

Christian Bruneau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3458425/publications.pdf>

Version: 2024-02-01

331
papers

17,869
citations

15504

65
h-index

19749

117
g-index

471
all docs

471
docs citations

471
times ranked

9375
citing authors

#	ARTICLE	IF	CITATIONS
1	Ruthenium(II)-Catalyzed C-H Bond Activation and Functionalization. Chemical Reviews, 2012, 112, 5879-5918.	47.7	2,520
2	Metal Vinylidenes in Catalysis. Accounts of Chemical Research, 1999, 32, 311-323.	15.6	485
3	Metal Vinylidenes and Allenylidenes in Catalysis: Applications in Anti-Markovnikov Additions to Terminal Alkynes and Alkene Metathesis. Angewandte Chemie - International Edition, 2006, 45, 2176-2203.	13.8	469
4	Transition metal catalyzed nucleophilic allylic substitution: activation of allylic alcohols via π -allylic species. Chemical Society Reviews, 2012, 41, 4467.	38.1	426
5	Direct Arylation of Arene C-H Bonds by Cooperative Action of NHC/ruthenium(II) Catalyst and Carbonate via Proton Abstraction Mechanism. Journal of the American Chemical Society, 2008, 130, 1156-1157.	13.7	367
6	Electrophilic Activation and Cycloisomerization of Enynes: A New Route to Functional Cyclopropanes. Angewandte Chemie - International Edition, 2005, 44, 2328-2334.	13.8	352
7	Autocatalysis for C-H Bond Activation by Ruthenium(II) Complexes in Catalytic Arylation of Functional Arenes. Journal of the American Chemical Society, 2011, 133, 10161-10170.	13.7	345
8	Cationic Ruthenium Allenylidene Complexes as Catalysts for Ring Closing Olefin Metathesis. Chemistry - A European Journal, 2000, 6, 1847-1857.	3.3	268
9	C-H Bond Functionalization in Water Catalyzed by Carboxylate Ruthenium(II) Systems. Angewandte Chemie - International Edition, 2010, 49, 6629-6632.	13.8	240
10	Cationic ruthenium allenylidene complexes as a new class of performing catalysts for ring closing metathesis. Chemical Communications, 1998, , 1315-1316.	4.1	217
11	Chiral monodentate phosphorus ligands for rhodium-catalyzed asymmetric hydrogenation. Tetrahedron: Asymmetry, 2004, 15, 2101-2111.	1.8	212
12	Activation and functionalization of benzylic derivatives by palladium catalysts. Chemical Society Reviews, 2008, 37, 290-299.	38.1	172
13	sp^3 C-H Bond Activation with Ruthenium(II) Catalysts and C(3)-Alkylation of Cyclic Amines. Journal of the American Chemical Society, 2011, 133, 10340-10343.	13.7	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. Journal of Organic Chemistry, 1995, 60, 7247-7255.	3.2	161
15	6-Mesityl,1-imidazolynylidene-carbene-ruthenium(II) Complexes: Catalytic Activity of their Allenylidene Derivatives in Alkene Metathesis and Cycloisomerisation Reactions. Chemistry - A European Journal, 2003, 9, 2323-2330.	3.3	149
16	Selective transformations of alkynes with ruthenium catalysts. Chemical Communications, 1997, , 507-512.	4.1	146
17	Ruthenium diacetate-catalysed oxidative alkenylation of C-H bonds in air: synthesis of alkenyl N-arylpiprazoles. Green Chemistry, 2011, 13, 3075.	9.0	142
18	First ring-opening metathesis polymerization in an ionic liquid. Efficient recycling of a catalyst generated from a cationic ruthenium allenylidene complex. New Journal of Chemistry, 2002, 26, 1667-1670.	2.8	137

#	ARTICLE	IF	CITATIONS
19	Diethyl carbonate as a solvent for ruthenium catalysed C–H bond functionalisation. <i>Green Chemistry</i> , 2009, 11, 1871.	9.0	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.	3.2	130
21	Pentamethylcyclopentadienyl–Ruthenium Catalysts for Regio- and Enantioselective Allylation of Nucleophiles. <i>Chemistry - A European Journal</i> , 2006, 12, 5178-5187.	3.3	125
22	[Cp*(<i>i</i> -2-bipy)(MeCN)RuII][PF6] Catalysts for Regioselective Allylic Substitution and Characterization of Dicationic [Cp*(<i>i</i> -2-bipy)(<i>i</i> -3-allyl)RuIV][PF6]2 Intermediates. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5066-5068.	13.8	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.	13.8	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.	13.8	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.	9.0	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.	2.8	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.	3.2	110
28	Ethenolysis: A Green Catalytic Tool to Cleave Carbon–Carbon Double Bonds. <i>Chemistry - A European Journal</i> , 2016, 22, 12226-12244.	3.3	106
29	Catalytic incorporation of CO ₂ 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.	4.3	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.	4.3	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.	9.0	97
33	Phosphine catalysed synthesis of unsaturated cyclic carbonates from carbon dioxide and propargylic alcohols. <i>Tetrahedron Letters</i> , 1989, 30, 3981-3982.	1.4	95
34	Room temperature operating allenylidene precatalyst [LnRu(η^3 -C \equiv C) η^3 -CR ₂]+X– for olefin metathesis: dramatic influence of the counter anion X–. <i>New Journal of Chemistry</i> , 1999, 23, 141-143.	2.8	94
35	Catalytic synthesis of 3-vinyl-2,5-dihydrofurans from yne-enes promoted by photochemically activated metal–allenylidene LnRu(η^3 -C \equiv C) η^3 -CR ₂ complex. <i>Chemical Communications</i> , 1998, , 2249-2250.	4.1	93
36	Dimethyl Carbonate: An Eco–Friendly Solvent in Ruthenium–Catalyzed Olefin Metathesis Transformations. <i>ChemSusChem</i> , 2008, 1, 813-816.	6.8	91

#	ARTICLE	IF	CITATIONS
37	Alkene metathesis catalysis in ionic liquids with ruthenium allenylidene salts. Chemical Communications, 2002, , 146-147.	4.1	88
38	Enol formates: ruthenium catalysed formation and formylating reagents. Journal of the Chemical Society Perkin Transactions 1, 1991, , 1197.	0.9	87
39	Michael additions of carbonucleophiles to butenone catalyzed by the non-hydride [Ru(O ₂ CH)(CO) ₂ (PPh ₃)] ₂ complex. Tetrahedron, 1999, 55, 3937-3948.	1.9	87
40	Ethenolysis of Methyl Oleate in Room-Temperature Ionic Liquids. ChemSusChem, 2008, 1, 118-122.	6.8	86
41	Ruthenium-Catalyzed O-Allylation of Phenols from Allylic Chlorides via Cationic [Cp* (i-3-allyl) (MeCN) RuX] [PF ₆] Complexes. Advanced Synthesis and Catalysis, 2004, 346, 835-841.	4.3	85
42	Autocatalytic Intermolecular versus Intramolecular Deprotonation in C-H Bond Activation of Functionalized Arenes by Ruthenium(II) or Palladium(II) Complexes. Chemistry - A European Journal, 2013, 19, 7595-7604.	3.3	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. Advanced Synthesis and Catalysis, 2003, 345, 230-238.	4.3	82
44	Ruthenium(II)-catalyzed selective monoarylation in water and sequential functionalisations of C-H bonds. Green Chemistry, 2013, 15, 67-71.	9.0	79
45	Ruthenium-Catalysed Additions to Alkynes: Synthesis of Activated Esters and Their Use in Acylation Reactions. Synlett, 1991, 1991, 755-763.	1.8	78
46	Novel ruthenium-catalysed synthesis of furan derivatives via intramolecular cyclization of hydroxy enynes. Journal of the Chemical Society Chemical Communications, 1994, , 493.	2.0	78
47	First enantioselective allylic etherification with phenols catalyzed by chiral ruthenium bisoxazoline complexes. Chemical Communications, 2004, , 1870.	4.1	76
48	Cross-metathesis transformations of terpenoids in dialkyl carbonate solvents. Green Chemistry, 2011, 13, 1448.	9.0	76
49	Palladium-catalysed direct arylation of thiophenes tolerant to silyl groups. Chemical Communications, 2011, 47, 1872-1874.	4.1	76
50	Ruthenium-carbene catalysts for the synthesis of 2,3-dimethylfuran. Journal of Molecular Catalysis A, 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. European Journal of Inorganic Chemistry, 2010, 2010, 1798-1805.	2.0	75
52	Enyne cross-metathesis with ruthenium carbene catalysts. Beilstein Journal of Organic Chemistry, 2011, 7, 156-166.	2.2	73
53	Synthesis and catalytic applications of palladium N-heterocyclic carbene complexes as efficient pre-catalysts for Suzuki-Miyaura and Sonogashira coupling reactions. New Journal of Chemistry, 2017, 41, 5105-5113.	2.8	73
54	Ruthenium Catalyst Dichotomy: Selective Catalytic Diene Cycloisomerization or Metathesis. Helvetica Chimica Acta, 2001, 84, 3335-3341.	1.6	72

