Henri Doucet

List of Publications by Citations

287 papers	10,817 citations	55 h-index	90 g-index
442 ext. papers	11,621 ext. citations	4.2 avg, IF	6.62 L-index

#	Paper	IF	Citations
287	Palladium-based catalytic systems for the synthesis of conjugated enynes by sonogashira reactions and related alkynylations. *Angewandte Chemie - International Edition*, **2007**, 46, 834-71	16.4	704
286	trans-[RuCl (phosphane) (1,2-diamine)] and Chiral trans-[RuCl (diphosphane)(1,2-diamine)]: Shelf-Stable Precatalysts for the Rapid, Productive, and Stereoselective Hydrogenation of Ketones. *Angewandte Chemie - International Edition*, **1998**, 37, 1703-1707	16.4	511
285	Asymmetric Hydrogenation of Alkenyl, Cyclopropyl, and Aryl Ketones. RuCl2(xylbinap)(1,2-diamine) as a Precatalyst Exhibiting a Wide Scope. *Journal of the American Chemical Society*, **1998**, 120, 13529-13530	16.4	354
284	Palladium-Catalyzed C3 or C4 Direct Arylation of Heteroaromatic Compounds with Aryl Halides by C?H Bond Activation. *ChemCatChem*, **2010**, 2, 20-40	5.2	339
283	Suzuki Miyaura Cross-Coupling Reactions of Alkylboronic Acid Derivatives or Alkyltrifluoroborates with Aryl, Alkenyl or Alkyl Halides and Triflates. *European Journal of Organic Chemistry*, **2008**, 2008, 2013-2030	3.2	300
282	Palladium-Katalysatorsysteme f die Synthese von konjugierten Eninen durch Sonogashira-Kupplungen und verwandte Alkinylierungen. *Angewandte Chemie*, **2007**, 119, 850-888	3.6	194
281	Asymmetric Activation of Racemic Ruthenium(II) Complexes for Enantioselective Hydrogenation. *Journal of the American Chemical Society*, **1998**, 120, 1086-1087	16.4	179
280	Regioselectivity in palladium-catalysed direct arylation of 5-membered ring heteroaromatics. *Catalysis Science and Technology*, **2016**, 6, 2005-2049	5.5	162
279	Greener solvents for ruthenium and palladium-catalysed aromatic CH bond functionalisation. *Green Chemistry*, **2011**, 13, 741	10	152
278	The Scope of Catalytic Asymmetric Hydroboration/Oxidation with Rhodium Complexes of 1,1?-(2-Diarylphosphino-1-naphthyl)isoquinolines. *Chemistry - A European Journal*, **1999**, 5, 1320-1330	4.8	152
277	General Synthesis of (Z)-Alk-1-en-1-yl Esters via Ruthenium-Catalyzed anti-Markovnikov trans-Addition of Carboxylic Acids to Terminal Alkynes. *Journal of Organic Chemistry*, **1995**, 60, 7247-7255	4.2	134
276	Functionalization of CH Bonds via Metal-Catalyzed Desulfitative Coupling: An Alternative Tool for Access to Aryl- or Alkyl-Substituted (Hetero)arenes. *ACS Catalysis*, **2015**, 5, 978-991	13.1	126
275	Phosphine-free palladium-catalyzed direct arylation of imidazo[1,2-a]pyridines with aryl bromides at low catalyst loading. *Journal of Organic Chemistry*, **2012**, 77, 4473-8	4.2	117
274	A versatile palladium/triphosphane system for direct arylation of heteroarenes with chloroarenes at low catalyst loading. *Angewandte Chemie - International Edition*, **2010**, 49, 6650-4	16.4	116
273	Ligand-less palladium-catalyzed direct 5-arylation of thiophenes at low catalyst loadings. *Green Chemistry*, **2009**, 11, 425	10	115
272	trans-[RuCl2(phosphan)2(1,2-diamin)]- und chirale trans-[RuCl2(diphosphan)(1,2-diamin)]-Komplexe: lagerstabile Katalysatorvorstufen f die schnelle, produktive und stereoselektive Hydrierung von Ketonen. *Angewandte Chemie*, **1998**, 110, 1792-1796	3.6	109
271	Catalytic efficiency of a new tridentate ferrocenyl phosphine auxiliary: Sonogashira cross-coupling reactions of alkynes with aryl bromides and chlorides at low catalyst loadings of 10(-1) to 10(-4) mol %. *Organic Letters*, **2004**, 6, 3473-6	6.2	106

