

# Christian Bruneau

## List of Publications by Year in descending order

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331  
papers

17,869  
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65  
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117  
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471  
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471  
docs citations

471  
times ranked

9375  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium(II)-Catalyzed C-H Bond Activation and Functionalization. <i>Chemical Reviews</i> , 2012, 112, 5879-5918.	23.0	2,520
2	Metal Vinylidenes in Catalysis. <i>Accounts of Chemical Research</i> , 1999, 32, 311-323.	7.6	485
3	Metal Vinylidenes and Allenylidenes in Catalysis: Applications in Anti-Markovnikov Additions to Terminal Alkynes and Alkene Metathesis. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2176-2203.	7.2	469
4	Transition metal catalyzed nucleophilic allylic substitution: activation of allylic alcohols via $\pi$ -allylic species. <i>Chemical Society Reviews</i> , 2012, 41, 4467.	18.7	426
5	Direct Arylation of Arene C-H Bonds by Cooperative Action of NHCarbene-Ruthenium(II) Catalyst and Carbonate via Proton Abstraction Mechanism. <i>Journal of the American Chemical Society</i> , 2008, 130, 1156-1157.	6.6	367
6	Electrophilic Activation and Cycloisomerization of Enynes: A New Route to Functional Cyclopropanes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2328-2334.	7.2	352
7	Autocatalysis for C-H Bond Activation by Ruthenium(II) Complexes in Catalytic Arylation of Functional Arenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 10161-10170.	6.6	345
8	Cationic Ruthenium Allenylidene Complexes as Catalysts for Ring Closing Olefin Metathesis. <i>Chemistry - A European Journal</i> , 2000, 6, 1847-1857.	1.7	268
9	C-H Bond Functionalization in Water Catalyzed by Carboxylato Ruthenium(II) Systems. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6629-6632.	7.2	240
10	Cationic ruthenium allenylidene complexes as a new class of performing catalysts for ring closing metathesis. <i>Chemical Communications</i> , 1998, , 1315-1316.	2.2	217
11	Chiral monodentate phosphorus ligands for rhodium-catalyzed asymmetric hydrogenation. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 2101-2111.	1.8	212
12	Activation and functionalization of benzylic derivatives by palladium catalysts. <i>Chemical Society Reviews</i> , 2008, 37, 290-299.	18.7	172
13	$sp^3$ C-H Bond Activation with Ruthenium(II) Catalysts and C(3)-Alkylation of Cyclic Amines. <i>Journal of the American Chemical Society</i> , 2011, 133, 10340-10343.	6.6	166
14	General Synthesis of (Z)-Alk-1-en-1-yl Esters via Ruthenium-Catalyzed anti-Markovnikov trans-Addition of Carboxylic Acids to Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 1995, 60, 7247-7255.	1.7	161
15	6-Mesityl,1-Imidazolinyliidene-Carbene-Ruthenium(II) Complexes: Catalytic Activity of their Allenylidene Derivatives in Alkene Metathesis and Cycloisomerisation Reactions. <i>Chemistry - A European Journal</i> , 2003, 9, 2323-2330.	1.7	149
16	Selective transformations of alkynes with ruthenium catalysts. <i>Chemical Communications</i> , 1997, , 507-512.	2.2	146
17	Ruthenium diacetate-catalysed oxidative alkenylation of C-H bonds in air: synthesis of alkenyl N-arylpzrazoles. <i>Green Chemistry</i> , 2011, 13, 3075.	4.6	142
18	First ring-opening metathesis polymerization in an ionic liquid. Efficient recycling of a catalyst generated from a cationic ruthenium allenylidene complex. <i>New Journal of Chemistry</i> , 2002, 26, 1667-1670.	1.4	137

