Jean-Franois Soul

List of Publications by Citations

200 papers	7,043 citations	46 h-index	76 g-index
234 ext. papers	7,805 ext. citations	5.5 avg, IF	6.49 L-index

#	Paper	IF	Citations
200	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
199	Photoredox Catalysis for Building C-C Bonds from C(sp)-H Bonds. *Chemical Reviews*, **2018**, 118, 7532-7585	58.1	392
198	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
197	Powerful amide synthesis from alcohols and amines under aerobic conditions catalyzed by gold or gold/iron, -nickel or -cobalt nanoparticles. *Journal of the American Chemical Society*, **2011**, 133, 18550-3	16.4	236
196	Regioselectivity in palladium-catalysed direct arylation of 5-membered ring heteroaromatics. *Catalysis Science and Technology*, **2016**, 6, 2005-2049	5.5	162
195	Greener solvents for ruthenium and palladium-catalysed aromatic C?H bond functionalisation. *Green Chemistry*, **2011**, 13, 741	10	152
194	Functionalization of C?H 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
193	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
192	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
191	Ligand-less palladium-catalyzed direct 5-arylation of thiophenes at low catalyst loadings. *Green Chemistry*, **2009**, 11, 425	10	115
190	Ligand-free palladium-catalyzed direct arylation of thiazoles at low catalyst loadings. *Journal of Organic Chemistry*, **2009**, 74, 1179-86	4.2	104
189	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
188	Carbonates: eco-friendly solvents for palladium-catalysed direct arylation of heteroaromatics. *Green Chemistry*, **2010**, 12, 2053	10	101
187	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
186	Ligand-free palladium-catalysed direct arylation of heteroaromatics using low catalyst loadings. *ChemSusChem*, **2008**, 1, 404-7	8.3	91
185	Selective imine formation from alcohols and amines catalyzed by polymer incarcerated gold/palladium alloy nanoparticles with molecular oxygen as an oxidant. *Chemical Communications*, **2013**, 49, 355-7	5.8	89
184	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

183	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
182	Palladium-Catalyzed Direct Arylation of Furans via C□H Functionalization at Low Catalyst Loadings. *Organometallics*, **2007**, 26, 472-474	3.8	83
181	Synthesis of (Poly)fluorobiphenyls through Metal-catalyzed C?H Bond Activation/Arylation of (Poly)fluorobenzene Derivatives. *ChemCatChem*, **2014**, 6, 1824-1859	5.2	76
180	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
179	Palladium-Catalysed Direct Arylation of Heteroaromatics Bearing Unprotected Hydroxyalkyl Functions using Aryl Bromides. *Advanced Synthesis and Catalysis*, **2010**, 352, 696-710	5.6	75
178	Palladium-catalysed direct arylation of thiophenes tolerant to silyl groups. *Chemical Communications*, **2011**, 47, 1872-4	5.8	74
177	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
176	Ligand-Free-Palladium-Catalyzed Direct 4-Arylation of Isoxazoles Using Aryl Bromides. *European Journal of Organic Chemistry*, **2009**, 2009, 4041-4050	3.2	67
175	Phosphine-free palladium-catalysed direct 5-arylation of imidazole derivatives at low catalyst loading. *Tetrahedron*, **2009**, 65, 9772-9781	2.4	64
174	Palladium-catalyzed direct heteroarylation of chloropyridines and chloroquinolines. *Journal of Organometallic Chemistry*, **2009**, 694, 455-465	2.3	63
173	Application of Palladium-Catalyzed C(sp2)□H Bond Arylation to the Synthesis of Polycyclic (Hetero)Aromatics. *CheM*, **2019**, 5, 2006-2078	16.2	61
172	Palladium-catalyzed direct arylation of free NH2-substituted thiophene derivatives. *Organic Letters*, **2010**, 12, 4320-3	6.2	61
171	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
170	Copolymer-incarcerated nickel nanoparticles with N-heterocyclic carbene precursors as active cross-linking agents for Corriu-Kumada-Tamao reaction. *Journal of the American Chemical Society*, **2013**, 135, 10602-5	16.4	60
169	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
168	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
167	Palladium catalyzed direct 3-arylation of benzofurans using low catalyst loadings. *ChemSusChem*, **2010**, 3, 367-76	8.3	59
166	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