270	Ligand-free palladium-catalyzed direct arylation of thiazoles at low catalyst loadings. *Journal of Organic Chemistry*, **2009**, 74, 1179-86	4.2	104
269	Aryl triflates: useful coupling partners for the direct arylation of heteroaryl derivatives via Pd-catalyzed C-H activation-functionalization. *Organic and Biomolecular Chemistry*, **2008**, 6, 169-74	3.9	102
268	Carbonates: eco-friendly solvents for palladium-catalysed direct arylation of heteroaromatics. *Green Chemistry*, **2010**, 12, 2053	10	101
267	Regioselective C-2 or C-5 Direct Arylation of Pyrroles with Aryl Bromides using a Ligand-Free Palladium Catalyst. *Advanced Synthesis and Catalysis*, **2009**, 351, 1977-1990	5.6	97
266	A Palladium–Ferrocenyl Tetraphosphine System as Catalyst for Suzuki Cross-Coupling and Heck Vinylation of Aryl Halides: Dynamic Behavior of the Palladium/Phosphine Species. *Organometallics*, **2003**, 22, 4490-4499	3.8	92
265	A new tetratertiary phosphine ligand and its use in Pd-catalyzed allylic substitution. *Journal of Organic Chemistry*, **2001**, 66, 1633-7	4.2	92
264	Ligand-free palladium-catalysed direct arylation of heteroaromatics using low catalyst loadings. *ChemSusChem*, **2008**, 1, 404-7	8.3	91
263	Efficient Heck vinylation of aryl halides catalyzed by a new air-stable palladium-tetraphosphine complex. *Journal of Organic Chemistry*, **2001**, 66, 5923-5	4.2	91
262	Palladium–tetraphosphine catalysed cross coupling of aryl bromides with arylboronic acids: remarkable influence of the nature of the ligand. *Chemical Communications*, **2001**, 325-326	5.8	86
261	Benzenesulfonyl chlorides: new reagents for access to alternative regioisomers in palladium-catalysed direct arylations of thiophenes. *Chemical Science*, **2014**, 5, 392-396	9.4	84
260	Direct arylation of oxazole and benzoxazole with aryl or heteroaryl halides using a palladium–diphosphine catalyst. *Journal of Organometallic Chemistry*, **2008**, 693, 135-144	2.3	83
259	Palladium-Catalyzed Direct Arylation of Furans via C–H Functionalization at Low Catalyst Loadings. *Organometallics*, **2007**, 26, 472-474	3.8	83
258	Synthesis of (Poly)fluorobiphenyls through Metal-catalyzed C?H Bond Activation/Arylation of (Poly)fluorobenzene Derivatives. *ChemCatChem*, **2014**, 6, 1824-1859	5.2	76
257	Low catalyst loading ligand-free palladium-catalyzed direct arylation of furans: an economically and environmentally attractive access to 5-arylfurans. *Green Chemistry*, **2009**, 11, 1832	10	76
256	Palladium-Catalysed Direct Arylation of Heteroaromatics Bearing Unprotected Hydroxyalkyl Functions using Aryl Bromides. *Advanced Synthesis and Catalysis*, **2010**, 352, 696-710	5.6	75
255	Palladium-catalysed direct arylation of thiophenes tolerant to silyl groups. *Chemical Communications*, **2011**, 47, 1872-4	5.8	74
254	N-Heterocyclic Carbenes: Useful Ligands for the Palladium-Catalysed Direct C5 Arylation of Heteroaromatics with Aryl Bromides or Electron-Deficient Aryl Chlorides. *European Journal of Inorganic Chemistry*, **2010**, 2010, 1798-1805	2.3	70
253	Direct Arylation of Thiophenes via Palladium-Catalysed C?H Functionalisation at Low Catalyst Loadings. *Advanced Synthesis and Catalysis*, **2007**, 349, 2507-2516	5.6	69

252	Ligand-Free-Palladium-Catalyzed Direct 4-Arylation of Isoxazoles Using Aryl Bromides. *European Journal of Organic Chemistry*, **2009**, 2009, 4041-4050	3.2	67
251	Phosphine-free palladium-catalysed direct 5-arylation of imidazole derivatives at low catalyst loading. *Tetrahedron*, **2009**, 65, 9772-9781	2.4	64
