

# Christian Bruneau

## List of Publications by Citations

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338  
papers

15,684  
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62  
h-index

110  
g-index

471  
ext. papers

16,812  
ext. citations

5.2  
avg, IF

6.9  
L-index

#	Paper	IF	Citations
338	Ruthenium(II)-catalyzed C-H bond activation and functionalization. <i>Chemical Reviews</i> , <b>2012</b> , 112, 5879-9168	18.1	2254
337	Metal vinylidenes and allenylidenes in catalysis: applications in anti-Markovnikov additions to terminal alkynes and alkene metathesis. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 2176-203	16.4	432
336	Metal Vinylidenes in Catalysis. <i>Accounts of Chemical Research</i> , <b>1999</b> , 32, 311-323	24.3	429
335	Transition metal catalyzed nucleophilic allylic substitution: activation of allylic alcohols via allylic species. <i>Chemical Society Reviews</i> , <b>2012</b> , 41, 4467-83	58.5	347
334	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> , <b>2008</b> , 130, 1156-7	16.4	347
333	Electrophilic activation and cycloisomerization of enynes: a new route to functional cyclopropanes. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 2328-34	16.4	330
332	Autocatalysis for C-H bond activation by ruthenium(II) complexes in catalytic arylation of functional arenes. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 10161-70	16.4	324
331	Cationic ruthenium allenylidene complexes as catalysts for ring closing olefin metathesis. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 1847-57	4.8	230
330	C-H bond functionalization in water catalyzed by carboxylato ruthenium(II) systems. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 6629-32	16.4	221
329	Cationic ruthenium allenylidene complexes as a new class of performing catalysts for ring closing metathesis. <i>Chemical Communications</i> , <b>1998</b> , 1315-1316	5.8	200
328	Chiral monodentate phosphorus ligands for rhodium-catalyzed asymmetric hydrogenation. <i>Tetrahedron: Asymmetry</i> , <b>2004</b> , 15, 2101-2111		162
327	Activation and functionalization of benzylic derivatives by palladium catalysts. <i>Chemical Society Reviews</i> , <b>2008</b> , 37, 290-9	58.5	154
326	sp <sup>3</sup> C-H bond activation with ruthenium(II) catalysts and C(3)-alkylation of cyclic amines. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 10340-3	16.4	136
325	Selective transformations of alkynes with rutheniumcatalysts. <i>Chemical Communications</i> , <b>1997</b> , 507-512	5.8	135
324	Metallvinylidene und -allenylidene in der Katalyse. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 2232-2260	3.6	135
323	Eta <sup>6</sup> -mesityl,eta <sup>1</sup> -imidazolinylidene-carbene-ruthenium(II) complexes: catalytic activity of their allenylidene derivatives in alkene metathesis and cycloisomerisation reactions. <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 2323-30	4.8	134
322	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> , <b>1995</b> , 60, 7247-7255	4.2	134