165	Cyclopentyl methyl ether: an alternative solvent for palladium-catalyzed direct arylation of heteroaromatics. *ChemSusChem*, **2011**, 4, 526-34	8.3	58
164	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
163	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
162	Palladium-catalysed direct 3- or 4-arylation of thiophene derivatives using aryl bromides. *Tetrahedron Letters*, **2009**, 50, 2778-2781	2	55
161	Palladium-Catalysed Direct Polyarylation of Pyrrole Derivatives. *ChemCatChem*, **2013**, 5, 255-262	5.2	54
160	Size of gold nanoparticles driving selective amide synthesis through aerobic condensation of aldehydes and amines. *Angewandte Chemie - International Edition*, **2015**, 54, 7564-7	16.4	54
159	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
158	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
157	Late stage modifications of P-containing ligands using transition-metal-catalysed C-H bond functionalisation. *Chemical Communications*, **2018**, 54, 7265-7280	5.8	50
156	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
155	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
154	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
153	Eco-friendly solvents for palladium-catalyzed desulfitative C-H bond arylation of heteroarenes. *ChemSusChem*, **2015**, 8, 1794-804	8.3	45
152	Heck reaction of aryl halides with linear or cyclic alkenes catalysed by a tetraphosphine/palladium catalyst. *Tetrahedron Letters*, **2003**, 44, 1221-1225	2	43
151	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
150	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
149	Carbonates: ecofriendly solvents for palladium-catalyzed direct 2-arylation of oxazole derivatives. *ChemSusChem*, **2009**, 2, 951-6	8.3	39
148	Environmentally Benign Arylations of 5-Membered Ring Heteroarenes by Pd-Catalyzed C H Bonds Activations. *ChemCatChem*, **2019**, 11, 269-286	5.2	39

147	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
146	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
145	Direct amidation from alcohols and amines through a tandem oxidation process catalyzed by heterogeneous-polymer-incarcerated gold nanoparticles under aerobic conditions. *Chemistry - an Asian Journal*, **2013**, 8, 2614-26	4.5	35
144	Solvent-free palladium-catalyzed direct arylation of heteroaromatics with aryl bromides. *ChemSusChem*, **2012**, 5, 1559-67	8.3	35
143	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
142	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
141	Remarkable stereoselectivity in intramolecular Borono-Mannich reactions: synthesis of conduramines. *Organic Letters*, **2012**, 14, 544-7	6.2	34
140	Coupling the Petasis condensation to an iron(III) chloride-promoted cascade provides a short synthesis of Relenza congeners. *Organic Letters*, **2010**, 12, 5322-5	6.2	34
139	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
138	Rh -Catalyzed P -Directed C-H Bond Alkylation: Design of Multifunctional Phosphines for Carboxylation of Aryl Bromides with Carbon Dioxide. *Angewandte Chemie - International Edition*, **2019**, 58, 14110-14114	16.4	32
137	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
136	Palladium-Catalyzed Direct Arylations of Five-Membered Heteroarenes Bearing N-Monoalkylcarboxamide Substituents. *European Journal of Organic Chemistry*, **2011**, 2011, 4373-4385	3.2	31
135	Reactivity of 3-Substituted Fluorobenzenes in Palladium- Catalysed Direct Arylations with Aryl Bromides. *Advanced Synthesis and Catalysis*, **2014**, 356, 1586-1596	5.6	30
134	Synthesis of heteroarylated polyfluorobiphenyls via palladium-catalyzed sequential sp2 C-H bonds functionalizations. *Journal of Organic Chemistry*, **2013**, 78, 4177-83	4.2	30
133	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
132	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
131	Access to 3-(2-Oxoalkyl)-azaspiro[4.5]trienones via Acid-Triggered Oxidative Cascade Reaction through Alkenyl Peroxide Radical Intermediate. *Advanced Synthesis and Catalysis*, **2019**, 361, 445-450	5.6	29
130	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