250	Palladium-catalyzed direct heteroarylation of chloropyridines and chloroquinolines. *Journal of Organometallic Chemistry*, **2009**, 694, 455-465	2.3	63
249	Stereoselective synthesis of Z-enol esters catalysed by [bis(diphenylphosphino)alkane]bis(2-methylpropenyl)ruthenium complexes. *Journal of the Chemical Society Chemical Communications*, **1993**, 850-851		63
248	Tetraphosphine/palladium-catalyzed Heck reactions of aryl halides with disubstituted alkenes. *Tetrahedron Letters*, **2003**, 44, 8487-8491	2	62
247	Application of Palladium-Catalyzed C(sp2)–H Bond Arylation to the Synthesis of Polycyclic (Hetero)Aromatics. *CheM*, **2019**, 5, 2006-2078	16.2	61
246	Palladium-catalyzed direct arylation of free NH2-substituted thiophene derivatives. *Organic Letters*, **2010**, 12, 4320-3	6.2	61
245	Palladium-Catalyzed Direct C-4 Arylation of 2,5-Disubstituted Furans with Aryl Bromides. *Advanced Synthesis and Catalysis*, **2008**, 350, 2183-2188	5.6	61
244	Palladium-Catalyzed Direct Arylation of Heteroaromatics with Activated Aryl Chlorides Using a Sterically Relieved Ferrocenyl-Diphosphane. *ACS Catalysis*, **2012**, 2, 1033-1041	13.1	60
243	Activated Aryl Chlorides: Useful Partners for the Coupling with 2-Substituted Thiazoles in the Palladium-Catalysed C-H Activation/Functionalisation Reaction. *European Journal of Inorganic Chemistry*, **2007**, 2007, 3629-3632	2.3	60
242	Alkenyl bromides: useful coupling partners for the palladium-catalysed coupling with heteroaromatics via a C–H bond activation. *Tetrahedron Letters*, **2008**, 49, 2926-2930	2	60
241	Palladium catalyzed direct 3-arylation of benzofurans using low catalyst loadings. *ChemSusChem*, **2010**, 3, 367-76	8.3	59
240	Efficient coupling of heteroaryl halides with arylboronic acids in the presence of a palladium–tetraphosphine catalyst. *Journal of Organometallic Chemistry*, **2003**, 687, 327-336	2.3	59
239	Cyclopentyl methyl ether: an alternative solvent for palladium-catalyzed direct arylation of heteroaromatics. *ChemSusChem*, **2011**, 4, 526-34	8.3	58
238	Palladium-tetraphosphine complex: an efficient catalyst for the coupling of aryl halides with alkynes. *Organic and Biomolecular Chemistry*, **2003**, 1, 2235-7	3.9	58
237	Use of a bulky phosphine of weak σ-donicity with palladium as a versatile and highly-active catalytic system: allylation and arylation coupling reactions at 10−1–10−4 mol% catalyst loadings of ferrocenyl bis(difurylphosphine)/Pd. *Tetrahedron*, **2005**, 61, 9759-9766	2.4	58
236	Regioselective Pd-catalyzed methoxycarbonylation of alkenes using both paraformaldehyde and methanol as CO surrogates. *Angewandte Chemie - International Edition*, **2015**, 54, 4493-7	16.4	57
235	Palladium-catalysed direct 3- or 4-arylation of 2,5-disubstituted pyrrole derivatives: an economically and environmentally attractive procedure. *ChemSusChem*, **2009**, 2, 153-7	8.3	57

234	Palladium-Catalysed Direct C-H Activation/Arylation of Heteroaromatics: An Environmentally Attractive Access to Bi- or Polydentate Ligands. *European Journal of Inorganic Chemistry*, **2008**, 2008, 2550-2559	2.3	57
233	Palladium-catalysed direct 3- or 4-arylation of thiophene derivatives using aryl bromides. *Tetrahedron Letters*, **2009**, 50, 2778-2781	2	55
232	Palladium-Catalysed Direct Polyarylation of Pyrrole Derivatives. *ChemCatChem*, **2013**, 5, 255-262	5.2	54
231	Heck reaction with heteroaryl halides in the presence of a palladium-tetraphosphine catalyst. *Tetrahedron Letters*, **2002**, 43, 5625-5628	2	54