#	ARTICLE	IF	CITATIONS
55	Functional carbonates: cyclic $\hat{1}$ -methylene and $\hat{1}^2$ -oxopropyl carbonates from prop-2-ynyl alcohol derivatives and CO ₂ . Journal of the Chemical Society Perkin Transactions 1, 1991, , 3271-3274.	0.9	71
56	Stereoselective synthesis of Z-enol esters catalysed by [bis(diphenylphosphino)alkane]bis(2-methylpropenyl)ruthenium complexes. Journal of the Chemical Society Chemical Communications, 1993, , 850-851.	2.0	71
57	Optically Active Amine Derivatives: Ruthenium-Catalyzed Enantioselective Hydrogenation of Enamides. Synlett, 1999, 1999, 1832-1834.	1.8	71
58	Polyamide precursors from renewable 10-undecenitrile and methyl acrylate via olefin cross-metathesis. Green Chemistry, 2012, 14, 2179.	9.0	71
59	<i>Z</i> Selectivity: Recent Advances in one of the Current Major Challenges of Olefin Metathesis. ChemCatChem, 2013, 5, 3436-3459.	3.7	69
60	Synthesis of Fluorine-Containing Cyclic $\hat{1}$ -Amino Acid and $\hat{1}$ -Amino Phosphonate Derivatives by Alkene Metathesis. European Journal of Organic Chemistry, 2001, 2001, 3891-3897.	2.4	66
61	Lewis Acid-Catalyzed Sequential Transformations: Straightforward Preparation of Functional Dihydropyridines. Advanced Synthesis and Catalysis, 2006, 348, 2571-2574.	4.3	66
62	Selective and Efficient Iridium Catalyst for the Reductive Amination of Levulinic Acid into Pyrrolidones. ChemSusChem, 2017, 10, 4150-4154.	6.8	66
63	A Direct Route to Bifunctional Aldehyde Derivatives via Self- and Cross-Metathesis of Unsaturated Aldehydes. ChemSusChem, 2009, 2, 542-545.	6.8	65
64	Eugenol as a renewable feedstock for the production of polyfunctional alkenes via olefin cross-metathesis. RSC Advances, 2012, 2, 9584.	3.6	65
65	Fluorine-containing $\hat{1}$ -alkynyl amino esters and access to a new family of 3,4-dehydropyrrolidine analogues. New Journal of Chemistry, 2001, 25, 16-18.	2.8	64
66	Rate Studies and Mechanism of Ring-Closing Olefin Metathesis Catalyzed by Cationic Ruthenium Allenylidene Arene Complexes. Organometallics, 2003, 22, 4459-4466.	2.3	64
67	Recovery of Enlarged Olefin Metathesis Catalysts by Nanofiltration in an Eco-Friendly Solvent. ChemSusChem, 2008, 1, 927-933.	6.8	63
68	Novel ruthenium-catalyzed synthesis of 1,3-dioxolan-4-ones from $\hat{1}$ -hydroxy acids and terminal alkynes via enol esters. Journal of Organometallic Chemistry, 1993, 451, 133-138.	1.8	61
69	Palladium-Catalysed Direct Polyarylation of Pyrrole Derivatives. ChemCatChem, 2013, 5, 255-262.	3.7	60
70	Catalytic synthesis of O- $\hat{1}^2$ -oxoalkylcarbamates. Tetrahedron Letters, 1987, 28, 2005-2008.	1.4	59
71	Tandem Catalytic Acrylonitrile Cross-Metathesis and Hydrogenation of Nitriles with Ruthenium Catalysts: Direct Access to Linear $\hat{1}$, $\hat{1}^2$ -Aminoesters from Renewables. ChemSusChem, 2012, 5, 1410-1414.	6.8	59
72	Ruthenium Phosphine-Pyridone Catalyzed Cross-Coupling of Alcohols To form $\hat{1}$ -Alkylated Ketones. Journal of Organic Chemistry, 2017, 82, 10727-10731.	3.2	58

#	ARTICLE	IF	CITATIONS
73	Allenylidene- η^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 β^2 -aminoacid derivatives via enantioselective hydrogenation of β^2 -substituted- β^2 -(acylamino)acrylates. <i>Coordination Chemistry Reviews</i> , 2008, 252, 532-544.	18.8	57
75	Ruthenium-Catalyzed Reductive Amination of Allylic Alcohols. <i>Organic Letters</i> , 2011, 13, 3964-3967.	4.6	57
76	Ruthenium-Catalyzed Synthesis of Allylic Alcohols: Boronic Acid as a Hydroxide Source. <i>Chemistry - A European Journal</i> , 2008, 14, 5630-5637.	3.3	56
77	Efficient Iridium Catalysts for Base-Free Hydrogenation of Levulinic Acid. <i>Organometallics</i> , 2017, 36, 3152-3162.	2.3	56
78	Ruthenium-catalyzed C-H bond functionalization in cascade and one-pot transformations. <i>Coordination Chemistry Reviews</i> , 2021, 428, 213602.	18.8	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.	9.0	55
80	A simple synthesis of oxazolidinones in one step from carbon dioxide. <i>Tetrahedron Letters</i> , 1990, 31, 1721-1722.	1.4	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.	2.3	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.	2.0	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.	1.5	54
84	Iridium-Catalyzed Hydrogenation and Dehydrogenation of N-Heterocycles in Water under Mild Conditions. <i>ChemSusChem</i> , 2019, 12, 2350-2354.	6.8	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.	4.3	52
86	Ruthenium-Catalyzed One-Step Transformation of Propargylic Alcohols into Alkylidene Cyclobutenes: X-ray Characterization of an Ru(η^3 -cyclobutenyl) Intermediate. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2912-2915.	13.8	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.	1.9	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.	2.3	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.	2.0	51
90	Allylic ruthenium(IV) complexes in catalysis. <i>Coordination Chemistry Reviews</i> , 2012, 256, 525-536.	18.8	50

