	4.8	49
10	Phosphanyl Methanimine (PCN) Ligands for the Selective Trimerization/Tetramerization of Ethylene with Chromium. <i>ACS Catalysis</i> , 2015, 5, 7095-7098.	11.2	44
11	A tripodal sulfur ligand for the selective ruthenium-catalysed hydrogenation of dimethyl oxalate. <i>Chemical Communications</i> , 2006, , 2289.	4.1	41
12	Bis(imino)pyridine Complexes of the First-Row Transition Metals: Alternative Methods of Activation. <i>Organometallics</i> , 2008, 27, 5712-5716.	2.3	40
13	Accessing Alkyl- and Alkenylcyclopentanes from Cr-Catalyzed Ethylene Oligomerization Using 2-Phosphinophosphinine Ligands. <i>Organometallics</i> , 2018, 37, 1062-1073.	2.3	32
14	Indenyl Functionalized N-Heterocyclic Carbene Complexes of Chromium: Syntheses, Structures, and Reactivity Studies Relevant to Ethylene Oligomerization and Polymerization. <i>Organometallics</i> , 2012, 31, 1643-1652.	2.3	30
15	Formation of [Cr(CO) ₂ (Ph) ₂ PN(<i>i</i> -Pr)PPh ₂] ⁺ Structural Isomers by Reaction of Triethylaluminum with a Chromium <i>N,N</i> -Bis(diarylphosphino)amine Complex [Cr(CO) ₄ (Ph) ₂ PN(<i>i</i> -Pr)PPh ₂] ⁺ : An EPR and DFT Investigation. <i>Organometallics</i> , 2013, 32, 1924-1931.	2.3	21
16	Diphenylphosphino(phenyl pyridin-2-yl methylene)amine palladium(II) complexes: Chemoselective alkene hydrocarboxylation initiators. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5264-5281.	1.8	19
17	Intramolecular Formation of a Cr ^I (bis-arene) Species via TEA Activation of [Cr(CO) ₄ (Ph) ₂ PC ₃ H ₆] ⁺ : An EPR and DFT Investigation. <i>Organometallics</i> , 2011, 30, 4505-4508.	2.3	19
18	Exploring the reactivity of tungsten bis(imido) dimethyl complexes with methyl aluminium reagents: implications for ethylene dimerization. <i>Dalton Transactions</i> , 2010, 39, 7038.	3.3	18

#	ARTICLE	IF	CITATIONS
19	Selective dimerisation of $\hat{I}\pm$ -olefins using tungsten-based initiators. Dalton Transactions, 2010, 39, 7025.	3.3	18
20	Angular Distortions at Benzylic Carbons Due to Intramolecular Polarization-Induced Metal $\hat{I}\pm$ -Arene Interactions: A Case Study with Open-Shell Chromium(II) NHC Complexes. Organometallics, 2013, 32, 1842-1850.	2.3	18
21	Application of molybdenum bis(imido) complexes in ethylene dimerisation catalysis. Dalton Transactions, 2012, 41, 5502.	3.3	14
22	Bis(alkylthioethyl)amine Complexes of Molybdenum. Organometallics, 2009, 28, 2417-2422.	2.3	12
23	Laser-induced fluorescence spectroscopy of the Ga $\hat{I}\pm$ -N ₂ cluster. Physical Chemistry Chemical Physics, 1999, 1, 2709-2714.	2.8	11
24	Bis(Imido) Tungsten Complexes: Efficient Precatalysts for the Homogeneous Dimerization of Ethylene. ACS Catalysis, 2018, 8, 11249-11263.	11.2	10
25	The $\hat{I}\pm$ -one-pot $\hat{I}\pm$ ™ syntheses of $\hat{I}\pm$, $\hat{I}\pm$ -diphosphino-substituted imines: a unique reaction of bulky bis(dialkylamino)chlorophosphines. New Journal of Chemistry, 2001, 25, 591-596.	2.8	9
26	Exploration of Homogeneous Ethylene Dimerization Mediated by Tungsten Mono(imido) Complexes. ACS Catalysis, 2018, 8, 11235-11248.	11.2	9
27	Additives boosting the performance of tungsten imido-mediated ethylene dimerization systems for industrial application. Chemical Communications, 2020, 56, 6886-6889.	4.1	6
28	Activated Niobium and Tantalum Imido Complexes: From Tuneable Polymerization to Selective Ethylene Dimerization Systems. ChemCatChem, 2019, 11, 1756-1764.	3.7	3
29	Selective dimerisation of 1-hexene mediated by aluminium alkyl chloride-activated tungsten imido complexes. Catalysis Science and Technology, 0, , .	4.1	1