Corinne Gosmini

List of Publications by Year
in descending order

64 papers	3,914 citations	101543 36 h-index	123424 61 g-index
80 all docs	80 docs citations	80 times ranked	2001 citing authors

#	Article	IF	Citations
1	Cobalt Bromide-Catalyzed Negishi-Type Cross-Coupling of Amides. Organic Letters, 2022, 24, 2778-2782.	4.6	5
2	Cobalt Complexes Supported by Phosphinoquinoline Ligands for the Catalyzed Hydrosilylation of Carbonyl Compounds. Chemistry - A European Journal, 2022, 28, .	3.3	7
3	Dehalogenation and Desulfonation from Aryl and Alkyl Compounds with a Cobalt Catalyst in the Presence of Alcohol. Asian Journal of Organic Chemistry, 2021, 10, 3275.	2.7	2
4	Cobalt-Catalyzed C(sp²â€“CN Bond Activation: Cross-Electrophile Coupling for Biaryl Formation and Mechanistic Insight. ACS Catalysis, 2020, 10, 12819-12827.	11.2	42
5	CO₂ activation by electrogenerated divalent samarium for aryl halide carboxylation. Organic and Biomolecular Chemistry, 2019, 17, 8546-8550.	2.8	38
6	Deciphering preferred geometries of pyridylmethylamines-based complexes: A robust strategy combining NMR, DFT and X-ray. Inorganica Chimica Acta, 2019, 498, 119070.	2.4	3
7	Sequential Organozinc Formation and Negishi Crossâ€Coupling of Amides Catalysed by Cobalt Salt. Advanced Synthesis and Catalysis, 2019, 361, 1777-1780.	4.3	22
8	Zinc Chloride Mediated Synthesis of 3Hâ€Oxazolâ€2â€one and Pyrroloâ€oxazinâ€1â€one from Ynamide. European Journal of Organic Chemistry, 2019, 2019, 5175-5179.	2.4	19
9	Co^Iâ€Catalyzed Barbier Reactions of Aromatic Halides with Aromatic Aldehydes and Imines. Chemistry - A European Journal, 2019, 25, 4491-4495.	3.3	16
10	Nâ€Bocâ€Amides in Crossâ€Coupling Reactions. Chemistry - A European Journal, 2019, 25, 2663-2674.	3.3	51
11	Synthesis by a Cost-Effective Method and Electroluminescence of a Novel Efficient Yellowish-Green Thermally Activated Delayed Fluorescent Molecule. ACS Omega, 2018, 3, 2254-2260.	3.5	18
12	Grignard Reagents and Cobalt. ChemistrySelect, 2018, 3, .	1.5	0
13	Cobaltâ€Catalyzed Formation of Functionalized Diarylmethanes from Benzylmesylates and Aryl Halides. Advanced Synthesis and Catalysis, 2018, 360, 3026-3029.	4.3	17
14	Cobalt-Catalyzed Formation of 2-Pyridylzinc Reagents and Their Subsequent Coupling. Synthesis, 2018, 50, 2595-2600.	2.3	8
15	Cobaltâ€Catalyzed Esterification of Amides. Chemistry - A European Journal, 2017, 23, 10043-10047.	3.3	90
16	Cobalt-Catalyzed Carbozincation of Ynamides. Journal of Organic Chemistry, 2017, 82, 1254-1259.	3.2	26
17	Cobaltâ€Catalyzed Reductive Crossâ€Coupling Between Styryl and Benzyl Halides. Chemistry - A European Journal, 2017, 23, 250-253.	3.3	34
18	Cobaltâ€Catalyzed Reductive Crossâ€Coupling Between Benzyl Chlorides and Aryl Halides. Advanced Synthesis and Catalysis, 2016, 358, 2431-2435.	4.3	26