#	ARTICLE	IF	CITATIONS
91	Simple New Three-component Catalytic System for Enyne Metathesis. <i>Synlett</i> , 2001, 2001, 0397-0399.	1.8	49
92	First Transformation of Unsaturated Fatty Esters Involving Enyne Cross-Metathesis. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1115-1122.	4.3	48
93	C-H bond functionalisation with [RuH(codyl) ₂]BF ₄ catalyst precursor. <i>Green Chemistry</i> , 2011, 13, 2315.	9.0	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.	2.4	47
95	Selective Ruthenium-Catalyzed Hydrochlorination of Alkynes: One-Step Synthesis of Vinylchlorides. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12112-12115.	13.8	47
96	Preparation of Optically Active Cyclic Carbonates and 1,2-Diols via Enantioselective Hydrogenation of \pm -Methylenedioxolanones Catalyzed by Chiral Ruthenium(II) Complexes. <i>Journal of Organic Chemistry</i> , 1996, 61, 8453-8455.	3.2	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.	4.3	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.	4.3	46
99	Ruthenium-Benzylidenes and Ruthenium-Indenylidenes as Efficient Catalysts for the Hydrogenation of Aliphatic Nitriles into Primary Amines. <i>ChemCatChem</i> , 2012, 4, 1911-1916.	3.7	46
100	Unmasking Amides: Ruthenium-Catalyzed Protodecarbonylation of N-Substituted Phthalimide Derivatives. <i>Organic Letters</i> , 2017, 19, 6404-6407.	4.6	46
101	Selective isomerisation of prop-2-yn-1-ols into \pm , \pm -unsaturated aldehydes catalysed by Ru[(1-3-CH ₂ C(Me)CH ₂) ₂ (Ph) 2PCH ₂ CH ₂ PPh ₂). <i>Chemical Communications</i> , 1997, , 1201-1202.	4.1	45
102	Direct Preparation of [Ru(η -2-O ₂ CO)(η -6-arene)(L)] Carbonate Complexes (L = Phosphane, Carbene) and Their Use as Precursors of [RuH ₂ (p-cymene)(PCy ₃)] and [Ru(η -6-arene)(L)(MeCN) ₂][BF ₄] ₂ : X-ray Crystal Structure Determination of [Ru(η -2-O ₂ CO)(p-cymene)(PCy ₃)] \cdot 1/2CH ₂ Cl ₂ and [Ru(η -2-O ₂ CO)(η -6-C ₆ Me ₆)(PMe ₃)] \cdot H ₂ O. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1174-1181.	2.0	45
103	Acceptorless ruthenium catalyzed dehydrogenation of alcohols to ketones and esters. <i>Catalysis Science and Technology</i> , 2012, 2, 1425.	4.1	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.	1.8	45
105	Base-Free Dehydrogenation of Aqueous and Neat Formic Acid with Iridium(III) Cp*(dipyridylamine) Catalysts. <i>ChemSusChem</i> , 2019, 12, 179-184.	6.8	45
106	Selective transformations of alkynols catalyzed by ruthenium complexes. <i>Inorganica Chimica Acta</i> , 1994, 222, 155-163.	2.4	44
107	Selective carbon-carbon bond formation: terpenylations of amines involving hydrogen transfers. <i>Green Chemistry</i> , 2013, 15, 775.	9.0	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

#	ARTICLE	IF	CITATIONS
109	Enol esters as intermediates for the facile conversion of amino acids into amides and dipeptides. <i>Tetrahedron Letters</i> , 1991, 32, 5359-5362.	1.4	43
110	Ruthenium-Bisimine: A New Catalytic Precursor for Regioselective Allylic Alkylation. <i>Synlett</i> , 2003, 2003, 0408-0410.	1.8	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.	1.9	43
113	π -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.	2.2	43
114	Powerful control by organoruthenium catalysts of the regioselective addition to C(1) or C(2) of the prop-2-ynyl ethers $C\equiv C$ triple bond. <i>Journal of Organometallic Chemistry</i> , 1998, 551, 151-157.	1.8	42
115	η^5 -Diimines as nitrogen ligands for ruthenium-catalyzed allylation reactions and related (pentamethylcyclopentadienyl) ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2149-2158.	1.8	42
116	Efficient Synthesis of η^2 -Aminoacrylates and η^2 -Enaminones Catalyzed by $Zn(OAc)_2 \cdot 2H_2O$. <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.	3.2	42
119	Enantioselective Hydrogenation of η^2 -Acylamino Acrylates Catalyzed by Rhodium(I)-Monophosphite Complexes. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 33-36.	4.3	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.	2.0	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.	13.8	39
122	A straightforward access to guaiazulene derivatives using palladium-catalysed sp^2 or sp^3 $C-H$ bond functionalisation. <i>Chemical Communications</i> , 2013, 49, 5598.	4.1	39
123	sp^3 $C-H$ Bond Functionalization with Ruthenium Catalysts. <i>Topics in Organometallic Chemistry</i> , 2014, , 195-236.	0.7	39
124	Vicinal η^2 -Functionalizations of Amines: Cyclization Versus Dehydrogenative Hydrolysis. <i>Chemistry - A European Journal</i> , 2015, 21, 14319-14323.	3.3	39
125	2-Imidazoline and 1,4,5,6-tetrahydropyrimidine-ruthenium(II) complexes and catalytic synthesis of furan. <i>Journal of Organometallic Chemistry</i> , 1999, 575, 187-192.	1.8	38
126	Benzimidazole, Benzothiazole and Benzoxazole Ruthenium(II) Complexes; Catalytic Synthesis of 2,3-Dimethylfuran. <i>European Journal of Inorganic Chemistry</i> , 2000, 2000, 29-32.	2.0	38

#	ARTICLE	IF	CITATIONS
127	Stereoselective preparation of Z-trisubstituted alkylidene cyclic carbonates via palladium-catalyzed carbon–carbon bond formation. <i>Tetrahedron Letters</i> , 2000, 41, 5527-5531.	1.4	38
128	Ruthenium-Catalyzed Synthesis of Alkylidenecyclobutenes via Head-to-Head Dimerization of Propargylic Alcohols and Cyclobutadiene-Ruthenium Intermediates. <i>Chemistry - A European Journal</i> , 2005, 11, 1312-1324.	3.3	38
129	Isoquinoline Derivatives via Stepwise Regioselective sp ² and sp ³ C–H Bond Functionalizations. <i>Journal of Organic Chemistry</i> , 2012, 77, 3674-3678.	3.2	38
130	Efficient preparations of acylamides, acylcarbamates and acylureas from alk-1-en-2-yl esters. <i>Tetrahedron</i> , 1995, 51, 10901-10912.	1.9	37
131	Efficient Ruthenium-Catalysed Synthesis of 3-Hydroxy-1-propen-1-yl Benzoates: En Route to an Improved Isomerization of 2-Propyn-1-ols into 1,2-Unsaturated Aldehydes. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 2361-2366.	2.4	37
132	Ruthenium–Indenylidene Olefin Metathesis Catalyst with Enhanced Thermal Stability. <i>Chemistry - A European Journal</i> , 2010, 16, 12255-12261.	3.3	36
133	Synthesis of functionalized CF ₃ -containing heterocycles via [2,3]-sigmatropic rearrangement and sequential catalytic carbocyclization. <i>Tetrahedron</i> , 2011, 67, 3524-3532.	1.9	36
134	Reactivity of 3-Substituted Fluorobenzenes in Palladium-Catalysed Direct Arylations with Aryl Bromides. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1586-1596.	4.3	36
135	Ruthenium and Iridium Dipyridylamine Catalysts for the Efficient Synthesis of ̢-Valerolactone by Transfer Hydrogenation of Levulinic Acid. <i>Organometallics</i> , 2017, 36, 708-713.	2.3	36
136	3-Allylruthenium Complexes and Ruthenium-Catalysed Nucleophilic Substitution of Allylic Substrates. <i>Current Organic Chemistry</i> , 2006, 10, 115-133.	1.6	35
137	Thermal behavior of some organic phosphates. <i>Industrial & Engineering Chemistry Product Research and Development</i> , 1984, 23, 98-102.	0.5	34
138	Synthesis of fluorine-containing cyclic amino acid derivatives via ring closing olefin metathesis. <i>Chemical Communications</i> , 1998, , 2053-2054.	4.1	34
139	Regioselective allylic alkylation and etherification catalyzed by in situ generated N-heterocyclic carbene ruthenium complexes. <i>Tetrahedron Letters</i> , 2006, 47, 535-538.	1.4	34
140	Benzimidazolium sulfonate ligand precursors and application in ruthenium-catalyzed aromatic amine alkylation with alcohols. <i>Catalysis Communications</i> , 2016, 74, 33-38.	3.3	34
141	Tandem isomerization/Claisen transformation of allyl homoallyl and diallyl ethers into ̢,̢'-unsaturated aldehydes with a new three component catalyst Ru ₃ (CO) ₁₂ /imidazolinium salt/Cs ₂ CO ₃ . <i>Chemical Communications</i> , 2002, , 1772-1773.	4.1	33
142	Alkylidene-Ruthenium-Tin Catalysts for the Formation of Fatty Nitriles and Esters via Cross-Metathesis of Plant Oil Derivatives. <i>Organometallics</i> , 2010, 29, 5257-5262.	2.3	33
143	Phosphine-pyridonate ligands containing octahedral ruthenium complexes: access to esters and formic acid. <i>Catalysis Science and Technology</i> , 2017, 7, 3492-3498.	4.1	32
144	Synthesis of Heteroarylated Polyfluorobiphenyls via Palladium-Catalyzed Sequential sp ² C–H Bonds Functionalizations. <i>Journal of Organic Chemistry</i> , 2013, 78, 4177-4183.	3.2	31