129	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
128	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
127	Congested ferrocenyl polyphosphanes bearing electron-donating or electron-withdrawing phosphanyl groups: assessment of metallocene conformation from NMR spin couplings and use in palladium-catalyzed chloroarenes activation. *Inorganic Chemistry*, **2011**, 50, 11592-603	5.1	28
126	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
125	Rhenium and Manganese Complexes Bearing Amino-Bis(phosphinite) Ligands: Synthesis, Characterization, and Catalytic Activity in Hydrogenation of Ketones. *Organometallics*, **2018**, 37, 1271-1279	2.8	26
124	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
123	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
122	Phosphine-free palladium-catalysed direct C2-arylation of benzothiophenes with aryl bromides. *Tetrahedron*, **2013**, 69, 7082-7089	2.4	25
121	Access to Alternative Regioisomers for Palladium-Catalysed Direct Arylations of (Benzo)thiophenes. *ChemCatChem*, **2013**, 5, 3495-3496	5.2	24
120	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
119	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
118	Palladium-catalysed direct arylations of NH-free pyrrole and N-tosylpyrrole with aryl bromides. *Tetrahedron Letters*, **2012**, 53, 509-513	2	23
117	Synthesis of 2-Pyridinemethyl Ester Derivatives from Aldehydes and 2-Alkylheterocycle N-Oxides via Copper-Catalyzed Tandem Oxidative Coupling-Rearrangement. *Organic Letters*, **2017**, 19, 6720-6723	6.2	23
116	Unprecedented Access to Arylated Selenophenes through Palladium-Catalysed Direct Arylation. *Chemistry - A European Journal*, **2017**, 23, 2788-2791	4.8	22
115	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
114	Palladium-Catalyzed Regioselective C H Bond Arylations of Benzoxazoles and Benzothiazoles at the C7 Position. *ACS Catalysis*, **2016**, 6, 4248-4252	13.1	21
113	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
112	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

111	Ester as a blocking group for palladium-catalysed direct forced arylation at the unfavourable site of heteroaromatics: simple access to the less accessible regioisomers. *Green Chemistry*, **2012**, 14, 1111	10	21
110	Catalytic System for Inhibition of Amination-Type Reaction and Palladium-Catalysed Direct Arylation using Non-Protected Pyrazole Derivatives. *Advanced Synthesis and Catalysis*, **2012**, 354, 747-750	5.6	21
109	Copper-Catalyzed Oxidative Dehydrogenative C(sp)-H Bond Amination of (Cyclo)Alkanes using NH-Heterocycles as Amine Sources. *ChemSusChem*, **2017**, 10, 3075-3082	8.3	20
108	Palladium-Catalyzed Cascade sp2 CH Bond Functionalizations Allowing One-Pot Access to 4-Aryl-1,2,3,4-tetrahydroquinolines from N-Allyl-N-arylsulfonamides. *ACS Catalysis*, **2016**, 6, 8121-8126	13.1	20
107	Palladium-Catalyzed Iterative CH Bond Arylations: Synthesis of Medium-Size Heterocycles with a Bridgehead Nitrogen Atom. *ChemCatChem*, **2015**, 7, 3544-3554	5.2	20
106	Catalyst-Controlled Regiodivergent CH Arylation Site of Fluorinated 2-Arylpyridine Derivatives: Application to Luminescent Iridium(III) Complexes. *ACS Catalysis*, **2019**, 9, 1320-1328	13.1	20
105	Direct C3-Arylation of 2 H-Indazole Derivatives with Aryl Bromides by using Low Loading of a Phosphine-free Palladium Catalyst. *ChemCatChem*, **2017**, 9, 2239-2249	5.2	19
104	Environmentally-Safe Conditions for a Palladium-Catalyzed Direct C3-Arylation with High Turn Over Frequency of Imidazo[1,2-b]pyridazines Using Aryl Bromides and Chlorides. *Chemistry - an Asian Journal*, **2016**, 11, 2443-52	4.5	19
103	Intermolecular versus Intramolecular Palladium-Catalyzed Direct Arylations between 1-(2-Bromobenzyl)imidazoles and Aryl Bromides. *Advanced Synthesis and Catalysis*, **2015**, 357, 2869-2882	5.6	19
102	Reactivity of 2,1-Benzisoxazole in Palladium-Catalyzed Direct Arylation with Aryl Bromides. *ChemCatChem*, **2016**, 8, 1583-1590	5.2	19
101	An unexpected copper-catalyzed carbonylative acetylation of amines. *Chemical Communications*, **2016**, 53, 142-144	5.8	18
100	Palladium-catalysed direct regiospecific arylation at C5 of thiophenes bearing SO2R substituents at C3. *RSC Advances*, **2012**, 2, 7197	3.7	18
99	Palladium-catalysed direct arylations of heteroaromatics using more eco-compatible solvents pentan-1-ol or 3-methylbutan-1-ol. *Tetrahedron Letters*, **2011**, 52, 1383-1387	2	18
98	Size of Gold Nanoparticles Driving Selective Amide Synthesis through Aerobic Condensation of Aldehydes and Amines. *Angewandte Chemie*, **2015**, 127, 7674-7677	3.6	17
97	Selective Lactam Formation from Amino Alcohols Using Polymer-Incarcerated Gold and Gold/Cobalt Nanoparticles as Catalysts under Aerobic Oxidative Conditions. *Asian Journal of Organic Chemistry*, **2012**, 1, 319-321	3	17
96	Palladium-catalysed direct arylation of heteroaromatics with functionalised bromopyridines. *Tetrahedron*, **2012**, 68, 7655-7662	2.4	17
95	Palladium-acetate catalyst for regioselective direct arylation at C2 of 3-furanyl or 3-thiophenyl acrylates with inhibition of Heck type reaction. *Tetrahedron*, **2013**, 69, 4381-4388	2.4	17
94	Palladium-catalysed direct polyheteroarylation of di- or tribromobenzene derivatives: a one step synthesis of conjugated poly(hetero)aromatics. *RSC Advances*, **2011**, 1, 1527	3.7	17

