

# Oscar Navarro

## List of Publications by Year in descending order

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58  
papers

4,831  
citations

186265

28  
h-index

168389

53  
g-index

78  
all docs

78  
docs citations

78  
times ranked

4040  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified (NHC)Pd(allyl)Cl (NHC =N-Heterocyclic Carbene) Complexes for Room-Temperature Suzuki-Miyaura and Buchwald-Hartwig Reactions. <i>Journal of the American Chemical Society</i> , 2006, 128, 4101-4111.	13.7	844
2	A General Method for the Suzuki-Miyaura Cross-Coupling of Sterically Hindered Aryl Chlorides: Synthesis of Di- and Tri-ortho-substituted Biaryls in 2-Propanol at Room Temperature. <i>Journal of the American Chemical Society</i> , 2003, 125, 16194-16195.	13.7	507
3	Cross-Coupling and Dehalogenation Reactions Catalyzed by (N-Heterocyclic carbene)Pd(allyl)Cl Complexes. <i>Journal of Organic Chemistry</i> , 2004, 69, 3173-3180.	3.2	357
4	Rapid Room Temperature Buchwald-Hartwig and Suzuki-Miyaura Couplings of Heteroaromatic Compounds Employing Low Catalyst Loadings. <i>Chemistry - A European Journal</i> , 2006, 12, 5142-5148.	3.3	314
5	Synthetic and Structural Studies of (NHC)Pd(allyl)Cl Complexes (NHC =N-heterocyclic carbene). <i>Organometallics</i> , 2004, 23, 1629-1635.	2.3	296
6	Recent Developments in the Suzuki-Miyaura Reaction: 2010-2014. <i>Molecules</i> , 2015, 20, 7528-7557.	3.8	285
7	Suzuki-Miyaura, $\alpha$ -Ketone Arylation and Dehalogenation Reactions Catalyzed by a Versatile N-Heterocyclic Carbene-Palladacycle Complex. <i>Journal of Organic Chemistry</i> , 2006, 71, 685-692.	3.2	244
8	Simple (Imidazol-2-ylidene)-Pd-Acetate Complexes as Effective Precatalysts for Sterically Hindered Suzuki-Miyaura Couplings. <i>Organic Letters</i> , 2005, 7, 1829-1832.	4.6	194
9	(IPr)Pd(acac)Cl: An Easily Synthesized, Efficient, and Versatile Precatalyst for C-N and C-C Bond Formation. <i>Journal of Organic Chemistry</i> , 2006, 71, 3816-3821.	3.2	174
10	(N-Heterocyclic Carbene)PdCl <sub>2</sub> (TEA) Complexes: Studies on the Effect of the $\alpha$ -Thioether Ligand in Catalytic Activity. <i>Organometallics</i> , 2011, 30, 5052-5056.	2.3	127
11	An Industrially Viable Catalyst System for Palladium-Catalyzed Telomerizations of 1,3-Butadiene with Alcohols. <i>Chemistry - A European Journal</i> , 2004, 10, 3891-3900.	3.3	125
12	Synthesis of novel (NHC)Pd(acac)Cl complexes (acac=acetylacetonate) and their activity in cross-coupling reactions. <i>Tetrahedron</i> , 2005, 61, 9716-9722.	1.9	105
13	Transition metal catalyzed element <sup>+</sup> element <sup>2+</sup> additions to alkynes. <i>Coordination Chemistry Reviews</i> , 2017, 336, 54-77.	18.8	99
14	Heteronuclear $\text{Dy}^{\text{III}}$ Coordination Clusters as Catalysts in a Domino Reaction. <i>Chemistry - A European Journal</i> , 2015, 21, 6358-6361.	3.3	76
15	Titanocene-Gold Complexes Containing N-Heterocyclic Carbene Ligands Inhibit Growth of Prostate, Renal, and Colon Cancers in Vitro. <i>Organometallics</i> , 2016, 35, 1218-1227.	2.3	74
16	A Comparative Study on (NHC)Pd(acac)Cl Complexes (NHC = N-heterocyclic carbene): Indications for the Origin of the Different Reactivity of Saturated and Unsaturated NHC in Cross-Coupling Reactions. <i>Organometallics</i> , 2009, 28, 5809-5813.	2.3	66
17	Sonogashira Couplings Catalyzed by Collaborative (N-Heterocyclic Carbene)-Copper and -Palladium Complexes. <i>Organic Letters</i> , 2014, 16, 3724-3727.	4.6	63
18	(N-Heterocyclic Carbene)-Pd-Catalyzed Anaerobic Oxidation of Secondary Alcohols and Domino Oxidation-Arylation Reactions. <i>Journal of Organic Chemistry</i> , 2011, 76, 1390-1397.	3.2	61

