Csar A Urbina-Blanco

List of Publications by Year in Descending Order

34 papers	1,044 citations	19 h-index	32 g-index
40 ext. papers	1,146 ext. citations	7.1 avg, IF	4.11 L-index

#	Paper	IF	Citations
34	Flexible operation strategy for formic acid synthesis providing frequency containment reserve in smart grids. *International Journal of Electrical Power and Energy Systems*, **2022**, 139, 107969	5.1	0
33	Ru(III) single site solid micellar catalyst for selective aqueous phase hydrogenation of carbonyl groups in biomass-derived compounds. *Applied Catalysis B: Environmental*, **2022**, 300, 120730	21.8	3
32	Solid micellar Ru single-atom catalysts for the water-free hydrogenation of CO2 to formic acid. *Applied Catalysis B: Environmental*, **2021**, 290, 120036	21.8	19
31	A diverse view of science to catalyse change: valuing diversity leads to scientific excellence, the progress of science and, most importantly, it is simply the right thing to do. We must value diversity not only in words, but also in actions. *Canadian Journal of Chemistry*, **2020**, 98, 597-600	0.9	1
30	A diverse view of science to catalyse change. *Nature Chemistry*, **2020**, 12, 773-776	17.6	7
29	A Diverse View of Science to Catalyse Change. *Angewandte Chemie*, **2020**, 132, 18462-18466	3.6	0
28	A Diverse View of Science to Catalyse Change. *Angewandte Chemie - International Edition*, **2020**, 59, 18306-18310	16.1	0
27	A diverse view of science to catalyse change. *Croatica Chemica Acta*, **2020**, 93, 77-81	0.8	1
26	Autocatalytic Role of Molecular Hydrogen in Copper-Catalyzed Transfer Hydrogenation of Ketones. *ACS Catalysis*, **2019**, 9, 8073-8082	13.1	11
25	Electronic effects in mixed N-heterocyclic carbene/phosphite indenylidene ruthenium metathesis catalysts. *Dalton Transactions*, **2019**, 48, 11326-11337	4.3	6
24	Highly Selective Hydrogenation of R-(+)-Limonene to (+)-p-1-Menthene in Batch and Continuous Flow Reactors. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 3762-3767	8.3	16
23	Evaluation of an olefin metathesis pre-catalyst with a bulky and electron-rich N-heterocyclic carbene. *Journal of Organometallic Chemistry*, **2015**, 780, 43-48	2.3	24
22	Ruthenium-Indenylidene and Other Alkylidene Containing Olefin Metathesis Catalysts **2014**, 417-436		3
21	Key processes in ruthenium-catalysed olefin metathesis. *Chemical Communications*, **2014**, 50, 10355-75	5.8	119
20	Two commercially available initiators for the retarded ring-opening metathesis polymerization of dicyclopentadiene. *Monatshefte F? Chemie*, **2014**, 145, 1513-1517	1.4	26
19	Accelerating influence of the gem-difluoromethylene group in a ring-closing olefin metathesis reaction. A Thorpe-Ingold effect?. *Chemical Communications*, **2013**, 49, 7201-3	5.8	19
18	Steric Maps to Evaluate the Role of Steric Hindrance on the IPr NHC Ligand. *Procedia Computer Science*, **2013**, 18, 845-854	1.6	5

17	Mixed N-Heterocyclic Carbene/Phosphite Ruthenium Complexes: The Effect of a Bulkier NHC.. *Organometallics*, **2013**, 32, 6240-6247	3.8	28
16	Synthesis and structure of large difluoromethylene containing alicycles by ring closing metathesis (RCM). *Organic and Biomolecular Chemistry*, **2013**, 11, 8209-13	3.9	8
15	Chemoselective Oxidation of Secondary Alcohols Using a Ruthenium Phenylindenyl Complex. *Organometallics*, **2013**, 32, 660-664	3.8	30
14	The activation mechanism of Ru-indenylidene complexes in olefin metathesis. *Journal of the American Chemical Society*, **2013**, 135, 7073-9	16.4	88
13	How does the addition of steric hindrance to a typical N-heterocyclic carbene ligand affect catalytic activity in olefin metathesis?. *Dalton Transactions*, **2013**, 42, 7433-9	4.3	66
12	Synthesis and broad spectrum antiviral evaluation of bis(POM) prodrugs of novel acyclic nucleosides. *European Journal of Medicinal Chemistry*, **2013**, 67, 398-408	6.8	19
11	From olefin metathesis catalyst to alcohol racemization catalyst in one step. *Angewandte Chemie - International Edition*, **2012**, 51, 1042-5	16.4	45
10	Synthesis and Reactivity of Ruthenium Phosphite Indenylidene Complexes. *Organometallics*, **2012**, 31, 7415-7426	3.8	52
9	Effect of Ligand Bulk in Ruthenium-Catalyzed Olefin Metathesis: IPr* vs IPr. *Organometallics*, **2012**, 31, 6514-6517	3.8	42
8	Ruthenium Phenylindenyl Complex as an Efficient Transfer Hydrogenation Catalyst. *Advanced Synthesis and Catalysis*, **2012**, 354, 3036-3044	5.6	30
7	From Olefin Metathesis Catalyst to Alcohol Racemization Catalyst in One Step. *Angewandte Chemie* , **2012**, 124, 1066-1069	3.6	13
6	Simple synthetic routes to ruthenium-indenylidene olefin metathesis catalysts. *Chemical Communications*, **2011**, 47, 5022-4	5.8	40
5	Olefin metathesis featuring ruthenium indenylidene complexes with a sterically demanding NHC ligand. *Chemistry - A European Journal*, **2011**, 17, 5045-53	4.8	53
4	Halide exchanged Hoveyda-type complexes in olefin metathesis. *Beilstein Journal of Organic Chemistry*, **2010**, 6, 1091-8	2.5	44
3	Backbone tuning in indenylidene-ruthenium complexes bearing an unsaturated N-heterocyclic carbene. *Beilstein Journal of Organic Chemistry*, **2010**, 6, 1120-6	2.5	57
2	The influence of phosphane ligands on the versatility of ruthenium-indenylidene complexes in metathesis. *Chemistry - A European Journal*, **2010**, 16, 9215-25	4.8	58
1	Indenylidene Ruthenium Complex Bearing a Sterically Demanding NHC Ligand: An Efficient Catalyst for Olefin Metathesis at Room Temperature. *Organometallics*, **2009**, 28, 2848-2854	3.8	103