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19	Synthesis of Symmetrical Diaryl Ketones by Cobaltâ€Catalyzed Reaction of Arylzinc Reagents with Ethyl Chloroformate. European Journal of Organic Chemistry, 2016, 2016, 4554-4560.	2.4	31
20	Cobaltâ€Catalyzed Câ^'C Homocoupling. Advanced Synthesis and Catalysis, 2016, 358, 2427-2430.	4.3	23
21	A practical cobalt-catalyzed cross-coupling of benzylic zinc reagents with aryl and heteroaryl bromides or chlorides. Chemical Communications, 2016, 52, 3171-3174.	4.1	38
22	Cobaltâ€Catalyzed Electrophilic Cyanation of Arylzinc Halides with Nâ€Cyanoâ€Nâ€phenylâ€pâ€methylbenzenesulfonamide (NCTS). Advanced Synthesis and Catalysis, 2015, 357, 3419-3423.	4.3	16
23	Reductive Crossâ€Coupling Reactions between Two Electrophiles. Chemistry - A European Journal, 2014, 20, 6828-6842.	3.3	535
24	Cobaltâ€Catalyzed Crossâ€Coupling of Organozinc Halides with Bromoalkynes. Advanced Synthesis and Catalysis, 2014, 356, 2937-2942.	4.3	38
25	Cobaltâ€Catalyzed Electrophilic Amination of Arylzincs with Nâ€Chloroamines. Chemistry - A European Journal, 2013, 19, 6225-6229.	3.3	55
26	Cobalt-Catalyzed Vinylation of Aromatic Halides Using Î²-Halostyrene: Experimental and DFT Studies. Journal of Organic Chemistry, 2012, 77, 5056-5062.	3.2	49
27	Cobalt-catalysed synthesis of highly substituted styrene derivatives via arylzincation of alkynes. Chemical Communications, 2012, 48, 11561.	4.1	42
28	Cobaltâ€Catalyzed Reductive Allylation of Alkyl Halides with Allylic Acetates or Carbonates. Angewandte Chemie - International Edition, 2011, 50, 10402-10405.	13.8	118
29	Roomâ€Temperature Palladiumâ€Catalyzed Negishiâ€Type Coupling: A Combined Experimental and Theoretical Study. Chemistry - A European Journal, 2011, 17, 14389-14393.	3.3	22
30	Cobaltâ€Catalyzed Crossâ€Coupling Reactions of Aryl Halides. Israel Journal of Chemistry, 2010, 50, 568-576.	2.3	75
31	Direct Method for Carbonâ€"Carbon Bond Formation: The Functional Group Tolerant Cobaltâ€Catalyzed Alkylation of Aryl Halides. Chemistry - A European Journal, 2010, 16, 5848-5852.	3.3	100
32	Cobalt-catalyzed Câ€"SMe bond activation of heteroaromatic thioethers. Chemical Communications, 2010, 46, 5972.	4.1	63
33	Cobaltâ€Catalyzed Formation of Symmetrical Biaryls and Its Mechanism. Chemistry - A European Journal, 2009, 15, 4770-4774.	3.3	76
34	Synthesis of functionalized 2-arylpyridines from 2-halopyridines and various aryl halides via a nickel catalysis. Tetrahedron, 2009, 65, 6141-6146.	1.9	54
35	Cobalt-Catalyzed Cross-Coupling Between In Situ Prepared Arylzinc Halides and 2-Chloropyrimidine or 2-Chloropyrazine. Journal of Organic Chemistry, 2009, 74, 3221-3224.	3.2	66
36	Efficient Cobaltâ€Catalyzed Formation of Unsymmetrical Biaryl Compounds and Its Application in the Synthesis of a Sartan Intermediate. Angewandte Chemie - International Edition, 2008, 47, 2089-2092.	13.8	159