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19	Well-defined (N-heterocyclic carbene)Ag(i) complexes as catalysts for A3 reactions. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2206.	2.8	60
20	General and efficient methodology for the SuzukiMiyaura reaction in technical grade 2-propanol. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 3722-3727.	1.8	58
21	Efficient Ni <sup>II</sup> Ln <sup>III</sup> Electrocyclization Catalysts for the Synthesis of <i>trans</i> -4,5-Diaminocyclopent-2-enones from 2-Furaldehyde and Primary or Secondary Amines. <i>Inorganic Chemistry</i> , 2016, 55, 6988-6994.	4.0	55
22	Evaluating multimedia learning materials in primary education using eye tracking. <i>Computer Standards and Interfaces</i> , 2018, 59, 45-60.	5.4	49
23	Homogeneous, Anaerobic (N-Heterocyclic Carbene)Pd or Ni Catalyzed Oxidation of Secondary Alcohols at Mild Temperatures. <i>Organic Letters</i> , 2009, 11, 4244-4247.	4.6	48
24	Inhibited Catalyst Activation in (N-Heterocyclic carbene)PdCl <sub>2</sub> (diethylamine) Complexes by Intramolecular Hydrogen Bonding. <i>Organometallics</i> , 2011, 30, 6770-6773.	2.3	48
25	Microwave-Assisted Synthesis of (N-Heterocyclic carbene)MCl Complexes of Group 11 Metals. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2980-2982.	2.0	46
26	Rapid and Selective Catalytic Oxidation of Secondary Alcohols at Room Temperature by Using (N-Heterocyclic Carbene)Ni <sup>0</sup> Systems. <i>Chemistry - A European Journal</i> , 2010, 16, 6857-6860.	3.3	43
27	Toward the Single-Molecule Investigation of Organometallic Reaction Mechanisms: Single-Molecule Imaging of Fluorophore-Tagged Palladium(II) Complexes. <i>Organometallics</i> , 2008, 27, 2172-2175.	2.3	35
28	Ni-catalysed, domino synthesis of tertiary alcohols from secondary alcohols. <i>Chemical Communications</i> , 2012, 48, 1538-1540.	4.1	31
29	(N-Heterocyclic Carbene) <sub>2</sub> -Pd(0)-Catalyzed Silaboration of Internal and Terminal Alkynes: Scope and Mechanistic Studies. <i>ACS Catalysis</i> , 2016, 6, 2192-2196.	11.2	31
30	Modified [(IPr)Pd(R <sup>acac</sup> )Cl] Complexes: Influence of the acac Substitution on the Catalytic Activity in Aryl Amination. <i>Chemistry - an Asian Journal</i> , 2010, 5, 841-846.	3.3	25
31	N-Heterocyclic Carbene (NHC)-Copper(I) Complexes as Catalysts for A3 Reactions. <i>Synlett</i> , 2013, 24, 1190-1192.	1.8	25
32	Microwave-Assisted Synthesis of N-Heterocyclic Carbene-Palladium(II) Complexes. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 212-214.	4.3	20
33	Microwave-assisted synthesis of (N-heterocyclic carbene)Ni(Cp)Cl complexes. <i>Inorganica Chimica Acta</i> , 2012, 380, 350-353.	2.4	20
34	Room temperature, solventless telomerization of isoprene with alcohols using (N-heterocyclic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	4.1	20
35	Evaluation of Multimedia Educational Materials Using Eye Tracking. <i>Procedia, Social and Behavioral Sciences</i> , 2015, 197, 2236-2243.	0.5	19
36	Synthesis of Functionalized Hydrazines: Facile Homogeneous (N-Heterocyclic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Carbene)â€• Catalysis, 2016, 358, 3765-3769.	4.3	19