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19	Diethyl carbonate as a solvent for ruthenium catalysed C-H bond functionalisation. <i>Green Chemistry</i> , 2009, 11, 1871.	4.6	131
20	Catalytic synthesis of vinyl carbamates from carbon dioxide and alkynes with ruthenium complexes. <i>Journal of Organic Chemistry</i> , 1989, 54, 1518-1523.	1.7	130
21	Pentamethylcyclopentadienyl-Ruthenium Catalysts for Regio- and Enantioselective Allylation of Nucleophiles. <i>Chemistry - A European Journal</i> , 2006, 12, 5178-5187.	1.7	125
22	[Cp*(1-2-bipy)(MeCN)RuII][PF6] Catalysts for Regioselective Allylic Substitution and Characterization of Dicationic [Cp*(1-2-bipy)(1-3-allyl)RuIV][PF6]2 Intermediates. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5066-5068.	7.2	124
23	Iridium-Catalyzed Oxidant-Free Dehydrogenative C-H Bond Functionalization: Selective Preparation of N-Arylpiperidines through Tandem Hydrogen Transfers. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8876-8880.	7.2	120
24	Ruthenium(IV) Complexes Featuring P,O-Chelating Ligands: Regioselective Substitution Directly from Allylic Alcohols. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2782-2785.	7.2	119
25	Renewable materials as precursors of linear nitrile-acid derivatives via cross-metathesis of fatty esters and acids with acrylonitrile and fumaronitrile. <i>Green Chemistry</i> , 2009, 11, 152-155.	4.6	118
26	First ruthenium complexes with a chelating arene carbene ligand as catalytic precursors for alkene metathesis and cycloisomerisation. <i>New Journal of Chemistry</i> , 2001, 25, 519-521.	1.4	117
27	Ruthenium-catalyzed synthesis of symmetrical N,N'-dialkylureas directly from carbon dioxide and amines. <i>Journal of Organic Chemistry</i> , 1991, 56, 4456-4458.	1.7	110
28	Ethenolysis: A Green Catalytic Tool to Cleave Carbon-Carbon Double Bonds. <i>Chemistry - A European Journal</i> , 2016, 22, 12226-12244.	1.7	106
29	Catalytic incorporation of CO2 into organic substrates: Synthesis of unsaturated carbamates, carbonates and ureas. <i>Journal of Molecular Catalysis</i> , 1992, 74, 97-107.	1.2	100
30	Imidazolium and Imidazolinium Salts as Carbene Precursors or Solvent for Ruthenium-Catalysed Diene and Enyne Metathesis. <i>Advanced Synthesis and Catalysis</i> , 2002, 344, 585.	2.1	99
31	Ruthenium-Catalyzed Cascade N- and C(3)-Dialkylation of Cyclic Amines with Alcohols Involving Hydrogen Autotransfer Processes. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3141-3146.	2.1	98
32	Ruthenium-alkylidene catalysed cross-metathesis of fatty acid derivatives with acrylonitrile and methyl acrylate: a key step toward long-chain bifunctional and amino acid compounds. <i>Green Chemistry</i> , 2011, 13, 2911.	4.6	97
33	Phosphine catalysed synthesis of unsaturated cyclic carbonates from carbon dioxide and propargylic alcohols. <i>Tetrahedron Letters</i> , 1989, 30, 3981-3982.	0.7	95
34	Room temperature operating allenylidene precatalyst [LnRu(1/4)C(1/4)C(1/4)CR2]+X- for olefin metathesis: dramatic influence of the counter anion X-. <i>New Journal of Chemistry</i> , 1999, 23, 141-143.	1.4	94
35	Catalytic synthesis of 3-vinyl-2,5-dihydrofurans from yne-enes promoted by photochemically activated metal-allenylidene LnRu(1/4)C(1/4)C(1/4)CR2 complex. <i>Chemical Communications</i> , 1998, , 2249-2250.	2.2	93
36	Dimethyl Carbonate: An Eco-Friendly Solvent in Ruthenium-Catalyzed Olefin Metathesis Transformations. <i>ChemSusChem</i> , 2008, 1, 813-816.	3.6	91