230	Suzuki Cross-Coupling Reactions between Alkenylboronic Acids and Aryl Bromides Catalysed by a Tetraphosphane-Palladium Catalyst. *European Journal of Organic Chemistry*, **2004**, 2004, 1075-1082	3.2	52
229	Sonogashira cross-coupling reactions with heteroaryl halides in the presence of a tetraphosphine–palladium catalyst. *Tetrahedron Letters*, **2005**, 46, 1717-1720	2	52
228	Palladium-catalysed direct arylation of a tris-cyclometallated Ir(III) complex bearing 2,2'-thienylpyridine ligands: a powerful tool for the tuning of luminescence properties. *Chemical Communications*, **2012**, 48, 1260-2	5.8	51
227	Conformational Control of Metallocene Backbone by Cyclopentadienyl Ring Substitution: A New Concept in Polyphosphane Ligands Evidenced by "Through-Space" Nuclear Spin–Spin Coupling. Application in Heteroaromatics Arylation by Direct C–H Activation. *Organometallics*, **2009**, 28, 3152-3160	3.8	51
226	Synthesis of 1?-(2-(diarylphosphino)1-naphthyl)isoquinolines; variation of the aryl substituent. *Tetrahedron: Asymmetry*, **1997**, 8, 3775-3784		51
225	Palladium–Tetraphosphine as Catalyst Precursor for High-Turnover-Number Negishi Cross-Coupling of Alkyl- or Phenylzinc Derivatives with Aryl Bromides. *Organometallics*, **2006**, 25, 5219-5222	3.8	51
224	Palladium-Catalysed Direct Desulfitative Arylation of Pyrroles using Benzenesulfonyl Chlorides as Alternative Coupling Partners. *Advanced Synthesis and Catalysis*, **2014**, 356, 3831-3841	5.6	50
223	Direct arylation of heteroaromatic compounds with congested, functionalised aryl bromides at low palladium/triphosphane catalyst loading. *Chemistry - A European Journal*, **2011**, 17, 6453-61	4.8	50
222	Synthesis of Polysubstituted Alkenes by Heck Vinylation or Suzuki Cross-Coupling Reactions in the Presence of a Tetraphosphane–Palladium Catalyst. *European Journal of Organic Chemistry*, **2003**, 2003, 1091-1096	3.2	49
221	Hybrid P-chiral diphosphines for asymmetric hydrogenation. *Chemical Communications*, **1999**, 261-262	5.8	49
220	Palladium-Based Catalytic System for the Direct C3-Arylation of Furan-2-carboxamides and Thiophene-2-carboxamides. *ChemCatChem*, **2012**, 4, 815-823	5.2	46
219	cis,cis,cis-1,2,3,4-Tetrakis(diphenylphosphinomethyl)cyclopentane: Tedicyp, an Efficient Ligand in Palladium-Catalysed Reactions. *Synlett*, **2006**, 2006, 2001-2015	2.2	46
218	Tetraphosphine/palladium-catalysed Suzuki cross-coupling with sterically hindered aryl bromides and arylboronic acids. *Tetrahedron Letters*, **2001**, 42, 6667-6670	2	46
217	Eco-friendly solvents for palladium-catalyzed desulfitative C-H bond arylation of heteroarenes. *ChemSusChem*, **2015**, 8, 1794-804	8.3	45

216	Efficient coupling of heteroaryl bromides with arylboronic acids in the presence of a palladium/tetraphosphine catalyst. *Tetrahedron Letters*, **2001**, 42, 5659-5662	2	44
215	PEPPSI-Type Palladium/NHC Complexes: Synthesis, Characterization, and Catalytic Activity in the Direct C5-Arylation of 2-Substituted Thiophene Derivatives with Aryl Halides. *European Journal of Inorganic Chemistry*, **2017**, 2017, 1382-1391	2.3	43
214	Steric Control at the Wingtip of a Bis-N-Heterocyclic Carbene Ligand: Coordination Behavior and Catalytic Responses of Its Ruthenium Compounds. *Organometallics*, **2012**, 31, 5500-5505	3.8	43
213	Heck reaction of aryl halides with linear or cyclic alkenes catalysed by a tetraphosphine/palladium catalyst. *Tetrahedron Letters*, **2003**, 44, 1221-1225	2	43
212	Palladium-Catalyzed C2 or C5 Direct Arylation of 3-Formylthiophene Derivatives with Aryl Bromides. *European Journal of Organic Chemistry*, **2010**, 2010, 611-615	3.2	42