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37	Triarylamine polymers of bridged phenylenes by (N-heterocyclic carbene)-palladium catalysed C–N coupling. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3327.	5.5	17
38	Recent Advances in Polythiophene Synthesis by Palladium-Catalyzed Cross-Coupling Reactions. <i>Current Organic Chemistry</i> , 2011, 15, 3263-3290.	1.6	16
39	Mizoroki–Heck Reactions Catalysed by (N-Heterocyclic carbene)PdCl <sub>2</sub> (Et <sub>3</sub> N) Complexes. <i>Synlett</i> , 2014, 25, 2225-2228.	1.8	16
40	Synthesis of a bis(phenoxyketimine) palladium(II) complex and its activity in the Suzuki–Miyaura reaction. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3008-3011.	1.8	15
41	(N-Heterocyclic Carbene)-Metal Complexes and Their Application in Catalysis. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2010, 106, 243.	0.9	15
42	Transforming teacher education by integrating the funds of knowledge of teachers of Color. <i>Review of Education, Pedagogy, and Cultural Studies</i> , 2019, 41, 282-316.	0.7	15
43	(N-heterocyclic carbene)–Pd catalyzed synthesis of poly(triarylamine)s by Buchwald–Hartwig coupling of aryl chlorides. <i>Journal of Polymer Science Part A</i> , 2012, 50, 4155-4160.	2.3	13
44	Synthesis of poly(triarylamine)s by C–N coupling catalyzed by (N-heterocyclic carbene)-palladium complexes. <i>Reactive and Functional Polymers</i> , 2012, 72, 337-340.	4.1	11
45	(N-Heterocyclic carbene)Pd(triethylamine)Cl <sub>2</sub> as precatalyst for the synthesis of Poly(triarylamine)s. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4904-4911.	2.3	10
46	Psychological Well-Being and Intrinsic Motivation: Relationship in Students Who Begin University Studies at the School of Education in Ciudad Real. <i>Frontiers in Psychology</i> , 2020, 11, 2054.	2.1	9
47	Large-Scale One-Pot Synthesis of N-Heterocyclic Carbene-Pd(allyl)Cl Complexes. <i>Synthesis</i> , 2006, 2006, 366-367.	2.3	6
48	Recent advances of metal–nucleophilic carbene complexes in catalysis. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2011, 107, 226.	0.9	5
49	Motivation of University Students Towards the Use of Information and Communication Technologies and Their Relation to Learning Styles. <i>International Journal of Emerging Technologies in Learning</i> , 2020, 15, 202.	1.3	4
50	An Industrially Viable Catalyst System for Palladium-Catalyzed Telomerizations of 1,3-Butadiene with Alcohols. <i>Chemistry - A European Journal</i> , 2004, 10, 4661-4661.	3.3	2
51	Experience of use of eye tracking technology with children who have attention problems. , 2018, , .		2
52	Synthesis of Biaryl, Arylamine and Aryl Ketone Compounds Using a Commercially Available Air- and Moisture-Stable Palladium Catalyst. <i>Synthesis</i> , 2003, 2003, 2590-2592.	2.3	1
53	New Organometallic Textbook Reviews. <i>Organometallics</i> , 2011, 30, 196-198.	2.3	1
54	Cross-Coupling and Dehalogenation Reactions Catalyzed by (N-Heterocyclic carbene)Pd(allyl)Cl Complexes.. <i>ChemInform</i> , 2004, 35, no.	0.0	0

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55	Simple (Imidazol-2-ylidene)-Pd-acetate Complexes as Effective Precatalysts for Sterically Hindered Suzuki-Miyaura Couplings.. ChemInform, 2005, 36, no.	0.0	0
56	Synthesis of Novel (NHC)Pd(acac)Cl Complexes (acac: Acetylacetonate) and Their Activity in Cross-Coupling Reactions.. ChemInform, 2006, 37, no.	0.0	0
57	N-Heterocyclic Carbene Complexes in Arylation Reactions other than Cross-couplings. Catalysis By Metal Complexes, 2010, , 191-206.	0.6	0
58	Prejudices towards the Catalans: An experience in primary education. New Trends and Issues Proceedings on Humanities and Social Sciences, 2019, 6, 12-20.	0.1	0