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37	Alkene metathesis catalysis in ionic liquids with ruthenium allenylidene salts. <i>Chemical Communications</i> , 2002, , 146-147.	2.2	88
38	Enol formates: ruthenium catalysed formation and formylating reagents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 1197.	0.9	87
39	Michael additions of carbonucleophiles to butenone catalyzed by the non-hydride [Ru(O <sub>2</sub> CH)(CO) <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> ] complex. <i>Tetrahedron</i> , 1999, 55, 3937-3948.	1.0	87
40	Ethenolysis of Methyl Oleate in Room-Temperature Ionic Liquids. <i>ChemSusChem</i> , 2008, 1, 118-122.	3.6	86
41	Ruthenium-Catalyzed O-Allylation of Phenols from Allylic Chlorides via Cationic [Cp*(i-3-allyl)(MeCN)RuX][PF <sub>6</sub> ] Complexes. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 835-841.	2.1	85
42	Autocatalytic Intermolecular versus Intramolecular Deprotonation in C-H Bond Activation of Functionalized Arenes by Ruthenium(II) or Palladium(II) Complexes. <i>Chemistry - A European Journal</i> , 2013, 19, 7595-7604.	1.7	85
43	Ruthenium-Catalysed Enantioselective Hydrogenation of Trisubstituted Enamides Derived from 2-Tetralone and 3-Chromanone: Influence of Substitution on the Amide Arm and the Aromatic Ring. <i>Advanced Synthesis and Catalysis</i> , 2003, 345, 230-238.	2.1	82
44	Ruthenium(II)-catalyzed selective monoarylation in water and sequential functionalisations of C-H bonds. <i>Green Chemistry</i> , 2013, 15, 67-71.	4.6	79
45	Ruthenium-Catalysed Additions to Alkynes: Synthesis of Activated Esters and Their Use in Acylation Reactions. <i>Synlett</i> , 1991, 1991, 755-763.	1.0	78
46	Novel ruthenium-catalysed synthesis of furan derivatives via intramolecular cyclization of hydroxy enynes. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 493.	2.0	78
47	First enantioselective allylic etherification with phenols catalyzed by chiral ruthenium bisoxazoline complexes. <i>Chemical Communications</i> , 2004, , 1870.	2.2	76
48	Cross-metathesis transformations of terpenoids in dialkyl carbonate solvents. <i>Green Chemistry</i> , 2011, 13, 1448.	4.6	76
49	Palladium-catalysed direct arylation of thiophenes tolerant to silyl groups. <i>Chemical Communications</i> , 2011, 47, 1872-1874.	2.2	76
50	Ruthenium-carbene catalysts for the synthesis of 2,3-dimethylfuran. <i>Journal of Molecular Catalysis A</i> , 1997, 118, L1-L4.	4.8	75
51	N-Heterocyclic Carbenes: Useful Ligands for the Palladium-Catalysed Direct C5 Arylation of Heteroaromatics with Aryl Bromides or Electron-Deficient Aryl Chlorides. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1798-1805.	1.0	75
52	Ene-yne cross-metathesis with ruthenium carbene catalysts. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 156-166.	1.3	73
53	Synthesis and catalytic applications of palladium N-heterocyclic carbene complexes as efficient pre-catalysts for Suzuki-Miyaura and Sonogashira coupling reactions. <i>New Journal of Chemistry</i> , 2017, 41, 5105-5113.	1.4	73
54	Ruthenium Catalyst Dichotomy: Selective Catalytic Diene Cycloisomerization or Metathesis. <i>Helvetica Chimica Acta</i> , 2001, 84, 3335-3341.	1.0	72

