

# florian Berthiol

## List of Publications by Year in descending order

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44  
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times ranked

1279  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Kinetic Resolution of Racemic $\hat{I}^2$ -Haloalcohols: Direct Access to Enantioenriched Epoxides. <i>Journal of the American Chemical Society</i> , 2008, 130, 13508-13509.	13.7	149
2	Reagent and Catalyst Design for Asymmetric Hypervalent Iodine Oxidations. <i>Synthesis</i> , 2015, 47, 587-603.	2.3	109
3	Sulfonylimidates as Nucleophiles in Catalytic Addition Reactions. <i>Journal of the American Chemical Society</i> , 2008, 130, 1804-1805.	13.7	64
4	Palladium-tetraphosphine complex: an efficient catalyst for the coupling of aryl halides with alkynes. <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2235.	2.8	61
5	Heck reaction with heteroaryl halides in the presence of a palladium-tetraphosphine catalyst. <i>Tetrahedron Letters</i> , 2002, 43, 5625-5628.	1.4	60
6	Fast Racemisation of Chiral Amines and Alcohols by Using Cationic Half-Sandwich Ruthenium and Iridacycle Catalysts. <i>Chemistry - A European Journal</i> , 2009, 15, 12780-12790.	3.3	60
7	Suzuki Cross-Coupling Reactions between Alkenylboronic Acids and Aryl Bromides Catalysed by a Tetraphosphane-Palladium Catalyst. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1075-1082.	2.4	58
8	Synthesis of Polysubstituted Alkenes by Heck Vinylation or Suzuki Cross-Coupling Reactions in the Presence of a Tetraphosphane-Palladium Catalyst. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1091-1096.	2.4	57
9	Catalytic Asymmetric Michael Reactions with Enamides as Nucleophiles. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7803-7805.	13.8	57
10	Heck reaction of aryl halides with linear or cyclic alkenes catalysed by a tetraphosphine/palladium catalyst. <i>Tetrahedron Letters</i> , 2003, 44, 1221-1225.	1.4	51
11	Combining Designer Cells and Click Chemistry for a One-Pot Four-Step Preparation of Enantiopure $\hat{I}^2$ -Hydroxytriazoles. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2111-2115.	4.3	51
12	Synthesis of $\hat{I}^2$ -aryl ketones by tetraphosphine/palladium catalysed Heck reactions of 2- or 3-substituted allylic alcohols with aryl bromides. <i>Tetrahedron</i> , 2006, 62, 4372-4383.	1.9	41
13	Reaction of aryl di-, tri-, or tetrabromides with arylboronic acids or alkenes in the presence of a palladium-tetraphosphine catalyst. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2786-2798.	1.8	35
14	Ruthenacycles and Iridacycles as Catalysts for Asymmetric Transfer Hydrogenation and Racemisation. <i>Topics in Catalysis</i> , 2010, 53, 1002-1008.	2.8	35
15	Heck reactions of aryl bromides with alk-1-en-3-ol derivatives catalysed by a tetraphosphine/palladium complex. <i>Tetrahedron Letters</i> , 2004, 45, 5633-5636.	1.4	33
16	Catalytic Mannich-Type Reactions of Sulfonylimidates. <i>Bulletin of the Chemical Society of Japan</i> , 2009, 82, 1083-1102.	3.2	32
17	3,3'-Diiodo-BINOL-Fused Maleimides as Chiral Hypervalent Iodine(III) Organocatalysts. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 8094-8096.	2.4	32
18	Electronic Structure and Reactivity of One-Electron-Oxidized Copper(II) Bis(phenolate)-Dipyrrin Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 9708-9719.	4.0	32