211	Sonogashira cross-coupling reactions of aryl chlorides with alkynes catalysed by a tetraphosphine/palladium catalyst. *Tetrahedron Letters*, **2004**, 45, 8443-8446	2	42
210	In vitro screening, homology modeling and molecular docking studies of some pyrazole and imidazole derivatives. *Biomedicine and Pharmacotherapy*, **2018**, 103, 653-661	7.5	41
209	Tetraphosphine/palladium catalysed Suzuki cross-coupling reactions of aryl halides with alkylboronic acids. *Tetrahedron*, **2004**, 60, 3813-3818	2.4	41
208	Carbonates: ecofriendly solvents for palladium-catalyzed direct 2-arylation of oxazole derivatives. *ChemSusChem*, **2009**, 2, 951-6	8.3	39
207	Environmentally Benign Arylations of 5-Membered Ring Heteroarenes by Pd-Catalyzed C–H Bonds Activations. *ChemCatChem*, **2019**, 11, 269-286	5.2	39
206	Methyl 2-Furoate: An Alternative Reagent to Furan for Palladium-Catalysed Direct Arylation. *European Journal of Organic Chemistry*, **2011**, 2011, 7163-7173	3.2	37
205	Synthesis of biheteroaryl derivatives by tetraphosphine/palladium-catalysed Suzuki coupling of heteroaryl bromides with heteroarylboronic acids. *Journal of Molecular Catalysis A*, **2007**, 269, 110-118		37
204	A new efficient tetraphosphine/palladium catalyst for the Heck reaction of aryl halides with styrene or vinylether derivatives. *Tetrahedron Letters*, **2002**, 43, 2191-2194	2	37
203	Palladium-catalyzed direct arylation of 5-chloropyrazoles: a selective access to 4-aryl pyrazoles. *Journal of Organic Chemistry*, **2012**, 77, 7659-64	4.2	36
202	Synthesis of β-aryl ketones by tetraphosphine/palladium catalysed Heck reactions of 2- or 3-substituted allylic alcohols with aryl bromides. *Tetrahedron*, **2006**, 62, 4372-4383	2.4	36
201	Solvent-free palladium-catalyzed direct arylation of heteroaromatics with aryl bromides. *ChemSusChem*, **2012**, 5, 1559-67	8.3	35
200	A straightforward access to guaiazulene derivatives using palladium-catalysed sp2 or sp3 C-H bond functionalisation. *Chemical Communications*, **2013**, 49, 5598-600	5.8	35
199	N-Heterocyclic carbene-palladium catalysts for the direct arylation of pyrrole derivatives with aryl chlorides. *Beilstein Journal of Organic Chemistry*, **2013**, 9, 303-12	2.5	35

198	Powerful control by organoruthenium catalysts of the regioselective addition to C(1) or C(2) of the prop-2-ynyl ethers C?C triple bond. *Journal of Organometallic Chemistry*, **1998**, 551, 151-157	2.3	35
197	Efficient synthesis of enynes by tetraphosphine/palladium-catalysed reaction of vinyl bromides with terminal alkynes. *Tetrahedron*, **2006**, 62, 112-120	2.4	35
196	Palladium/Tetraphosphine Catalysed Heck Reaction with ortho-Substituted Aryl Bromides. *Synlett*, **2001**, 2001, 1980-1982	2.2	35
195	Ruthenium catalysed regioselective synthesis of O-1-(1,3-dienyl) carbamates directly from CO2. *Tetrahedron Letters*, **1991**, 32, 7409-7410	2	35
194	Synthesis of N-heterocyclic carbene-palladium-PEPPSI complexes and their catalytic activity in the direct C-H bond activation. *Journal of Organometallic Chemistry*, **2018**, 867, 404-412	2.3	34
193	Palladium-Catalysed Intramolecular Direct Arylation of 2-Bromobenzenesulfonic Acid Derivatives. *Advanced Synthesis and Catalysis*, **2012**, 354, 3533-3538	5.6	33
192	Isoquinoline derivatives via stepwise regioselective sp(2) and sp(3) C-H bond functionalizations. *Journal of Organic Chemistry*, **2012**, 77, 3674-8	4.2	33
