

Orestes Rivada-Wheelaghan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7363282/publications.pdf>

Version: 2024-02-01

24
papers

1,069
citations

430874

18
h-index

580821

25
g-index

32
all docs

32
docs citations

32
times ranked

1342
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium Nanoparticles Stabilized by N-Heterocyclic Carbenes: Ligand Location and Influence on Reactivity. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12080-12084.	13.8	199
2	NHC-stabilized ruthenium nanoparticles as new catalysts for the hydrogenation of aromatics. <i>Catalysis Science and Technology</i> , 2013, 3, 99-105.	4.1	126
3	Synthesis and Reactivity of Iron Complexes with a New Pyrazine-Based Pincer Ligand, and Application in Catalytic Low-Pressure Hydrogenation of Carbon Dioxide. <i>Inorganic Chemistry</i> , 2015, 54, 4526-4538.	4.0	119
4	Selective (Cross)Dimerization of Terminal Alkynes Catalyzed by an Iron Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6942-6945.	13.8	98
5	Anionic Nickel(II) Complexes with Doubly Deprotonated PNP Pincer-Type Ligands and Their Reactivity toward CO ₂ . <i>Organometallics</i> , 2013, 32, 300-308.	2.3	79
6	T-Shaped Platinum(II) Complexes Stabilised by Bulky N-Heterocyclic Carbene Ligands. <i>Chemistry - A European Journal</i> , 2010, 16, 10323-10326.	3.3	56
7	Tuning N-Heterocyclic Carbenes in T-Shaped Pt ^{II} Complexes for Intermolecular C-H Bond Activation of Arenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3936-3939.	13.8	48
8	Characterization of a Paramagnetic, Mononuclear Pt(III)-Alkyl Complex Intermediate in Carbon-Halogen Bond Coupling Reactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 15261-15264.	13.7	29
9	Metal-metal cooperative bond activation by heterobimetallic alkyl, aryl, and acetylide Pt ^{II} /Cu ^I complexes. <i>Chemical Science</i> , 2020, 11, 5494-5502.	7.4	29
10	Selective (Cross)Dimerization of Terminal Alkynes Catalyzed by an Iron Complex. <i>Angewandte Chemie</i> , 2016, 128, 7056-7059.	2.0	28
11	Reactivity of Coordinatively Unsaturated Bis(N-heterocyclic carbene) Pt(II) Complexes toward H ₂ . Crystal Structure of a 14-Electron Pt(II) Hydride Complex. <i>Inorganic Chemistry</i> , 2014, 53, 4257-4268.	4.0	25
12	Dynamic Pd ^{II} /Cu ^I Multimetallic Assemblies as Molecular Models to Study Metal-Metal Cooperation in Sonogashira Coupling. <i>Chemistry - A European Journal</i> , 2020, 26, 12168-12179.	3.3	23
13	Formation of C-X Bonds through Stable Low-Electron-Count Cationic Platinum(IV) Alkyl Complexes Stabilized by N-Heterocyclic Carbenes. <i>Organometallics</i> , 2014, 33, 5944-5947.	2.3	22
14	Coordinatively Unsaturated T-Shaped Platinum(II) Complexes Stabilized by Small N-Heterocyclic Carbene Ligands. <i>Synthesis and Cyclometalation. Organometallics</i> , 2014, 33, 3746-3756.	2.3	22
15	Hydrogenation of Alkenes Catalyzed by a Non-pincer Mn Complex. <i>ChemCatChem</i> , 2020, 12, 5912-5918.	3.7	22
16	A stable, mononuclear, cationic Pt(III) complex stabilised by bulky N-heterocyclic carbenes. <i>Chemical Communications</i> , 2014, 50, 1299-1301.	4.1	21
17	Controlled and Reversible Stepwise Growth of Linear Copper(I) Chains Enabled by Dynamic Ligand Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16267-16271.	13.8	21
18	Selective catalytic synthesis of amino-silanes at part-per million catalyst loadings. <i>Chemical Communications</i> , 2018, 54, 619-622.	4.1	20

#	ARTICLE	IF	CITATIONS
19	Iron-catalysed ring-opening metathesis polymerization of olefins and mechanistic studies. <i>Nature Catalysis</i> , 2022, 5, 494-502.	34.4	19
20	Molecular Electrocatalytic Hydrogenation of Carbonyls and Dehydrogenation of Alcohols. <i>ChemElectroChem</i> , 2021, 8, 4019-4027.	3.4	15
21	Controlled and Reversible Stepwise Growth of Linear Copper(I) Chains Enabled by Dynamic Ligand Scaffolds. <i>Angewandte Chemie</i> , 2017, 129, 16485-16489.	2.0	13
22	Proton-responsive naphthyridinone-based Ru ^{II} complexes and their reactivity with water and alcohols. <i>Dalton Transactions</i> , 2020, 49, 12756-12766.	3.3	8
23	Construction of modular Pd/Cu multimetallic chains <i>via</i> ligand- and anion-controlled metal-metal interactions. <i>Chemical Communications</i> , 2021, 57, 10206-10209.	4.1	7
24	Mn ^I complex redox potential tunability by remote lewis acid interaction. <i>Dalton Transactions</i> , 2020, 49, 16623-16626.	3.3	3