#	ARTICLE	IF	CITATIONS
145	New optically active amido-phosphinite ligand and ruthenium complexes. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 2279-2284.	1.8	30
146	A New Preparation of Optically Active N-Acyloxazolidinones via Ruthenium-Catalyzed Enantioselective Hydrogenation. <i>Journal of Organic Chemistry</i> , 1998, 63, 1806-1809.	3.2	30
147	Smart ruthenium catalysts for the selective catalytic transformations of alkynes. <i>Pure and Applied Chemistry</i> , 1998, 70, 1065-1070.	1.9	30
148	Improving Sustainability in Ene-Yne Cross-Metathesis for Transformation of Unsaturated Fatty Esters. <i>ChemSusChem</i> , 2010, 3, 1291-1297.	6.8	30
149	Synthesis of β -alkynyl- γ -trifluoroalanine Derivatives by Sonogashira Cross-Coupling Reaction. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1587-1592.	2.4	30
150	Ruthenium-Catalyzed Synthesis of 1,2-Diketones from Alkynes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5071-5077.	2.4	30
151	Iridium-Catalyzed Sustainable Access to Functionalized Julolidines through Hydrogen Autotransfer. <i>ChemCatChem</i> , 2015, 7, 1090-1096.	3.7	30
152	Synthesis and Reactivity of $[\text{Ru}(\text{Cp}^*)(\text{L})(\text{MeCN})_2][\text{PF}_6]$ (L = Ph ₂ POMe or Ph ₂ P-o-tolyl) and $\{\text{Ru}(\text{Cp}^*)[\text{Ph}_2\text{PCH}_2\text{C}(\text{tBu})=\text{O}](\text{MeCN})\}[\text{PF}_6]$ Complexes, Their Involvement as Catalyst Precursors for Regioselective Allylic Substitution Reactions and Related $[\text{Ru}(\text{Cp}^*)\text{Cl}(\text{Ph}_2\text{POMe})(\text{RCHCHCH}_2)][\text{PF}_6]$ β -3-Allyl Ruthenium(IV) Intermediates. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1371-1380.	2.0	29
153	Phosphine-Free Palladium Catalytic System for the Selective Direct Arylation of Furans or Thiophenes bearing Alkenes and Inhibition of Heck-Type Reaction. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2749-2760.	4.3	29
154	Novel syntheses of oxamides, oxamates and oxalates from diisopropenyl oxalate. <i>Tetrahedron</i> , 1993, 49, 2629-2640.	1.9	28
155	A new dicoumarinyl ether and two rare furocoumarins from <i>Ruta montana</i> . <i>Fä-toterapÄ-Äç</i> , 2003, 74, 194-196.	2.2	28
156	Chemical Composition of the Essential Oil of <i>Rosmarinus officinalis</i> Cultivated in the Algerian Sahara. <i>Chemistry of Natural Compounds</i> , 2004, 40, 28-29.	0.8	28
157	Analysis of the essential oil of <i>Thymus numidicus</i> (Poiret) from Algeria. <i>Flavour and Fragrance Journal</i> , 2005, 20, 235-236.	2.6	28
158	Indirect and direct catalytic asymmetric reductive amination of 2-tetralone. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1350-1354.	1.8	28
159	Methyl Ricinoleate as Platform Chemical for Simultaneous Production of Fine Chemicals and Polymer Precursors. <i>ChemSusChem</i> , 2012, 5, 2249-2254.	6.8	28
160	Selective Catalytic Transformations of Alkynyl Cyclic Carbonates into either Homopropargylic or β -Allenyl Alcohols. <i>Synlett</i> , 1994, 1994, 457-458.	1.8	27
161	Ruthenium-Catalyzed Synthesis of Functionalized 1,3-Dienes. <i>Organic Letters</i> , 2009, 11, 185-188.	4.6	27
162	Immobilisation of an ionically tagged Hoveyda catalyst on a supported ionic liquid membrane: An innovative approach for metathesis reactions in a catalytic membrane reactor. <i>Catalysis Today</i> , 2010, 156, 268-275.	4.4	27

#	ARTICLE	IF	CITATIONS
163	Ruthenium-Containing Phosphinesulfonate Chelate for the Hydrogenation of Aryl Ketones. Chemistry - A European Journal, 2013, 19, 10343-10352.	3.3	27
164	Phosphine-free palladium-catalysed direct C2-arylation of benzothiophenes with aryl bromides. Tetrahedron, 2013, 69, 7082-7089.	1.9	27
165	Metathesis Catalysts with Fluorinated Unsymmetrical NHC Ligands. Organometallics, 2015, 34, 2305-2313.	2.3	27
166	C-H Bond Alkylation of Cyclic Amides with Maleimides via a Site-Selective-Determining Six-Membered Ruthenacycle. Journal of Organic Chemistry, 2019, 84, 16183-16191.	3.2	27
167	Group 8 Metals-Catalyzed C-H Bond Addition to Unsaturated Molecules. Topics in Organometallic Chemistry, 2011, , 203-230.	0.7	26
168	Preparation of chiral ruthenium(IV) complexes and applications in regio- and enantioselective allylation of phenols. Dalton Transactions, 2011, 40, 5625.	3.3	25
169	Cyclobutene Ring-Opening of Bicyclo[4.2.0]octa-1,6-dienes: Access to CF ₃ -Substituted 5,6,7,8-Tetrahydro-1,7-naphthyridines. Journal of Organic Chemistry, 2012, 77, 8518-8526.	3.2	25
170	Iron-catalysed tandem isomerisation/hydrosilylation reaction of allylic alcohols with amines. RSC Advances, 2014, 4, 25892.	3.6	25
171	Terminal conjugated dienes via a ruthenium-catalyzed cross-metathesis/elimination sequence: application to renewable resources. Catalysis Science and Technology, 2014, 4, 2064-2071.	4.1	25
172	Ru-Catalyzed Selective C-H Bond Hydroxylation of Cyclic Imides. Journal of Organic Chemistry, 2019, 84, 1898-1907.	3.2	25
173	Concomitant catalytic transformations of geminal ethynyl and hydroxy groups of steroids into acetyl and ester functions with retention of configuration by [Ru(μ -O ₂ CH)(CO) ₂ (PPh ₃) ₂]. Journal of the Chemical Society Chemical Communications, 1994, .	2.0	24
174	Synthesis of alkenyl-2,5-dihydrofurans via palladium-catalysed reaction of cyclic alkynyl carbonates. Chemical Communications, 1996, , 919.	4.1	24
175	New route to optically active amine derivatives: ruthenium-catalyzed enantioselective hydrogenation of ene carbamates. Tetrahedron: Asymmetry, 1999, 10, 3467-3471.	1.8	24
176	Synthesis of new terpene derivatives via ruthenium catalysis: rearrangement of silylated enynes derived from terpenoids. Tetrahedron, 2003, 59, 9425-9432.	1.9	24
177	Allenylidene to Indenylidene Rearrangement in Cationic <i>p</i> -Cymene Ruthenium(II) Complexes: Solvent, Counteranion, and Substituent Effects in the Key Step toward Catalytic Olefin Metathesis. Organometallics, 2010, 29, 4524-4531.	2.3	24
178	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.	9.0	24
179	Access to Cyclic β -Substituted α -Amino Acid Derivatives by Ring-Closing Metathesis of Functionalized 1,7-Enynes. European Journal of Organic Chemistry, 2013, 2013, 5353-5363.	2.4	24
180	Enantioselective hydrogenation of 2-chloroacetophenone with ((R)-Binap)Ru(O ₂ CAr) ₂ complexes: Influence of carboxylate ligands and solvents. Tetrahedron: Asymmetry, 1996, 7, 525-528.	1.8	23