191	Metal-Catalyzed C-H Bond Activation of 5-Membered Carbocyclic Rings: A Powerful Access to Azulene, Acenaphthylene and Fulvene Derivatives. *Chemistry - an Asian Journal*, **2018**, 13, 143-157	4.5	32
190	A Versatile Palladium/Triphosphane System for Direct Arylation of Heteroarenes with Chloroarenes at Low Catalyst Loading. *Angewandte Chemie*, **2010**, 122, 6800-6804	3.6	32
189	Reaction of aryl di-, tri-, or tetrabromides with arylboronic acids or alkenes in the presence of a palladium-tetraphosphine catalyst. *Journal of Organometallic Chemistry*, **2004**, 689, 2786-2798	2.3	32
188	Palladium-catalyzed direct arylation of thiophenes bearing SO2R substituents. *Journal of Organic Chemistry*, **2011**, 76, 6407-13	4.2	31
187	Palladium-Catalyzed Direct Arylations of Five-Membered Heteroarenes Bearing N-Monoalkylcarboxamide Substituents. *European Journal of Organic Chemistry*, **2011**, 2011, 4373-4385	3.2	31
186	Reactivity of 3-Substituted Fluorobenzenes in Palladium- Catalysed Direct Arylations with Aryl Bromides. *Advanced Synthesis and Catalysis*, **2014**, 356, 1586-1596	5.6	30
185	Synthesis of heteroarylated polyfluorobiphenyls via palladium-catalyzed sequential sp2 C-H bonds functionalizations. *Journal of Organic Chemistry*, **2013**, 78, 4177-83	4.2	30
184	Direct Arylation of Heterocycles: The Performances of Ferrocene-Based Polyphosphane Ligands in Palladium-Catalyzed C?H Bond Activation. *ChemCatChem*, **2010**, 2, 296-305	5.2	30
183	Palladium-tetraphosphine catalysed allylic substitution in water. *Tetrahedron Letters*, **2001**, 42, 2313-2315	2	30
182	Titanium catalysed enantioselective addition of allyltributyltin to aldehydes: a simple and easily reproducible procedure. *Tetrahedron: Asymmetry*, **2000**, 11, 4163-4169		30
181	A straightforward access to photochromic diarylethene derivatives via palladium-catalysed direct heteroarylation of 1,2-dichloroperfluorocyclopentene. *Chemical Communications*, **2012**, 48, 11951-3	5.8	29

180	Heck reactions of aryl bromides with alk-1-en-3-ol derivatives catalysed by a tetraphosphine/palladium complex. *Tetrahedron Letters*, **2004**, 45, 5633-5636	2	29
179	Sonogashira reaction of aryl halides with propiolaldehyde diethyl acetal catalyzed by a tetraphosphine/palladium complex. *Tetrahedron*, **2005**, 61, 9839-9847	2.4	29
178	Dramatic acceleration of the catalytic process of the amination of allyl acetates in the presence of a tetraphosphine/palladium system. *Chemical Communications*, **2001**, 43-44	5.8	29
177	Palladium Complexes with Tetrahydropyrimidin-2-ylidene Ligands: Catalytic Activity for the Direct Arylation of Furan, Thiophene, and Thiazole Derivatives. *Organometallics*, **2015**, 34, 2487-2493	3.8	28
176	Palladium-Catalysed Regioselective Sequential C-5 and C-2 Direct Arylations of 3-Acetylpyrroles with Aryl Bromides. *Advanced Synthesis and Catalysis*, **2013**, 355, 1423-1432	5.6	28
175	Direct heteroarylation of 5-bromothiophen-2-ylpyridine and of 8-bromoquinoline via palladium-catalysed C□H bond activation: simpler access to heteroarylated nitrogen-based derivatives. *Catalysis Science and Technology*, **2013**, 3, 2072	5.5	28
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173	Phosphine-Free Palladium Catalytic System for the Selective Direct Arylation of Furans or Thiophenes bearing Alkenes and Inhibition of Heck-Type Reaction. *Advanced Synthesis and Catalysis* , **2011**, 353, 2749-2760	5.6	28
172	Heck reaction with an alkenylidenecyclopropane: the formation of arylallylidenecyclopropanes. *Tetrahedron Letters*, **2007**, 48, 3579-3581	2	28