321	Ruthenium diacetate-catalysed oxidative alkenylation of C≡C bonds in air: synthesis of alkenyl N-arylpyrazoles. <i>Green Chemistry</i> , <b>2011</b> , 13, 3075	10	129
320	Elektrophile Aktivierung und Cycloisomerisierung von Eninen: ein Weg zu funktionalen Cyclopropanen. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 2380-2386	3.6	123
319	Pentamethylcyclopentadienyl-ruthenium catalysts for regio- and enantioselective allylation of nucleophiles. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 5178-87	4.8	121
318	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> , <b>2002</b> , 26, 1667-1670	3.6	120
317	Diethyl carbonate as a solvent for ruthenium catalysed C≡C bond functionalisation. <i>Green Chemistry</i> , <b>2009</b> , 11, 1871	10	119
316	[Cp*(eta <sup>2</sup> -bipy)(MeCN)RuII][PF <sub>6</sub> ] catalysts for regioselective allylic substitution and characterization of dicationic [Cp*(eta <sup>2</sup> -bipy)(eta <sup>3</sup> -allyl)RuIV][PF <sub>6</sub> ] <sub>2</sub> intermediates. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 5066-8	16.4	117
315	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> , <b>2009</b> , 11, 152-155	10	114
314	Catalytic synthesis of vinyl carbamates from carbon dioxide and alkynes with ruthenium complexes. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 1518-1523	4.2	113
313	Iridium-catalyzed oxidant-free dehydrogenative C-H bond functionalization: selective preparation of N-arylpiperidines through tandem hydrogen transfers. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 8876-80	16.4	106
312	First ruthenium complexes with a chelating arene carbene ligand as catalytic precursors for alkene metathesis and cycloisomerisation. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 519-521	3.6	102
311	Ruthenium(IV) complexes featuring P,O-chelating ligands: regioselective substitution directly from allylic alcohols. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 2782-5	16.4	101
310	Ruthenium-catalyzed synthesis of symmetrical N,N'-dialkylureas directly from carbon dioxide and amines. <i>Journal of Organic Chemistry</i> , <b>1991</b> , 56, 4456-4458	4.2	95
309	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> , <b>2011</b> , 13, 2911	10	91
308	Synthesis of furans by cyclization of 2-En-4-yn-1-ols in the presence of ruthenium and palladium catalysts. <i>Tetrahedron</i> , <b>1995</b> , 51, 13089-13102	2.4	90
307	Imidazolium and Imidazolinium Salts as Carbene Precursors or Solvent for Ruthenium-Catalysed Diene and Enyne Metathesis. <i>Advanced Synthesis and Catalysis</i> , <b>2002</b> , 344, 585	5.6	89
306	Catalytic incorporation of CO <sub>2</sub> into organic substrates: Synthesis of unsaturated carbamates, carbonates and ureas. <i>Journal of Molecular Catalysis</i> , <b>1992</b> , 74, 97-107		89
305	Ruthenium-Catalyzed Cascade N- and C(3)-Dialkylation of Cyclic Amines with Alcohols Involving Hydrogen Autotransfer Processes. <i>Advanced Synthesis and Catalysis</i> , <b>2010</b> , 352, 3141-3146	5.6	88
304	Phosphine catalysed synthesis of unsaturated cyclic carbonates from carbon dioxide and propargylic alcohols. <i>Tetrahedron Letters</i> , <b>1989</b> , 30, 3981-3982	2	86