#	ARTICLE	IF	CITATIONS
181	Efficient ruthenium-catalyzed synthesis of [3]dendralenes from 1,3-dienic allylic carbonates. Chemical Communications, 2009, , 6580.	4.1	23
182	New ruthenium metathesis catalysts with chelating indenylidene ligands: synthesis, characterization and reactivity. Dalton Transactions, 2012, 41, 3695.	3.3	23
183	Ruthenium-Catalysed Synthesis of Functional Conjugated Dienes from Propargylic Carbonates and Silyl Diazo Compounds. Chemistry - A European Journal, 2013, 19, 3292-3296.	3.3	23
184	Transformations of terpenes and terpenoids <i>via</i> carbon-carbon double bond metathesis. Catalysis Science and Technology, 2018, 8, 3989-4004.	4.1	23
185	Site-selective Ru-catalyzed C-H bond alkenylation with biologically relevant isoindolinones: a case of catalyst performance controlled by subtle stereo-electronic effects of the weak directing group. Catalysis Science and Technology, 2019, 9, 4711-4717.	4.1	23
186	(S,S,S)-Perhydroindolic acid: efficient catalyst for direct asymmetric aldol reaction from aromatic aldehydes. Tetrahedron: Asymmetry, 2006, 17, 2187-2190.	1.8	22
187	Silica and zirconia supported olefin metathesis pre-catalysts: Synthesis, catalytic activity and multiple-use in dimethyl carbonate. Journal of Molecular Catalysis A, 2012, 357, 73-80.	4.8	22
188	Palladium(0), copper(I) catalysed synthesis of conjugated alkynyl \pm -allenols from alkynyl cyclic carbonates and terminal alkynes. Journal of the Chemical Society Chemical Communications, 1994, , 1845-1846.	2.0	21
189	Synthesis of optically active 2-aminotetraline derivatives via enantioselective ruthenium-catalyzed hydrogenation of ene carbamates. Tetrahedron: Asymmetry, 2001, 12, 863-867.	1.8	21
190	Homologation of Monoterpenoids into New Sesquiterpenoids via Tandem Isomerisation/Claisen Rearrangement Reactions with Three-Component Ruthenium Catalysts, and Ru(methallyl) ₂ (COD) Revealed by High Throughput Screening Techniques. Advanced Synthesis and Catalysis, 2005, 347, 783-791.	4.3	21
191	Ruthenium-Catalyzed Nucleophilic Allylic Substitution Reactions from β^2 -Silylated Allylic Carbonates. Organometallics, 2009, 28, 5173-5182.	2.3	21
192	One-step synthesis of 1-halo-1,3-butadienes via ruthenium-catalysed hydrohalogenative dimerisation of alkynes. Chemical Communications, 2012, 48, 11032.	4.1	21
193	Ruthenium(II)-Catalyzed C-H (Hetero)Arylation of Alkenylic 1, <i>n</i> -Diazines (<i>n</i> = 2, 3, and 4): Scope, Mechanism, and Application in Tandem Hydrogenations. Journal of Organic Chemistry, 2018, 83, 1462-1477.	3.2	21
194	Site-Selective Ruthenium-Catalyzed C-H Bond Arylations with Boronic Acids: Exploiting Isoindolinones as a Weak Directing Group. Journal of Organic Chemistry, 2019, 84, 12893-12903.	3.2	21
195	Formic acid as a hydrogen source for the iridium-catalyzed reductive amination of levulinic acid and 2-formylbenzoic acid. Catalysis Science and Technology, 2019, 9, 4077-4082.	4.1	21
196	Ring-expanded iridium and rhodium <i>N</i> -heterocyclic carbene complexes: a comparative DFT study of heterocycle ring size and metal center diversity. Journal of Coordination Chemistry, 2017, 70, 1270-1284.	2.2	20
197	Synthesis of six-membered cyclic siloxanes via enyne metathesis with a ruthenium catalyst generated in situ. Journal of Molecular Catalysis A, 2002, 190, 9-25.	4.8	19
198	Synthesis and Characterization of Sterically Enlarged Hoveyda-Type Olefin Metathesis Catalysts. European Journal of Inorganic Chemistry, 2013, 2013, 54-60.	2.0	19

#	ARTICLE	IF	CITATIONS
199	Ruthenium catalyzed ethenolysis of renewable oleonitrile. European Journal of Lipid Science and Technology, 2014, 116, 1583-1589.	1.5	19
200	Palladium-Catalysed Cross-Coupling Reactions Controlled by Noncovalent Zn...N Interactions. Chemistry - A European Journal, 2017, 23, 5033-5043.	3.3	19
201	Wood liquefaction with hydrogen or helium in the presence of iron additives. Canadian Journal of Chemical Engineering, 1985, 63, 634-638.	1.7	18
202	Novel Synthesis of Cyclic α -Amino Acid Esters via Ene Reaction and Ruthenium-catalyzed Ring Rearrangement. Synlett, 2001, 2001, 0621-0622.	1.8	18
203	Ruthenium-catalyzed allylation reaction in ionic liquid. Journal of Molecular Catalysis A, 2005, 237, 161-164.	4.8	18
204	Regio- and stereoselective syntheses of piperidine derivatives via ruthenium-catalyzed coupling of propargylic amides and allylic alcohols. Chemical Communications, 2012, 48, 6589.	4.1	18
205	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.	1.9	18
206	Cross-metathesis of fatty acid methyl esters with acrolein: An entry to a variety of bifunctional compounds. European Journal of Lipid Science and Technology, 2015, 117, 209-216.	1.5	18
207	One-Pot Directing Group Formation/ $C\equiv H$ Bond Functionalization via Copper(I) and Ruthenium(II) Catalysis. Advanced Synthesis and Catalysis, 2016, 358, 3847-3856.	4.3	18
208	Ruthenium(II)-(Arene)-N-Heterocyclic Carbene Complexes: Efficient and Selective Catalysts for the N -Alkylation of Aromatic Amines with Alcohols. European Journal of Inorganic Chemistry, 2019, 2019, 2598-2606.	2.0	18
209	Acetylene in Catalysis: a One-step Synthesis of Vinylcarbamates with $[RuCl_2(norbornadiene)]_n$. Journal of Molecular Catalysis, 1988, 44, 175-178.	1.2	17
210	Enantioselective hydrogenation of isomeric β -acetamido β -alkylacrylates: crucial influence of temperature. Tetrahedron: Asymmetry, 2003, 14, 1973-1977.	1.8	17
211	Cross metathesis of bio-sourced fatty nitriles with acrylonitrile. Monatshefte für Chemie, 2015, 146, 1107-1113.	1.8	17
212	Synthesis of ruthenium N-heterocyclic carbene complexes and their catalytic activity for β -alkylation of tertiary cyclic amines. Journal of Organometallic Chemistry, 2015, 799-800, 311-315.	1.8	17
213	Ruthenium catalyzed β -C(sp ³)-H functionalization on the "privileged" piperazine nucleus. Chemical Communications, 2017, 53, 10448-10451.	4.1	17
214	New Synthesis of Heterocycles via Palladium-Catalyzed Double Carbonylation of Cyclic Alk-1-ynyl Carbonates. Synlett, 1996, 1996, 218-220.	1.8	16
215	Modification of Terpenoid Derivatives with Ruthenium Catalysts Generated in situ. European Journal of Organic Chemistry, 2002, 2002, 3816-3820.	2.4	16
216	New 1,2,4,5-tetrakis-(N-imidazoliummethyl)benzene and 1,2,4,5-tetrakis-(N-benzimidazoliummethyl)benzene salts as N-heterocyclic tetracarbene precursors: synthesis and involvement in ruthenium-catalyzed allylation reactions. Tetrahedron, 2010, 66, 1346-1351.	1.9	16