171	Palladium-catalyzed direct arylation of luminescent bis-cyclometalated iridium(III) complexes incorporating C^N- or O^O-coordinating thiophene-based ligands: an efficient method for color tuning. *Inorganic Chemistry*, **2013**, 52, 12416-28	5.1	26
170	Pd-Catalysed Direct Arylation of Heteroaromatics Using (Poly)halobenzenesulfonyl Chlorides as Coupling Partners: One Step Access to (Poly)halo-Substituted Bi(hetero)aryls. *European Journal of Organic Chemistry*, **2015**, 2015, 4428-4436	3.2	26
169	Selective Heck reaction of aryl bromides with cyclopent-2-en-1-one or cyclohex-2-en-1-one. *Tetrahedron*, **2009**, 65, 489-495	2.4	26
168	Coupling reactions of aryl bromides with 1-alkynols catalysed by a tetraphosphine/palladium catalyst. *Tetrahedron Letters*, **2004**, 45, 1603-1606	2	26
167	Palladium Catalysed Cross-Coupling of Aryl Chlorides with Arylboronic Acids in the Presence of a New Tetraphosphine Ligand. *Synlett*, **2001**, 2001, 1458-1460	2.2	26
166	Phosphine-free palladium-catalysed direct C2-arylation of benzothiophenes with aryl bromides. *Tetrahedron*, **2013**, 69, 7082-7089	2.4	25
165	Synthesis of all-cis-3-(2-diphenylphosphinoethyl)-1,2,4-tris(diphenylphosphinomethyl)cyclopentane (Ditricyp) from dicyclopentadiene. *Tetrahedron*, **2007**, 63, 9514-9521	2.4	25
164	Access to Alternative Regioisomers for Palladium-Catalysed Direct Arylations of (Benzo)thiophenes. *ChemCatChem*, **2013**, 5, 3495-3496	5.2	24
163	Access to (Hetero)arylated Selenophenes via Palladium-catalysed Stille, Negishi or Suzuki Couplings or C□H Bond Functionalization Reaction. *ChemCatChem*, **2017**, 9, 2895-2913	5.2	23

162	Short Synthesis of Sulfur Analogues of Polyaromatic Hydrocarbons through Three Palladium-Catalyzed C-H Bond Arylations. *Organic Letters*, **2016**, 18, 4182-5	6.2	23
161	Palladium-catalysed direct arylations of NH-free pyrrole and N-tosylpyrrole with aryl bromides. *Tetrahedron Letters*, **2012**, 53, 509-513	2	23
160	Unprecedented Access to Arylated Selenophenes through Palladium-Catalysed Direct Arylation. *Chemistry - A European Journal*, **2017**, 23, 2788-2791	4.8	22
159	Palladium-catalysed direct diarylations of pyrazoles with aryl bromides: a one step access to 4,5-diarylpyrazoles. *Tetrahedron Letters*, **2014**, 55, 1697-1701	2	22
158	One-Pot Synthesis of Furo- or Thienoquinolines through Sequential Imination and Intramolecular Palladium-Catalyzed Direct Arylation. *European Journal of Organic Chemistry*, **2012**, 2012, 6745-6751	3.2	22
157	Palladium/tetraphosphine catalyzed suzuki cross-coupling of heteroarylboronic acids with aryl halides. *Journal of Heterocyclic Chemistry*, **2008**, 45, 109-118	1.9	22
156	Suzuki Coupling of Cyclopropylboronic Acid With Aryl Halides Catalyzed by a Palladium Tetraphosphine Complex. *Synthetic Communications*, **2006**, 36, 121-128	1.7	22
155	Sonogashira reaction of heteroaryl halides with alkynes catalysed by a palladium-tetraphosphine complex. *Journal of Molecular Catalysis A*, **2006**, 256, 75-84		22
154	Palladium-Catalyzed Regioselective CH Bond Arylations of Benzoxazoles and Benzothiazoles at the C7 Position. *ACS Catalysis*, **2016**, 6, 4248-4252	13.1	21
153	Exploring Green Solvents Associated to Pd/C as Heterogeneous Catalyst for Direct Arylation of Heteroaromatics with Aryl Bromides. *Advanced Synthesis and Catalysis*, **2018**, 360, 3306-3317	5.6	21
152	Formyl Substituent at C-4 of Pyrazoles: A Temporary Protecting Group for Regioselective Palladium-Catalyzed Direct Arylation at C-5. *European Journal of Organic Chemistry*, **2014**, 2014, 1778-1786	3.2	21
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