303	Dimethyl carbonate: an eco-friendly solvent in ruthenium-catalyzed olefin metathesis transformations. <i>ChemSusChem</i> , <b>2008</b> , 1, 813-6	8.3	85
302	Ruthenium-Catalyzed O-Allylation of Phenols from Allylic Chlorides via Cationic [Cp*( $\beta$ -allyl)(MeCN)RuX][PF <sub>6</sub> ] Complexes. <i>Advanced Synthesis and Catalysis</i> , <b>2004</b> , 346, 835-841	5.6	84
301	Catalytic synthesis of 3-vinyl-2,5-dihydrofurans from yne-enes promoted by photochemically activated metal $\pi$ -allylenylidene LnRuCCR <sub>2</sub> complex. <i>Chemical Communications</i> , <b>1998</b> , 2249-2250	5.8	84
300	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> , <b>2013</b> , 19, 7595-604	4.8	83
299	Ethenolysis of methyl oleate in room-temperature ionic liquids. <i>ChemSusChem</i> , <b>2008</b> , 1, 118-22	8.3	83
298	Ethenolysis: A Green Catalytic Tool to Cleave Carbon-Carbon Double Bonds. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 12226-44	4.8	80
297	Room temperature operating allenylidene precatalyst [LnRuCCR <sub>2</sub> ]+X <sup>-</sup> for olefin metathesis: dramatic influence of the counter anion X <sup>-</sup> . <i>New Journal of Chemistry</i> , <b>1999</b> , 23, 141-143	3.6	79
296	Enol formates: ruthenium catalysed formation and formylating reagents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1991</b> , 1197		78
295	Alkene metathesis catalysis in ionic liquids with ruthenium allenylidene salts. <i>Chemical Communications</i> , <b>2002</b> , 146-7	5.8	77
294	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> ] <sub>2</sub> complex. <i>Tetrahedron</i> , <b>1999</b> , 55, 3937-3948	2.4	75
293	Palladium-catalysed direct arylation of thiophenes tolerant to silyl groups. <i>Chemical Communications</i> , <b>2011</b> , 47, 1872-4	5.8	74
292	C-H Bond Functionalization in Water Catalyzed by Carboxylato Ruthenium(II) Systems. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 6779-6782	3.6	74
291	First enantioselective allylic etherification with phenols catalyzed by chiral ruthenium bisoxazoline complexes. <i>Chemical Communications</i> , <b>2004</b> , 1870-1	5.8	72
290	Ruthenium-carbene catalysts for the synthesis of 2,3-dimethylfuran. <i>Journal of Molecular Catalysis A</i> , <b>1997</b> , 118, L1-L4		71
289	Novel ruthenium-catalysed synthesis of furan derivatives via intramolecular cyclization of hydroxy enynes. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 493		71
288	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> , <b>2010</b> , 2010, 1798-1805	2.3	70
287	Ruthenium-Catalysed Additions to Alkynes: Synthesis of Activated Esters and Their Use in Acylation Reactions. <i>Synlett</i> , <b>1991</b> , 1991, 755-763	2.2	69
286	Polyamide precursors from renewable 10-undecenitrile and methyl acrylate via olefin cross-metathesis. <i>Green Chemistry</i> , <b>2012</b> , 14, 2179	10	67

285	Cross-metathesis transformations of terpenoids in dialkyl carbonate solvents. <i>Green Chemistry</i> , <b>2011</b> , 13, 1448	10	67
284	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> , <b>2003</b> , 345, 230-238	5.6	67
283	Optically Active Amine Derivatives: Ruthenium-Catalyzed Enantioselective Hydrogenation of Enamides. <i>Synlett</i> , <b>1999</b> , 1999, 1832-1834	2.2	66
282	Ruthenium(II)-catalyzed selective monoarylation in water and sequential functionalisations of C-H bonds. <i>Green Chemistry</i> , <b>2013</b> , 15, 67-71	10	65
281	Z Selectivity: Recent Advances in one of the Current Major Challenges of Olefin Metathesis. <i>ChemCatChem</i> , <b>2013</b> , 5, 3436-3459	5.2	64
280	Ene-yne cross-metathesis with ruthenium carbene catalysts. <i>Beilstein Journal of Organic Chemistry</i> , <b>2011</b> , 7, 156-66	2.5	63
279	A direct route to bifunctional aldehyde derivatives via self- and cross-metathesis of unsaturated aldehydes. <i>ChemSusChem</i> , <b>2009</b> , 2, 542-5	8.3	63
278	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> , <b>1993</b> , 850-851		63
277	. <i>European Journal of Organic Chemistry</i> , <b>2001</b> , 2001, 3891-3897	3.2	62
276	Ruthenium Catalyst Dichotomy: Selective Catalytic Diene Cycloisomerization or Metathesis. <i>Helvetica Chimica Acta</i> , <b>2001</b> , 84, 3335-3341	2	62
275	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> , <b>2017</b> , 41, 5105-5113	3.6	61
274	Lewis Acid-Catalyzed Sequential Transformations: Straightforward Preparation of Functional Dihydropyridines. <i>Advanced Synthesis and Catalysis</i> , <b>2006</b> , 348, 2571-2574	5.6	61
273	Recovery of enlarged olefin metathesis catalysts by nanofiltration in an eco-friendly solvent. <i>ChemSusChem</i> , <b>2008</b> , 1, 927-33	8.3	60
272	Functional carbonates: cyclic $\beta$ -methylene and $\beta$ -oxopropyl carbonates from prop-2-ynyl alcohol derivatives and CO <sub>2</sub> . <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1991</b> , 3271-3274		60
271	Rate Studies and Mechanism of Ring-Closing Olefin Metathesis Catalyzed by Cationic Ruthenium Allenylidene Arene Complexes. <i>Organometallics</i> , <b>2003</b> , 22, 4459-4466	3.8	59
270	Eugenol as a renewable feedstock for the production of polyfunctional alkenes via olefin cross-metathesis. <i>RSC Advances</i> , <b>2012</b> , 2, 9584	3.7	58
269	Fluorine-containing $\beta$ -alkynyl amino esters and access to a new family of 3,4-dehydroproline analogues. <i>New Journal of Chemistry</i> , <b>2001</b> , 25, 16-18	3.6	56
268	Palladium-Catalysed Direct Polyarylation of Pyrrole Derivatives. <i>ChemCatChem</i> , <b>2013</b> , 5, 255-262	5.2	54