#	ARTICLE	IF	CITATIONS
217	Interest of the Precatalyst Design for Olefin Metathesis Operating in a Discontinuous Nanofiltration Membrane Reactor. <i>ChemPlusChem</i> , 2013, 78, 728-736.	2.8	16
218	Ruthenium(II) and iridium(III) complexes featuring NHC-sulfonate chelate. <i>Dalton Transactions</i> , 2015, 44, 17467-17472.	3.3	16
219	An Efficient Protocol for Palladium Heterocyclic Carbene-Catalysed Suzuki-Miyaura Reaction at room temperature. <i>ChemistrySelect</i> , 2017, 2, 5729-5734.	1.5	16
220	2,2'-Dipyridylamines: more than just sister members of the bipyridine family. Applications and achievements in homogeneous catalysis and photoluminescent materials. <i>Dalton Transactions</i> , 2019, 48, 11599-11622.	3.3	16
221	A New Route to Functional α -Enones via Prop-2-ynyl Alcohol Derivatives and Carbonates. <i>Synlett</i> , 1992, 1992, 453-454.	1.8	15
222	Five glycosylated flavonoids from the antibacterial butanolic extract of <i>Pituranthos scoparius</i> . <i>Chemistry of Natural Compounds</i> , 2008, 44, 639-641.	0.8	15
223	Iron salts catalyzed synthesis of α -N-substituted aminoacrylates. <i>Comptes Rendus Chimie</i> , 2008, 11, 612-619.	0.5	15
224	Ruthenium-catalyzed selective N,N-diallylation- and N,N,O-triallylation of free amino acids. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3906.	2.8	15
225	Imidazolium-Oxazoline Salts in Ruthenium-Catalyzed Allylic Substitution and Cross Metathesis of Formed Branched Isomers. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4752-4756.	2.0	15
226	Sesquiterpene lactones and flavonoids from <i>Centaurea foucauldiana</i> . <i>Chemistry of Natural Compounds</i> , 2012, 48, 510-511.	0.8	15
227	Palladium-Catalysed Regioselective Direct Arylations of Heteroarenes by Bromobenzamides: Direct Synthesis of Heteroaryl Benzamides. <i>ChemCatChem</i> , 2013, 5, 1956-1963.	3.7	15
228	Ruthenium(II)-catalysed selective C(sp ²)-H bond benzylation of biologically appealing <i>N</i> -arylisoindolinones. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7517-7525.	2.8	15
229	Nonconventional Supramolecular Self-Assemblies of Zinc(II)-Salphen Building Blocks. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5143-5151.	2.0	14
230	Synthesis of metathesis catalysts with fluorinated unsymmetrical <i>N</i> -diaryl imidazoline-based NHC ligands. <i>Journal of Fluorine Chemistry</i> , 2017, 200, 66-76.	1.7	14
231	Investigation of potential hybrid capacitor property of chelated N-Heterocyclic carbene Ruthenium(II) complex. <i>Journal of Organometallic Chemistry</i> , 2018, 866, 214-222.	1.8	14
232	Identification of thermal degradation products from diuron and iprodione. <i>Journal of Agricultural and Food Chemistry</i> , 1982, 30, 180-182.	5.2	13
233	Novel Two-Step Stereoselective Synthesis of (E)-Enamines and 1-Amino-1,3-dienes from Terminal Alkynes. <i>Synlett</i> , 1997, 1997, 807-808.	1.8	13
234	New [Ru ₃ (CO) ₁₂]-Based Catalysts with Imidazolinium Salt, Diimine, or Bis(oxazoline) Ligands and Ruthenium Bis(oxazoline) Complex for Tandem Isomerisation/Claisen Rearrangement of Dienyl Ethers: X-ray Structure of [RuCl{(R,R)-bis(isopropylloxazoline)}(p-cymene)]BF ₄ . <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 4055-4064.	2.0	13

#	ARTICLE	IF	CITATIONS
235	Synthesis of CF ₃ -Containing 1,2,3,4-Tetrahydroisoquinoline-3-Phosphonates via Regioselective Ruthenium-Catalyzed Co-cyclotrimerization of 1,7-Aza π -diynes. <i>Synlett</i> , 2013, 24, 1517-1522.	1.8	13
236	Thermal degradation of tri-n-butyl phosphate. <i>Journal of Analytical and Applied Pyrolysis</i> , 1981, 3, 71-81.	5.5	12
237	A phenylethanoid glycoside and flavonoids from <i>Phlomis crinita</i> (Cav.) (Lamiaceae). <i>Biochemical Systematics and Ecology</i> , 2005, 33, 813-816.	1.3	12
238	Diterpenes and sterols from the roots of <i>Salvia verbenaca</i> subsp. <i>clandestina</i> . <i>Chemistry of Natural Compounds</i> , 2008, 44, 824-825.	0.8	12
239	Reactivity of C-H bonds of polychlorobenzenes for palladium-catalysed direct arylations with aryl bromides. <i>Catalysis Science and Technology</i> , 2014, 4, 352-360.	4.1	12
240	Silver-Catalyzed Hydrogenation of Ketones under Mild Conditions. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 786-790.	4.3	12
241	Utilization of an industrial feedstock without separation. <i>Green Chemistry</i> , 1999, 1, 183-185.	9.0	11
242	Synthesis of New Perhydroindole Derivatives and Their Evaluation in Ruthenium-Catalyzed Hydrogen Transfer Reduction. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 934-940.	2.4	11
243	Alkene Metathesis Catalysis: A Key for Transformations of Unsaturated Plant Oils and Renewable Derivatives. <i>Oil and Gas Science and Technology</i> , 2016, 71, 19.	1.4	11
244	Transformations of bio-sourced 4-hydroxyphenylpropanoids based on olefin metathesis. <i>ChemCatChem</i> , 2020, 12, 5000-5021.	3.7	11
245	New sesquiterpene lactone and other constituents from <i>Centaurea sulphurea</i> (Asteraceae). <i>Natural Product Communications</i> , 2010, 5, 849-50.	0.5	11
246	Synthesis of Functional Oxazolidin-2-ones and Oxadiazin-2-ones in Two Steps from CO ₂ via Cyclic β -Methylene Carbonates. <i>Synlett</i> , 1993, 1993, 423-424.	1.8	10
247	Stereoselective synthesis of β -ketoesters from prop-2-yn-1-ols. <i>Tetrahedron</i> , 1997, 53, 9241-9252.	1.9	10
248	Nucleophilic Additions to Alkynes and Reactions via Vinylidene Intermediates. , 2005, , 189-217.		10
249	Volatile Oil Constituents of <i>Teucrium atratum</i> Pomel from Algeria. <i>Journal of Essential Oil Research</i> , 2006, 18, 175-177.	2.7	10
250	Synthesis of stereo-defined 1,1,4,4-tetrahalo- and 1,1,4,4-mixed-tetrahalo-1,3-butadienes. <i>Tetrahedron Letters</i> , 2008, 49, 624-627.	1.4	10
251	Ruthenium-Catalyzed Cyclotrimerization of 1,6- and 1,7-Azadiynes: New Access to Fluorinated Bicyclic Amino Acids. <i>Synlett</i> , 2008, 2008, 578-582.	1.8	10
252	Hydride-Induced Novel Cyclization of Dienedinitriles Leading to Multifunctionalized Cyclopentadienes. <i>Organic Letters</i> , 2009, 11, 4458-4461.	4.6	10