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19	Catalytic direct-type substitution reaction of $\hat{\pm}$ -alkyl enolates: a Pd/Brønsted base-catalysed approach to the decarboxylative allylation of sulfonylimidates. <i>Chemical Communications</i> , 2008, , 6354.	4.1	25
20	3,3- $\hat{\pm}$ -Diiodobinaphthol and 3,3- $\hat{\pm}$ -Diiodobiphenol Derivatives as Hypervalent Iodine Organocatalysts for the $\hat{\pm}$ -Oxytosylation of Ketones. <i>Synthesis</i> , 2015, 47, 3859-3873.	2.3	22
21	Asymmetric Hydrogenation of $\hat{\pm}$ , $\hat{\pm}$ -Unsaturated Ester-Phosphonates. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1423-1430.	4.3	20
22	Heck reactions of aryl halides with alk-1-en-3-ol derivatives catalysed by a tetraphosphine-palladium complex. <i>Applied Organometallic Chemistry</i> , 2006, 20, 855-868.	3.5	19
23	Heck Reaction of Protected Allyl Alcohols with Aryl Bromides Catalyzed by a Tetraphosphane-palladium Complex. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 1367-1377.	2.4	16
24	Direct synthesis of cinnamaldehyde derivatives by reaction of aryl bromides with 3,3-diacetoxypropene catalyzed by a palladium-tetraphosphine complex. <i>Catalysis Letters</i> , 2005, 102, 281-284.	2.6	16
25	Copper(II) complex of a Schiff base of dehydroacetic acid: Characterization and aerobic oxidation of benzyl alcohol. <i>Inorganic Chemistry Communication</i> , 2016, 72, 17-22.	3.9	14
26	Palladium-Tetraphosphine Complex Catalysed Heck Reaction of Vinyl Bromides with Alkenes: A Powerful Access to Conjugated Dienes. <i>Synthesis</i> , 2008, 2008, 1142-1152.	2.3	13
27	A Structurally Characterized Cu(III) Complex Supported by a Bis(anilido) Ligand and Its Oxidative Catalytic Activity. <i>Chemistry - A European Journal</i> , 2017, 23, 13929-13940.	3.3	13
28	BINOL-Fused Maleimides - A New Class of C <sub>2</sub> -Symmetric Chiral Imides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1041-1045.	2.4	10
29	Suzuki Coupling of 2-Chloroacrylonitrile, Methyl 2-Chloroacrylate, or 2-Chloroprop-1-en-3-ol with Arylboronic Acids Catalyzed by a Palladium-Tetraphosphine Complex. <i>Synthetic Communications</i> , 2006, 36, 3019-3027.	2.1	8
30	Palladium Catalysed Cross-Coupling of Aryl Bromides with Functionalised Arylboronic Acids in the Presence of a Tetraphosphine Ligand. <i>Synlett</i> , 2002, 2002, 1807-1810.	1.8	7
31	Application of Chiral Sulfinamides into Formation and Reduction of Sulfinylketimines to Obtain Valuable $\hat{\pm}$ -Chiral Primary Amines. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5901-5916.	2.4	6
32	Palladium-Tetraphosphine Catalysed Heck Reaction with Simple Alkenes: Influence of Reaction Conditions on the Migration of the Double Bond. <i>Synthesis</i> , 2007, 2007, 1683-1696.	2.3	4
33	Efficient Synthesis of Substituted Polyarylphthalimides via Cycloaddition of Cyclopentadienones with 2-Bromomaleimide. <i>Synlett</i> , 2011, 2011, 1293-1295.	1.8	4
34	1,2-Additions on Chiral N-Sulfinylketimines: An Easy Access to Chiral $\hat{\pm}$ -Tertiary Amines. <i>Synthesis</i> , 2022, 54, 2309-2329.	2.3	4
35	Unexpected Reduction of N-Hydroxyphthalimides to Phthalimides - Orthogonal Reduction of Functionalized N-Hydroxyphthalimides. <i>Synlett</i> , 2010, 2010, 2263-2266.	1.8	2
36	An unprecedented 7-membered ring enamide cyclization through hypervalent iodine phenolic oxidation. <i>Tetrahedron Letters</i> , 2018, 59, 2293-2295.	1.4	2

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37	Copper Complexes of the Tetradentate N,N'-bis(2-amino-3,5-di-tert-butylphenyl)-2,2'-diaminobiphenyl Ligand. European Journal of Inorganic Chemistry, 2021, 2021, 1481-1489.	2.0	1
38	Heck Reaction of Aryl Halides with Linear or Cyclic Alkenes Catalyzed by a Tetraphosphine/Palladium Catalyst.. ChemInform, 2003, 34, no.	0.0	0
39	Palladium-Tetraphosphine Complex: An Efficient Catalyst for the Coupling of Aryl Halides with Alkynes.. ChemInform, 2003, 34, no.	0.0	0
40	Suzuki Cross-Coupling Reactions Between Alkenylboronic Acids and Aryl Bromides Catalyzed by a Tetraphosphane-Palladium Catalyst.. ChemInform, 2004, 35, no.	0.0	0
41	Heck Reactions of Aryl Bromides with Alk-1-en-3-ol Derivatives Catalyzed by a Tetraphosphine/Palladium Complex.. ChemInform, 2004, 35, no.	0.0	0
42	Reaction of Aryl Di-, Tri-, or Tetrabromides with Arylboronic Acids or Alkenes in the Presence of a Palladium-Tetraphosphine Catalyst.. ChemInform, 2004, 35, no.	0.0	0
43	Reaction of Aryl Di-, Tri-, or Tetrabromides with Arylboronic Acids or Alkenes in the Presence of a Palladium-Tetraphosphine Catalyst.. ChemInform, 2004, 35, no.	0.0	0
44	Heck Reaction of Protected Alk-1-en-3-ol, -4-ols, -5-ol or -6-ol with Aryl Bromides Catalysed by a Palladium Complex Derived from a Tetraphosphine. Synthesis, 2006, 2006, 1518-1536.	2.3	0