- 267 Tandem catalytic acrylonitrile cross-metathesis and hydrogenation of nitriles with ruthenium catalysts: direct access to linear  $\beta$ -aminoesters from renewables. *ChemSusChem*, **2012**, 5, 1410-4 8.3 54
- 266 Allenylidene-ruthenium complexes as versatile precatalysts for alkene metathesis reactions. *Journal of Molecular Catalysis A*, **2004**, 213, 31-37 53
- 265 A green route to nitrogen-containing groups: the acrylonitrile cross-metathesis and applications to plant oil derivatives. *Green Chemistry*, **2011**, 13, 2258 10 52
- 264 Synthesis, Characterization and Catalytic Activity of New N-Heterocyclic Bis(carbene)ruthenium Complexes. *European Journal of Inorganic Chemistry*, **2009**, 2009, 1942-1949 2.3 50
- 263 Catalytic synthesis of O- $\beta$ -oxoalkylcarbamates. *Tetrahedron Letters*, **1987**, 28, 2005-2008 2 50
- 262 Ruthenium-catalyzed reductive amination of allylic alcohols. *Organic Letters*, **2011**, 13, 3964-7 6.2 48
- 261 Synthesis of  $\beta$ -aminoacid derivatives via enantioselective hydrogenation of  $\beta$ -substituted- $\alpha$ -(acylamino)acrylates. *Coordination Chemistry Reviews*, **2008**, 252, 532-544 23.2 48
- 260 Allylic ruthenium(IV) complexes in catalysis. *Coordination Chemistry Reviews*, **2012**, 256, 525-536 23.2 47
- 259 Benzylic Imidazolidinium, 3,4,5,6-Tetrahydropyrimidinium and Benzimidazolium Salts: Applications in Ruthenium-Catalyzed Allylic Substitution Reactions. *European Journal of Organic Chemistry*, **2008**, 2008, 2142-2149 3.2 47
- 258 Pentamethylcyclopentadienyl ruthenium: an efficient catalyst for the redox isomerization of functionalized allylic alcohols into carbonyl compounds. *Tetrahedron*, **2008**, 64, 11745-11750 2.4 47
- 257 Enantioselective Hydrogenation of the Tetrasubstituted C=C Bond of Enamides Catalyzed by a Ruthenium Catalyst Generated in situ. *Advanced Synthesis and Catalysis*, **2001**, 343, 331-334 5.6 47
- 256 Novel ruthenium-catalyzed synthesis of 1,3-dioxolan-4-ones from  $\beta$ -hydroxy acids and terminal alkynes via enol esters. *Journal of Organometallic Chemistry*, **1993**, 451, 133-138 2.3 47
- 255 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. *Organometallics*, **1990**, 9, 1155-1160 3.8 47
- 254 Cross-metathesis with acrylonitrile and applications to fatty acid derivatives. *European Journal of Lipid Science and Technology*, **2010**, 112, 3-9 3 46
- 253 Ruthenium-Catalyzed One-Step Transformation of Propargylic Alcohols into Alkylidene Cyclobutenes: X-ray Characterization of an Ru( $\eta$ -cyclobutenyl) Intermediate. *Angewandte Chemie - International Edition*, **2001**, 40, 2912-2915 16.4 46
- 252 A simple synthesis of oxazolidinones in one step from carbon dioxide. *Tetrahedron Letters*, **1990**, 31, 1721-1722 2 46
- 251 Selective and Efficient Iridium Catalyst for the Reductive Amination of Levulinic Acid into Pyrrolidones. *ChemSusChem*, **2017**, 10, 4150-4154 8.3 45
- 250 First Transformation of Unsaturated Fatty Esters Involving Enyne Cross-Metathesis. *Advanced Synthesis and Catalysis*, **2009**, 351, 1115-1122 5.6 45