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55	Functional carbonates: cyclic $\hat{\text{I}}^{\pm}$ -methylene and $\hat{\text{I}}^2$ -oxopropyl carbonates from prop-2-ynyl alcohol derivatives and CO <sub>2</sub> . <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 3271-3274.	0.9	71
56	Stereoselective synthesis of Z-enol esters catalysed by [bis(diphenylphosphino)alkane]bis(2-methylpropenyl)ruthenium complexes. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 850-851.	2.0	71
57	Optically Active Amine Derivatives: Ruthenium-Catalyzed Enantioselective Hydrogenation of Enamides. <i>Synlett</i> , 1999, 1999, 1832-1834.	1.0	71
58	Polyamide precursors from renewable 10-undecenenitrile and methyl acrylate via olefin cross-metathesis. <i>Green Chemistry</i> , 2012, 14, 2179.	4.6	71
59	<i>Z</i> Selectivity: Recent Advances in one of the Current Major Challenges of Olefin Metathesis. <i>ChemCatChem</i> , 2013, 5, 3436-3459.	1.8	69
60	Synthesis of Fluorine-Containing Cyclic $\hat{\text{I}}^{\pm}$ -Amino Acid and $\hat{\text{I}}^{\pm}$ -Amino Phosphonate Derivatives by Alkene Metathesis. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 3891-3897.	1.2	66
61	Lewis Acid-Catalyzed Sequential Transformations: Straightforward Preparation of Functional Dihydropyridines. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2571-2574.	2.1	66
62	Selective and Efficient Iridium Catalyst for the Reductive Amination of Levulinic Acid into Pyrrolidones. <i>ChemSusChem</i> , 2017, 10, 4150-4154.	3.6	66
63	A Direct Route to Bifunctional Aldehyde Derivatives via Self- and Cross-Metathesis of Unsaturated Aldehydes. <i>ChemSusChem</i> , 2009, 2, 542-545.	3.6	65
64	Eugenol as a renewable feedstock for the production of polyfunctional alkenes via olefin cross-metathesis. <i>RSC Advances</i> , 2012, 2, 9584.	1.7	65
65	Fluorine-containing $\hat{\text{I}}^{\pm}$ -alkynyl amino esters and access to a new family of 3,4-dehydroproline analogues. <i>New Journal of Chemistry</i> , 2001, 25, 16-18.	1.4	64
66	Rate Studies and Mechanism of Ring-Closing Olefin Metathesis Catalyzed by Cationic Ruthenium Allenylidene Arene Complexes. <i>Organometallics</i> , 2003, 22, 4459-4466.	1.1	64
67	Recovery of Enlarged Olefin Metathesis Catalysts by Nanofiltration in an Eco-Friendly Solvent. <i>ChemSusChem</i> , 2008, 1, 927-933.	3.6	63
68	Novel ruthenium-catalyzed synthesis of 1,3-dioxolan-4-ones from $\hat{\text{I}}^{\pm}$ -hydroxy acids and terminal alkynes via enol esters. <i>Journal of Organometallic Chemistry</i> , 1993, 451, 133-138.	0.8	61
69	Palladium-Catalysed Direct Polyarylation of Pyrrole Derivatives. <i>ChemCatChem</i> , 2013, 5, 255-262.	1.8	60
70	Catalytic synthesis of O- $\hat{\text{I}}^2$ -oxoalkylcarbamates. <i>Tetrahedron Letters</i> , 1987, 28, 2005-2008.	0.7	59
71	Tandem Catalytic Acrylonitrile Cross-Metathesis and Hydrogenation of Nitriles with Ruthenium Catalysts: Direct Access to Linear $\hat{\text{I}}^{\pm}$ -Aminoesters from Renewables. <i>ChemSusChem</i> , 2012, 5, 1410-1414.	3.6	59
72	Ruthenium Phosphine-Pyridone Catalyzed Cross-Coupling of Alcohols To form $\hat{\text{I}}^{\pm}$ -Alkylated Ketones. <i>Journal of Organic Chemistry</i> , 2017, 82, 10727-10731.	1.7	58

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73	Allenylidene $\eta^5$ -ruthenium complexes as versatile precatalysts for alkene metathesis reactions. <i>Journal of Molecular Catalysis A</i> , 2004, 213, 31-37.	4.8	57
74	Synthesis of $\beta$ -amino acid derivatives via enantioselective hydrogenation of $\beta$ -substituted- $\beta$ -(acylamino)acrylates. <i>Coordination Chemistry Reviews</i> , 2008, 252, 532-544.	9.5	57
75	Ruthenium-Catalyzed Reductive Amination of Allylic Alcohols. <i>Organic Letters</i> , 2011, 13, 3964-3967.	2.4	57
76	Ruthenium-Catalyzed Synthesis of Allylic Alcohols: Boronic Acid as a Hydroxide Source. <i>Chemistry - A European Journal</i> , 2008, 14, 5630-5637.	1.7	56
77	Efficient Iridium Catalysts for Base-Free Hydrogenation of Levulinic Acid. <i>Organometallics</i> , 2017, 36, 3152-3162.	1.1	56
78	Ruthenium-catalyzed C-H bond functionalization in cascade and one-pot transformations. <i>Coordination Chemistry Reviews</i> , 2021, 428, 213602.	9.5	56
79	A green route to nitrogen-containing groups: the acrylonitrile cross-metathesis and applications to plant oil derivatives. <i>Green Chemistry</i> , 2011, 13, 2258.	4.6	55
80	A simple synthesis of oxazolidinones in one step from carbon dioxide. <i>Tetrahedron Letters</i> , 1990, 31, 1721-1722.	0.7	54
81	Activation of 1-alkynes at tripodal (polyphosphine)rhodium systems. Regioselective synthesis of enol esters from 1-alkynes and carboxylic acids catalyzed by rhodium(I) monohydrides. <i>Organometallics</i> , 1990, 9, 1155-1160.	1.1	54
82	Synthesis, Characterization and Catalytic Activity of New N-Heterocyclic Bis(carbene)ruthenium Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 1942-1949.	1.0	54
83	Cross-metathesis with acrylonitrile and applications to fatty acid derivatives. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 3-9.	1.0	54
84	Iridium-Catalyzed Hydrogenation and Dehydrogenation of N-Heterocycles in Water under Mild Conditions. <i>ChemSusChem</i> , 2019, 12, 2350-2354.	3.6	54
85	Enantioselective Hydrogenation of the Tetrasubstituted C=C Bond of Enamides Catalyzed by a Ruthenium Catalyst Generated in situ. <i>Advanced Synthesis and Catalysis</i> , 2001, 343, 331-334.	2.1	52
86	Ruthenium-Catalyzed One-Step Transformation of Propargylic Alcohols into Alkylidene Cyclobutenes: X-ray Characterization of an Ru( $\eta^3$ -cyclobutenyl) Intermediate. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2912-2915.	7.2	51
87	Pentamethylcyclopentadienyl ruthenium: an efficient catalyst for the redox isomerization of functionalized allylic alcohols into carbonyl compounds. <i>Tetrahedron</i> , 2008, 64, 11745-11750.	1.0	51
88	N-Alkylation and N,C-Dialkylation of Amines with Alcohols in the Presence of Ruthenium Catalysts with Chelating N-Heterocyclic Carbene Ligands. <i>Organometallics</i> , 2015, 34, 2296-2304.	1.1	51
89	PEPPSI-Type Palladium-NHC Complexes: Synthesis, Characterization, and Catalytic Activity in the Direct C5-Arylation of 2-Substituted Thiophene Derivatives with Aryl Halides. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 1382-1391.	1.0	51
90	Allylic ruthenium(IV) complexes in catalysis. <i>Coordination Chemistry Reviews</i> , 2012, 256, 525-536.	9.5	50