93	Ruthenium-Catalyzed C–H Bond Alkylation of Arylphosphine Oxides with Alkenes: A Straightforward Access to Bifunctional Phosphorous Ligands with a Pendent Carboxylate. *ChemCatChem*, **2017**, 9, 3117-3120	5.2	16
92	Iron-catalyzed carbonylative alkyl-acylation of heteroarenes. *Journal of Catalysis*, **2019**, 372, 272-276	7.3	16
91	Reactivity of Para-Substituted Fluorobenzenes in Palladium-catalyzed Intermolecular Direct Arylations. *ChemCatChem*, **2015**, 7, 2130-2140	5.2	16
90	Direct access to 2-(hetero)arylated pyridines from 6-substituted 2-bromopyridines via phosphine-free palladium-catalyzed C–H bond arylations: the importance of the C6 substituent. *RSC Advances*, **2016**, 6, 17110-17117	3.7	15
89	Conditions for palladium-catalyzed direct arylations of 4-bromo and 4-iodo N-substituted pyrazoles without C–Br or C– bond cleavage. *Organic Chemistry Frontiers*, **2015**, 2, 917-926	5.2	15
88	Benzenesulfonyl Chlorides: Alternative Coupling Partners for Regiocontrolled Palladium-Catalyzed Direct Desulfitative 5-Arylation of Furans. *Synthesis*, **2014**, 46, 2515-2523	2.9	15
87	Palladium-catalyzed direct arylation using free NH2 substituted thiophene derivatives with inhibition of amination type reaction. *Tetrahedron*, **2012**, 68, 7463-7471	2.4	14
86	Synthesis of Phenanthrothiazoles and 1,2-Di(heteroaryl)benzenes through Successive Pd-Catalyzed Direct Arylations. *Journal of Organic Chemistry*, **2017**, 82, 3886-3894	4.2	13
85	Effective modulation of the photoluminescence properties of 2,1,3-benzothiadiazoles and 2,1,3-benzoselenadiazoles by Pd-catalyzed C–H bond arylations. *Journal of Materials Chemistry C*, **2018**, 6, 1731-1737	7.1	13
84	Reactivity of 1-(2-bromobenzyl)-4-halopyrazoles in intermolecular and intramolecular Pd-catalysed direct arylations. *Tetrahedron*, **2016**, 72, 4312-4320	2.4	13
83	One pot Pd(OAc)2-catalysed 2,5-diarylation of imidazoles derivatives. *Tetrahedron*, **2014**, 70, 8316-8323	2.4	13
82	Palladium-Catalysed Regioselective Direct Arylations of Heteroarenes by Bromobenzamides: Direct Synthesis of Heteroaryl Benzamides. *ChemCatChem*, **2013**, 5, 1956-1963	5.2	13
81	Palladium-Catalyzed C-H Bond Functionalization of 6,6-Diphenylfulvenes: An Easier Access to C1-Arylated and C1,C4-Diarylated Fulvenes. *Organic Letters*, **2017**, 19, 2584-2587	6.2	12
80	Synthesis of 2-Arylpyridines and 2-Arylbipyridines via Photoredox-Induced Meerwein Arylation with in Situ Diazotization of Anilines. *Journal of Organic Chemistry*, **2020**, 85, 3655-3663	4.2	12
79	Identification of novel antifungal agents: antimicrobial evaluation, SAR, ADME-Tox and molecular docking studies of a series of imidazole derivatives. *BMC Chemistry*, **2019**, 13, 100	3.7	12
78	Influence of 1,3-Difluorobenzene Substituents for Palladium-Catalyzed Direct Arylations. *European Journal of Organic Chemistry*, **2013**, 2013, 7152-7163	3.2	12
77	Palladium-catalyzed 2,5-diheteroarylation of 2,5-dibromothiophene derivatives. *Beilstein Journal of Organic Chemistry*, **2014**, 10, 2912-9	2.5	12
76	Palladium-catalyzed direct desulfitative C2 arylations of 3-halo-N-protected indoles using (hetero)arenesulfonyl chlorides. *Organic and Biomolecular Chemistry*, **2016**, 14, 4947-56	3.9	12