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37	Cobalt-catalyzed cross-coupling reactions. Chemical Communications, 2008, , 3221.	4.1	247
38	Synthesis of functionalised diarylmethanes via a cobalt-catalysed cross-coupling of arylzinc species with benzyl chlorides. Chemical Communications, 2008, , 5019.	4.1	98
39	A novel transmetallation of arylzinc species into arylboronates from aryl halides in a barbier procedure. Chemical Communications, 2007, , 3667.	4.1	22
40	Ni-catalyzed activation of Î±-chloroesters: a simple method for the synthesis of Î±-arylesters and Î²-hydroxyesters. Tetrahedron, 2007, 63, 1146-1153.	1.9	93
41	CoBr2(Bpy):Â An Efficient Catalyst for the Direct Conjugate Addition of Aryl Halides or Triflates onto Activated Olefins. Journal of Organic Chemistry, 2006, 71, 6130-6134.	3.2	71
42	2,2â€²-Bipyridine: An Efficient Ligand in the Cobalt-Catalyzed Synthesis of Organozinc Reagents from Aryl Chlorides and Sulfonates. Synlett, 2006, 2006, 881-884.	1.8	7
43	Cobalt-Catalyzed Vinylation of Functionalized Aryl Halides with Vinyl Acetates. European Journal of Organic Chemistry, 2005, 2005, 989-992.	2.4	75
44	New Efficient Preparation of Functionalized Arylzinc or Thienylzinc ÂCompounds from Aryl or Thienyl Chlorides Using Cobalt Catalysis. Synlett, 2005, 2005, 2171-2174.	1.8	43
45	New and simple one-step cobalt-catalyzed preparation of functionalized arylstannanes from the corresponding aryl bromides or iodides. Organic and Biomolecular Chemistry, 2005, 3, 216-217.	2.8	23
46	Cobalt-Catalyzed Allylation of Aldimines by Allylic Acetates. Letters in Organic Chemistry, 2004, 1, 105-108.	0.5	8
47	Convenient Processes for the Synthesis of Aromatic Ketones from Aryl Bromides and Carboxylic Anhydrides Using a Cobalt Catalysis. Journal of Organic Chemistry, 2004, 69, 936-942.	3.2	67
48	Mechanism(s) of the cobalt-catalyzed electrochemical coupling between aromatic halides and allylic acetates. Journal of Electroanalytical Chemistry, 2004, 562, 255-260.	3.8	24
49	New Chemical Synthesis of Functionalized Arylzinc Compounds from Aromatic or Thienyl Bromides under Mild Conditions Using a Simple Cobalt Catalyst and Zinc Dust. Journal of the American Chemical Society, 2003, 125, 3867-3870.	13.7	175
50	A convenient method for the preparation of aromatic ketones from acyl chlorides and arylzinc bromides using a cobalt catalysis. Tetrahedron, 2003, 59, 8199-8202.	1.9	44
51	New progress in the cobalt-catalysed synthesis of aromatic organozinc compounds by reduction of aromatic halides by zinc dust. Tetrahedron Letters, 2003, 44, 6417-6420.	1.4	64
52	Cobalt-catalyzed electrochemical vinylation of aryl halides using vinylic acetates. Tetrahedron, 2003, 59, 2999-3002.	1.9	67
53	Cobalt-Catalyzed Direct Electrochemical Cross-Coupling between Aryl or Heteroaryl Halides and Allylic Acetates or Carbonates. Journal of Organic Chemistry, 2003, 68, 1142-1145.	3.2	98
54	New Chemical Cross-Coupling between Aryl Halides and Allylic Acetates Using a Cobalt Catalyst. Organic Letters, 2003, 5, 1043-1045.	4.6	103

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55	Synthesis of unsymmetrical biaryls by electroreductive cobalt-catalyzed cross-coupling of aryl halides. Tetrahedron, 2002, 58, 8417-8424.	1.9	61
56	Pure acetonitrile as solvent for the efficient electrochemical conversion of aryl bromides in organozinc species and their coupling reaction with acetyl chloride. Tetrahedron Letters, 2002, 43, 5941-5944.	1.4	36
57	Electrochemical vinylation of aryl and vinyl halides with acrylate esters catalyzed by cobalt bromide. Tetrahedron Letters, 2002, 43, 5901-5903.	1.4	37
58	Cobalt-catalyzed electrochemical cross-coupling of functionalized phenyl halides with 4-chloroquinoline derivatives. Tetrahedron Letters, 2001, 42, 267-269.	1.4	41
59	Electrosynthesis of functionalized organodizinc compounds from aromatic dihalides via a cobalt catalysis in acetonitrile/pyridine as solvent. Tetrahedron Letters, 2001, 42, 3843-3846.	1.4	20
60	Cobalt bromide as catalyst in electrochemical addition of aryl halides onto activated olefins. Tetrahedron Letters, 2000, 41, 3385-3388.	1.4	53
61	Electrosynthesis of functionalized 2-arylpyridines from functionalized aryl and pyridine halides catalyzed by nickel bromide 2,2â€²-bipyridine complex. Tetrahedron Letters, 2000, 41, 5039-5042.	1.4	50
62	Electrochemical cross-coupling between functionalized aryl halides and 2-chloropyrimidine or 2-chloropyrazine catalyzed by nickel 2,2â€²-bipyridine complex. Tetrahedron Letters, 2000, 41, 201-203.	1.4	60
63	New Efficient Preparation of Arylzinc Compounds from Aryl Halides Using Cobalt Catalysis and Sacrificial Anode Process. Journal of Organic Chemistry, 2000, 65, 6024-6026.	3.2	71
64	Electrochemical cross-coupling between 2-halopyridines and aryl or heteroaryl halides catalysed by nickel-2,2â€²-bipyridine complexes. Tetrahedron, 1998, 54, 1289-1298.	1.9	68