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91	Simple New Three-component Catalytic System for Enyne Metathesis. <i>Synlett</i> , 2001, 2001, 0397-0399.	1.0	49
92	First Transformation of Unsaturated Fatty Esters Involving Enyne Cross-Metathesis. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1115-1122.	2.1	48
93	C-H bond functionalisation with [RuH(codyl) <sub>2</sub> ]BF <sub>4</sub> catalyst precursor. <i>Green Chemistry</i> , 2011, 13, 2315.	4.6	48
94	Benzylic Imidazolidinium, 3,4,5,6-Tetrahydropyrimidinium and Benzimidazolium Salts: Applications in Ruthenium-Catalyzed Allylic Substitution Reactions. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2142-2149.	1.2	47
95	Selective Ruthenium-Catalyzed Hydrochlorination of Alkynes: One-Step Synthesis of Vinylchlorides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12112-12115.	7.2	47
96	Preparation of Optically Active Cyclic Carbonates and 1,2-Diols via Enantioselective Hydrogenation of $\hat{1}\pm$ -Methylenedioxonones Catalyzed by Chiral Ruthenium(II) Complexes. <i>Journal of Organic Chemistry</i> , 1996, 61, 8453-8455.	1.7	46
97	New in situ Generated Ruthenium Catalyst for Enyne Metathesis: Access to Novel Cyclic Siloxanes. <i>Advanced Synthesis and Catalysis</i> , 2001, 343, 184-187.	2.1	46
98	Novel [Ruthenium(substituted-tetramethylcyclopentadiene) (2-quinolinecarboxylato)(allyl)] Hexafluorophosphate Complexes as Efficient Catalysts for Highly Regioselective Nucleophilic Substitution of Aliphatic Allylic Substrates. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1601-1609.	2.1	46
99	Ruthenium-Benzyldienes and Ruthenium-Indenylidienes as Efficient Catalysts for the Hydrogenation of Aliphatic Nitriles into Primary Amines. <i>ChemCatChem</i> , 2012, 4, 1911-1916.	1.8	46
100	Unmasking Amides: Ruthenium-Catalyzed Protodecarbonylation of N-Substituted Phthalimide Derivatives. <i>Organic Letters</i> , 2017, 19, 6404-6407.	2.4	46
101	Selective isomerisation of prop-2-yn-1-ols into $\hat{1}\pm$ , $\hat{1}^2$ -unsaturated aldehydes catalysed by Ru[ $\hat{1}$ -3-CH <sub>2</sub> C(Me)CH <sub>2</sub> ] <sub>2</sub> (Ph 2PCH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> ). <i>Chemical Communications</i> , 1997, , 1201-1202.	2.2	45
102	Direct Preparation of [Ru( $\hat{1}$ -2-O <sub>2</sub> CO)( $\hat{1}$ -6-arene)(L)] Carbonate Complexes (L = Phosphane, Carbene) and Their Use as Precursors of [RuH <sub>2</sub> (p-cymene)(PCy <sub>3</sub> )] and [Ru( $\hat{1}$ -6-arene)(L)(MeCN) <sub>2</sub> ][BF <sub>4</sub> ] <sub>2</sub> : X-ray Crystal Structure Determination of [Ru( $\hat{1}$ -2-O <sub>2</sub> CO)(p-cymene)(PCy <sub>3</sub> )] $\hat{A}$ -1/2CH <sub>2</sub> Cl <sub>2</sub> and [Ru( $\hat{1}$ -2-O <sub>2</sub> CO)( $\hat{1}$ -6-C <sub>6</sub> Me <sub>6</sub> )(PMe <sub>3</sub> )] $\hat{A}$ -H <sub>2</sub> O. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1174-1181.	1.0	45
103	Acceptorless ruthenium catalyzed dehydrogenation of alcohols to ketones and esters. <i>Catalysis Science and Technology</i> , 2012, 2, 1425.	2.1	45
104	Synthesis of N-heterocyclic carbene-palladium-PEPPSI complexes and their catalytic activity in the direct C-H bond activation. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 404-412.	0.8	45
105	Base-Free Dehydrogenation of Aqueous and Neat Formic Acid with Iridium(III) Cp*(dipyridylamine) Catalysts. <i>ChemSusChem</i> , 2019, 12, 179-184.	3.6	45
106	Selective transformations of alkynols catalyzed by ruthenium complexes. <i>Inorganica Chimica Acta</i> , 1994, 222, 155-163.	1.2	44
107	Selective carbon-carbon bond formation: terpenylations of amines involving hydrogen transfers. <i>Green Chemistry</i> , 2013, 15, 775.	4.6	44
108	Ruthenium(II)-Catalysed Functionalisation of C-H Bonds with Alkenes: Alkenylation versus Alkylation. <i>Topics in Organometallic Chemistry</i> , 2015, , 137-188.	0.7	44