75	Halo-substituted benzenesulfonyls and benzenesulfinates: convenient sources of arenes in metal-catalyzed C-C bond formation reactions for the straightforward access to halo-substituted arenes. *Organic and Biomolecular Chemistry*, **2018**, 16, 4399-4423	3.9	11
74	Regiocontroled Palladium-Catalysed Direct Arylation at Carbon C2 of Benzofurans using Benzenesulfonyl Chlorides as the Coupling Partners. *ChemCatChem*, **2014**, 6, n/a-n/a	5.2	11
73	Palladium-Catalysed Desulfitative Heck Reaction Tolerant to Aryl Carbon–Halogen Bonds for Access to (Poly)halo-Substituted Stilbene or Cinnamate Derivatives. *Synthesis*, **2016**, 48, 3097-3106	2.9	11
72	Desulfitative Pd-catalysed coupling reaction using benzenesulfonyl chlorides and enones as the coupling partners. *Catalysis Science and Technology*, **2015**, 5, 2904-2912	5.5	10
71	Late-Stage Diversification of Biarylphosphines through Rhodium(I)-Catalyzed C-H Bond Alkenylation with Internal Alkynes. *Organic Letters*, **2020**, 22, 5936-5940	6.2	10
70	Reactivity of C–H bonds of polychlorobenzenes for palladium-catalysed direct arylations with aryl bromides. *Catalysis Science and Technology*, **2014**, 4, 352-360	5.5	10
69	Effective Tools for the Metal-Catalyzed Regiodivergent Direct Arylations of (Hetero)arenes. *Chemical Record*, **2021**, 21, 343-356	6.6	10
68	Palladium-Catalyzed Regioselective Direct Arylation of Benzofurazans at the C-4 Position. *Advanced Synthesis and Catalysis*, **2017**, 359, 2448-2456	5.6	9
67	Reactivity of 3-(pyrrol-1-yl)thiophenes in Pd-catalysed direct arylations. *Tetrahedron*, **2015**, 71, 6586-6593	2.4	9
66	Reactivity of (poly)fluorobenzamides in palladium-catalysed direct arylations. *RSC Advances*, **2016**, 6, 62866-62875	3.7	9
65	Quinoxaline as an integrated directing group in palladium-catalyzed ortho-C–H bond arylation of the aryl unit of 2-arylquinoxalines. *New Journal of Chemistry*, **2018**, 42, 16036-16039	3.6	9
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