249	Ruthenium-catalyzed synthesis of allylic alcohols: boronic acid as a hydroxide source. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 5630-7	4.8	45
248	Efficient Iridium Catalysts for Base-Free Hydrogenation of Levulinic Acid. <i>Organometallics</i> , <b>2017</b> , 36, 3153-3162	3.8	44
247	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> , <b>2008</b> , 350, 1601-1609	5.6	44
246	Direct Preparation of [Ru( $\eta$ -O <sub>2</sub> CO)( $\eta$ -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( $\eta$ -arene)(L)(MeCN) <sub>2</sub> ][BF <sub>4</sub> ] <sub>2</sub> : X-ray Crystal Structure Determination of [Ru( $\eta$ -O <sub>2</sub> CO)(p-cymene)(PCy <sub>3</sub> )] <sub>2</sub> /2CH <sub>2</sub> Cl <sub>2</sub> and [Ru( $\eta$ -O <sub>2</sub> CO)( $\eta$ -C <sub>6</sub> Me <sub>6</sub> )(PMe <sub>3</sub> )] <sub>2</sub> /2O. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 1174-1181	2.3	44
245	Simple New Three-component Catalytic System for Enyne Metathesis. <i>Synlett</i> , <b>2001</b> , 2001, 0397-0399	2.2	44
244	PEPPSI-Type Palladium $\eta$ HC 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> , <b>2017</b> , 2017, 1382-1391	2.3	43
243	Ruthenium(IV) Complexes Featuring P,O-Chelating Ligands: Regioselective Substitution Directly from Allylic Alcohols. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 2842-2845	3.6	43
242	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> , <b>2015</b> , 34, 2296-2304	3.8	42
241	C-H bond functionalisation with [RuH(codyl) <sub>2</sub> ][BF <sub>4</sub> ] catalyst precursor. <i>Green Chemistry</i> , <b>2011</b> , 13, 2315	10	41
240	Cascade and Sequential Catalytic Transformations Initiated by Ruthenium Catalysts	295-326	41
239	Ruthenium-Bisimine: A New Catalytic Precursor for Regioselective Allylic Alkylation. <i>Synlett</i> , <b>2003</b> , 2003, 0408-0410	2.2	41
238	[Cp*( $\eta$ -bipy)(MeCN)RuII][PF <sub>6</sub> ] Catalysts for Regioselective Allylic Substitution and Characterization of Dicationic [Cp*( $\eta$ -bipy)( $\eta$ -allyl)RuIV][PF <sub>6</sub> ] <sub>2</sub> Intermediates. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 5220-5222	3.6	41
237	$\eta$ -Diimines as nitrogen ligands for ruthenium-catalyzed allylation reactions and related (pentamethylcyclopentadienyl) ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , <b>2005</b> , 690, 2149-2158	2.3	41
236	New in situ Generated Ruthenium Catalyst for Enyne Metathesis: Access to Novel Cyclic Siloxanes. <i>Advanced Synthesis and Catalysis</i> , <b>2001</b> , 343, 184-187	5.6	41
235	Ruthenium(II)-Catalysed Functionalisation of C-H Bonds with Alkenes: Alkenylation versus Alkylation. <i>Topics in Organometallic Chemistry</i> , <b>2015</b> , 137-188	0.6	40
234	Ruthenium-Benzylidenes and Ruthenium-Indenylidenes as Efficient Catalysts for the Hydrogenation of Aliphatic Nitriles into Primary Amines. <i>ChemCatChem</i> , <b>2012</b> , 4, 1911-1916	5.2	40
233	Acceptorless ruthenium catalyzed dehydrogenation of alcohols to ketones and esters. <i>Catalysis Science and Technology</i> , <b>2012</b> , 2, 1425	5.5	39
232	Ruthenium catalysts for selective nucleophilic allylic substitution. <i>Pure and Applied Chemistry</i> , <b>2008</b> , 80, 861-871	2.1	39