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109	Enol esters as intermediates for the facile conversion of amino acids into amides and dipeptides. <i>Tetrahedron Letters</i> , 1991, 32, 5359-5362.	0.7	43
110	Ruthenium-Bisimine: A New Catalytic Precursor for Regioselective Allylic Alkylation. <i>Synlett</i> , 2003, 2003, 0408-0410.	1.0	43
111	Ionic imidazolium containing ruthenium complexes and olefin metathesis in ionic liquids. <i>Journal of Molecular Catalysis A</i> , 2007, 268, 127-133.	4.8	43
112	Ruthenium catalysts for selective nucleophilic allylic substitution. <i>Pure and Applied Chemistry</i> , 2008, 80, 861-871.	0.9	43
113	<i>N</i> -Heterocyclic carbene-palladium catalysts for the direct arylation of pyrrole derivatives with aryl chlorides. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 303-312.	1.3	43
114	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. <i>Journal of Organometallic Chemistry</i> , 1998, 551, 151-157.	0.8	42
115	±-Diimines as nitrogen ligands for ruthenium-catalyzed allylation reactions and related (pentamethylcyclopentadienyl) ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2149-2158.	0.8	42
116	Efficient Synthesis of $\beta$ -Aminoacrylates and $\beta$ -Enaminones Catalyzed by Zn(OAc) <sub>2</sub> ·2H <sub>2</sub> O. <i>Collection of Czechoslovak Chemical Communications</i> , 2005, 70, 1943-1952.	1.0	42
117	Cascade and Sequential Catalytic Transformations Initiated by Ruthenium Catalysts. , 0, , 295-326.		42
118	Palladium-Catalyzed Direct Arylation of 5-Chloropyrazoles: A Selective Access to 4-Aryl Pyrazoles. <i>Journal of Organic Chemistry</i> , 2012, 77, 7659-7664.	1.7	42
119	Enantioselective Hydrogenation of $\beta$ -Acylamino Acrylates Catalyzed by Rhodium(I)-Monophosphite Complexes. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 33-36.	2.1	41
120	Access to 3-Methyl-4-methylene-N-tosylpyrrolidine and 3,4-Dimethyl-N-tosylpyrrolidine by Ruthenium-Catalyzed Cascade Cycloisomerization/Isomerization Reactions. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 418-422.	1.0	41
121	Concomitant Monoreduction and Hydrogenation of Unsaturated Cyclic Imides to Lactams Catalyzed by Ruthenium Compounds. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2021-2023.	7.2	39
122	A straightforward access to guaiazulene derivatives using palladium-catalysed sp <sup>2</sup> or sp <sup>3</sup> C-H bond functionalisation. <i>Chemical Communications</i> , 2013, 49, 5598.	2.2	39
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