#	ARTICLE	IF	CITATIONS
253	Stepwise catalytic transformations of renewable feedstock arising from plant oils. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 490-500.	1.5	10
254	Ruthenium(II) and Iridium(III) Complexes Bearing Phosphinepyridonate and Phosphinequinolinolate Chelates. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4312-4317.	2.0	10
255	Olefin metathesis transformations in thermomorphic multicomponent solvent systems. <i>Catalysis Communications</i> , 2015, 63, 31-34.	3.3	10
256	Acceptorless and Base-Free Dehydrogenation of Alcohols Mediated by a Dipyridylamine-Iridium(III) Catalyst. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4326-4330.	2.4	10
257	Ruthenium Catalysts for Controlled Mono- and Bis-Allylation of Active Methylene Compounds with Aliphatic Allylic Substrates. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2724-2728.	4.3	9
258	Preparation of Sugar 1,2-Amino Acid Derivatives with Cyclic Structures by Ring-Closing Metathesis. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6092-6096.	2.4	9
259	Flavonoids from <i>Centaurea sulphurea</i> . <i>Chemistry of Natural Compounds</i> , 2011, 46, 966-967.	0.8	9
260	Merging Transition-Metal Catalysis with Phthalimides: A New Entry to Useful Building Blocks. <i>Synthesis</i> , 2018, 50, 4216-4228.	2.3	9
261	Base-controlled product switch in the ruthenium-catalyzed protodecarbonylation of phthalimides: a mechanistic study. <i>Catalysis Science and Technology</i> , 2020, 10, 180-186.	4.1	9
262	Allenenes and Cumulenes. , 2005, , 1019-1081.		8
263	Flavonoid glycosides from <i>Reseda villosa</i> (Resedaceae). <i>Biochemical Systematics and Ecology</i> , 2006, 34, 777-779.	1.3	8
264	Ruthenium Complexes Bearing Bulky Pentasubstituted Cyclopentadienyl Ligands and Evaluation of [Ru(η^5 -C ₅ Me ₄ R)(MeCN) ₃][PF ₆] Precatalysts in Nucleophilic Allylic Substitution Reactions. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3212-3217.	2.0	8
265	Dendralenes Preparation via Ene-Yne Cross-Metathesis from In Situ Generated 1,3-Enynes. <i>ChemCatChem</i> , 2011, 3, 1876-1879.	3.7	8
266	Palladium-Catalysed Direct Heteroarylations of Heteroaromatics Using Esters as Blocking Groups at C2 of Bromofuran and Bromothiophene Derivatives: A One-Step Access to Biheteroaryls. <i>Synlett</i> , 2012, 23, 2077-2082.	1.8	8
267	Synthesis and Applications in Catalysis of Metal Complexes with Chelating Phosphinosulfonate Ligands. <i>Advances in Organometallic Chemistry</i> , 2014, , 159-218.	1.0	8
268	Efficient Domino Hydroformylation/Benzoin Condensation: Highly Selective Synthesis of α -Hydroxy Ketones. <i>Chemistry - A European Journal</i> , 2015, 21, 18033-18037.	3.3	8
269	Acetals from primary alcohols with the use of tridentate proton responsive phosphinepyridonate iridium catalysts. <i>RSC Advances</i> , 2016, 6, 100554-100558.	3.6	8
270	Novel olefin metathesis catalysts with fluorinated N-alkyl-N-arylimidazolin-2-ylidene ligands. <i>Russian Chemical Bulletin</i> , 2017, 66, 1601-1606.	1.5	8

#	ARTICLE	IF	CITATIONS
271	Cationic versus anionic Pt complex: The performance analysis of a hybrid-capacitor, DFT calculation and electrochemical properties. <i>Polyhedron</i> , 2019, 157, 434-441.	2.2	8
272	Thermal [2+2] Cycloaddition of CF ₃ -Substituted Allenynes: Access to Novel Cyclobutene-Containing Î±-Amino Acids. <i>Synlett</i> , 2011, 2011, 2321-2324.	1.8	7
273	10 Catalytic conversion of biosourced raw materials: homogeneous catalysis. , 2012, , 231-262.		7
274	Cross metathesis of unsaturated epoxides for the synthesis of polyfunctional building blocks. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 1876-1880.	2.2	7
275	New fluorinated catalysts for olefin metathesis. <i>Mendeleev Communications</i> , 2016, 26, 474-476.	1.6	7
276	First elaboration of an olefin metathesis catalytic membrane by grafting a Hoveydaâ€™Grubbs precatalyst on zirconia membranes. <i>Comptes Rendus Chimie</i> , 2017, 20, 952-966.	0.5	7
277	Syntheses and characterization of molecular weight enlarged olefin metathesis pre-catalysts. <i>Comptes Rendus Chimie</i> , 2017, 20, 717-723.	0.5	7
278	Ene-yne Cross-Metathesis for the Preparation of 2,3-Diaryl-1,3-dienes. <i>Catalysts</i> , 2017, 7, 365.	3.5	7
279	Investigation of hybridâ€™capacitor properties of ruthenium complexes. <i>International Journal of Energy Research</i> , 2019, 43, 6840.	4.5	7
280	Tandem hydroformylation/isomerization/hydrogenation of bio-derived 1-arylbutadienes for the regioselective synthesis of branched aldehydes. <i>Applied Catalysis A: General</i> , 2020, 598, 117583.	4.3	7
281	Thermal degradation of chlorophenoxy acid herbicides. <i>Journal of Agricultural and Food Chemistry</i> , 1988, 36, 649-653.	5.2	6
282	Ruthenium-catalyzed tandem allylic substitution/isomerization: a direct route to propiophenones from cinnamyl chloride derivatives. <i>New Journal of Chemistry</i> , 2008, 32, 929.	2.8	6
283	Ring Closing and Macrocyclization of Î²â€™Dipeptides by Olefin Metathesis. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6433-6442.	2.4	6
284	Access to Functionalized Î±-Trifluoromethyl-Î±-aminophosphonates via Intermolecular Eneâ€™Yne Metathesis. <i>Synlett</i> , 2014, 25, 2624-2628.	1.8	6
285	Synthesis and conformational studies of Î±/Î²^{2,3}-peptides derived from alternating Î²^{2,3}-amino acids and <sc>l</sc>-Ala repeats. <i>New Journal of Chemistry</i> , 2015, 39, 3295-3309.	2.8	6
286	Carbon-rich Organoruthenium and Selective Catalytic Transformations of Alkynes. , 1997, , 1-20.		6
287	Palladium-Catalyzed Synthesis of Functional Tetralins via Benzylic Activation. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 841-845.	4.3	5
288	Two coumarins and a thienylbutylamide from <i>Anacyclus cyrtolepioides</i> from the Algerian Septentrional Sahara. <i>Chemistry of Natural Compounds</i> , 2007, 43, 612-613.	0.8	5