231	Preparation of Optically Active Cyclic Carbonates and 1,2-Diols via Enantioselective Hydrogenation of $\beta$ -Methylenedioxyketones Catalyzed by Chiral Ruthenium(II) Complexes. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 8453-8455	4.2	39
230	Selective carbon-carbon bond formation: terpenylations of amines involving hydrogen transfers. <i>Green Chemistry</i> , <b>2013</b> , 15, 775	10	38
229	Selective isomerisation of prop-2-yn-1-ols into $\beta,\beta$ -unsaturated aldehydes catalysed by $\text{Ru}[\text{B}(\text{CH}_2\text{C}(\text{Me})\text{CH}_2)_2(\text{Ph})_2\text{PCH}_2\text{CH}_2\text{PPh}_2]$ . <i>Chemical Communications</i> , <b>1997</b> , 1201-1202	5.8	38
228	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> , <b>2004</b> , 2004, 418-422	2.3	38
227	Selective transformations of alkynols catalyzed by ruthenium complexes. <i>Inorganica Chimica Acta</i> , <b>1994</b> , 222, 155-163	2.7	38
226	Ionic imidazolium containing ruthenium complexes and olefin metathesis in ionic liquids. <i>Journal of Molecular Catalysis A</i> , <b>2007</b> , 268, 127-133		37
225	Enol esters as intermediates for the facile conversion of amino acids into amides and dipeptides. <i>Tetrahedron Letters</i> , <b>1991</b> , 32, 5359-5362	2	37
224	Selective ruthenium-catalyzed hydrochlorination of alkynes: one-step synthesis of vinyl chlorides. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 12112-5	16.4	36
223	Palladium-catalyzed direct arylation of 5-chloropyrazoles: a selective access to 4-aryl pyrazoles. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 7659-64	4.2	36
222	Efficient Synthesis of $\beta$ -Aminoacrylates and $\beta$ -Enaminones Catalyzed by $\text{Zn}(\text{OAc})_2 \cdot 2\text{H}_2\text{O}$ . <i>Collection of Czechoslovak Chemical Communications</i> , <b>2005</b> , 70, 1943-1952		36
221	Enantioselective Hydrogenation of $\beta$ -Acylamino Acrylates Catalyzed by Rhodium(I)-Monophosphite Complexes. <i>Advanced Synthesis and Catalysis</i> , <b>2004</b> , 346, 33-36	5.6	36
220	Ruthenium Phosphine-Pyridone Catalyzed Cross-Coupling of Alcohols To form $\beta$ -Alkylated Ketones. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 10727-10731	4.2	35
219	Vicinal $\beta,\beta$ -functionalizations of amines: cyclization versus dehydrogenative hydrolysis. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 14319-23	4.8	35
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