#	ARTICLE	IF	CITATIONS
289	Hydrogenation of β^2 -N-substituted enaminoesters in the presence of ruthenium catalysts. Journal of Organometallic Chemistry, 2010, 695, 870-874.	1.8	5
290	SYNTHESIS OF NOVEL ANTIBACTERIAL METAL FREE AND METALLOPHTHALOCYANINES APPENDING WITH FOUR PERIPHERAL COUMARIN DERIVATIVES AND THEIR SEPARATION OF STRUCTURAL ISOMERS. Heterocycles, 2013, 87, 2283.	0.7	5
291	Alkene Metathesis for Transformations of Renewables. Topics in Organometallic Chemistry, 2018, , 77-102.	0.7	5
292	Direct Access to (±)-10-Desbromoarborescidine A from Tryptamine and Pentane-1,5-diol. Asian Journal of Organic Chemistry, 2020, 9, 910-913.	2.7	5
293	Ruthenium-catalysed oxidative coupling of vinyl derivatives and application in tandem hydrogenation. Catalysis Science and Technology, 2021, 11, 5772-5776.	4.1	5
294	Cross metathesis of (-)- β^2 -pinene, (-)-limonene and terpenoids derived from limonene with internal olefins. Applied Catalysis A: General, 2021, 623, 118284.	4.3	5
295	Ruthenium-catalyzed Regioselective Synthesis of Dienol Diesters. Journal of Chemical Research Synopses, 1999, , 249-249.	0.3	4
296	Direct Preparation of N-(Alk-1-en-1-yl)carbamates from Cyclic Ketones and Unsubstituted Carbamates. Collection of Czechoslovak Chemical Communications, 2002, 67, 235-244.	1.0	4
297	Comparative Phytochemical Study of the Butanolic Extracts of Two Algerian Phlomis Species. Chemistry of Natural Compounds, 2004, 40, 188-189.	0.8	4
298	A New Access to the 6,8-Dioxabicyclo[3.2.1]octane Ring System Using a Three-Component Reaction: Enantioselective Synthesis of (+)-iso-exo-Brevicomine. Synlett, 2010, 2010, 207-210.	1.8	4
299	RTILs in Catalytic Olefin Metathesis Reactions. Topics in Organometallic Chemistry, 2013, , 287-305.	0.7	4
300	sp^3 - sp^3 carbon-carbon bond formation using 2-alkylazoles and a bromoacrylate as the reaction partners. Tetrahedron Letters, 2015, 56, 4354-4358.	1.4	4
301	Functionalization of (-)- β^2 -pinene and (-)-limonene via cross metathesis with symmetrical internal olefins. Catalysis Communications, 2020, 135, 105893.	3.3	4
302	Fluorine-containing ruthenium-based olefin metathesis catalysts. Russian Chemical Reviews, 2021, 90, 419-450.	6.5	4
303	Thermal behavior of some glycol ethers. Industrial & Engineering Chemistry Product Research and Development, 1982, 21, 74-76.	0.5	3
304	Thermal degradation of oxadiazon. Journal of Agricultural and Food Chemistry, 1982, 30, 772-775.	5.2	3
305	Ruthenium- and palladium-catalyzed synthesis of polyfunctional 1,3-dienes. Russian Chemical Bulletin, 1998, 47, 913-917.	1.5	3
306	Ruthenium-Catalyzed Transformations of Cyclopropylethyne. Synthesis, 2007, 2007, 3574-3588.	2.3	3

#	ARTICLE	IF	CITATIONS
307	Hydrogenation of \hat{I}^2 -N-Substituted and \hat{I}^2 -N,N-Disubstituted Enamino Esters in the Presence of Iridium(I) Catalyst. <i>Synthesis</i> , 2009, 2009, 2627-2633.	2.3	3
308	[Cp*Ru]-catalyzed selective coupling/hydrogenation. <i>Catalysis Science and Technology</i> , 2015, 5, 1650-1657.	4.1	3
309	Ruthenium Catalyzed Regioselective \hat{I}^2 - \hat{I}^3 H Functionalization of N-Alkyl- \hat{N}^2 -nitrophenyl Substituted Piperazines using Aldehydes as Alkylating Agents. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 453-458.	4.3	3
310	Thermal degradation of amphetamine sulphate. <i>Journal of Analytical and Applied Pyrolysis</i> , 1985, 7, 307-313.	5.5	2
311	Chemical Influence of the Oils Obtained by Hydropyrolysis of Wood. <i>ACS Symposium Series</i> , 1988, , 220-227.	0.5	2
312	Thermal degradation of dibutyltin oxide. <i>Journal of Analytical and Applied Pyrolysis</i> , 1989, 16, 183-190.	5.5	2
313	Tertiary 3-Aminopropenones and 3-Aminopropenoates: Their Preparation, with and without Lewis Acids, from Secondary Amines and 1,3-Diketo Compounds. <i>Synthesis</i> , 2007, 2007, 731-738.	2.3	2
314	Catalytic Cycloisomerization of Enynes Involving Various Activation Processes. <i>NATO Science Series Series II, Mathematics, Physics and Chemistry</i> , 2007, , 375-394.	0.1	2
315	Mild pyrolysis of phosalone. <i>Journal of Analytical and Applied Pyrolysis</i> , 1986, 10, 107-116.	5.5	1
316	Anti-Markovnikov Additions of O,N,P-Nucleophiles to Triple Bonds with Ruthenium Catalysts. , 0, , 313-332.		1
317	Title is missing!. <i>Advanced Synthesis and Catalysis</i> , 2001, 343, 331-334.	4.3	1
318	Ruthenium-Catalyzed Enantioselective Hydrogenation of Trisubstituted Enamides Derived from 2-Tetralone and 3-Chromanone: Influence of Substitution on the Amide Arm and the Aromatic Ring.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
319	\hat{I}^6 -Mesityl, \hat{I}^1 -1-Imidazolinyldiene \hat{I}^2 Carbene \hat{I}^3 Ruthenium(II) Complexes: Catalytic Activity of Their Allenylidene Derivatives in Alkene Metathesis and Cycloisomerization Reactions.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
320	Enantioselective Hydrogenation of \hat{I}^2 -Acylamino Acrylates Catalyzed by Rhodium(I)-Monophosphite Complexes.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
321	Allenylidene-Ruthenium Complexes as Versatile Precatalysts for Alkene Metathesis Reactions. <i>ChemInform</i> , 2004, 35, no.	0.0	0
322	Chiral Monodentate Phosphorus Ligands for Rhodium-Catalyzed Asymmetric Hydrogenation. <i>ChemInform</i> , 2004, 35, no.	0.0	0
323	First Enantioselective Allylic Etherification with Phenols Catalyzed by Chiral Ruthenium Bisoxazoline Complexes.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
324	Ruthenium Vinylidenes and Allenylidenes in Catalysis. <i>ChemInform</i> , 2005, 36, no.	0.0	0

#	ARTICLE	IF	CITATIONS
325	Concomitant Monoreduction and Hydrogenation of Unsaturated Cyclic Imides to Lactams Catalyzed by Ruthenium Compounds.. ChemInform, 2005, 36, no.	0.0	0
326	Electrophilic Activation and Cycloisomerization of Enynes: A New Route to Functional Cyclopropanes. ChemInform, 2005, 36, no.	0.0	0
327	Direct Preparation of N-(Alk-1-en-1-yl)carbamates from Cyclic Ketones and Unsubstituted Carbamates. ChemInform, 2010, 33, 99-99.	0.0	0
328	Synthesis of Bioactives Coumarin Derivatives, Phthalocyanines and Terminal Conjugated Dienes via a Ruthenium Catalyzed Cross-Metathesis: Application to Renewable Resources. Materials Science Forum, 0, 842, 1-45.	0.3	0
329	Pierre Dixneuf: A Pioneering Career in Organometallic Chemistry Highlighting Ruthenium as a Star Metal in Homogeneous Catalysis. Organometallics, 2021, 40, 1551-1554.	2.3	0
330	Ring Closing Versus Cyclic Isomerization of 1,6-Dienes by Ruthenium Allenylidene Complexes. , 2003, , 285-293.		0
331	Catalytic Incorporation of CO2 for the Synthesis of Organic Compounds. , 1990, , 65-77.		0