

Karol Grela

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235
papers

8,604
citations

47
h-index

84
g-index

309
ext. papers

9,280
ext. citations

5.6
avg, IF

6.36
L-index

#	Paper	IF	Citations
235	Ruthenium-based olefin metathesis catalysts bearing N-heterocyclic carbene ligands. <i>Chemical Reviews</i> , 2009 , 109, 3708-42	68.1	858
234	Ring-Closing Alkyne Metathesis: Application to the Stereoselective Total Synthesis of Prostaglandin E(2)-1,15-Lactone This work was supported by the Deutsche Forschungsgemeinschaft (Leibniz program) and the Fonds der Chemischen Industrie. K.G. thanks the Alexander von Humboldt Foundation for a fellowship. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 4038-40	16.4	529
233	Nitro-substituted Hoveyda-Grubbs ruthenium carbenes: enhancement of catalyst activity through electronic activation. <i>Journal of the American Chemical Society</i> , 2004 , 126, 9318-25	16.4	420
232	A highly efficient ruthenium catalyst for metathesis reactions. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 4038-40	16.4	353
231	Sustainable concepts in olefin metathesis. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6786-801	16.4	305
230	In an attempt to provide a user's guide to the galaxy of benzylidene, alkoxybenzylidene, and indenylidene ruthenium olefin metathesis catalysts. <i>Chemistry - A European Journal</i> , 2008 , 14, 806-18	4.8	208
229	Aqueous olefin metathesis. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 442-54	16.4	182
228	A green catalyst for green chemistry: Synthesis and application of an olefin metathesis catalyst bearing a quaternary ammonium group. <i>Green Chemistry</i> , 2006 , 8, 685-688	10	140
227	A new concept for the noncovalent binding of a ruthenium-based olefin metathesis catalyst to polymeric phases: preparation of a catalyst on Raschig rings. <i>Journal of the American Chemical Society</i> , 2006 , 128, 13261-7	16.4	135
226	Advanced fine-tuning of grubbs/hoveyda olefin metathesis catalysts: a further step toward an optimum balance between antinomic properties. <i>Journal of the American Chemical Society</i> , 2006 , 128, 13652-3	16.4	133
225	Olefin metathesis in ionic liquids. <i>Chemical Society Reviews</i> , 2008 , 37, 2433-42	58.5	115
224	Novel and Flexible Entries into Prostaglandins and Analogues Based on Ring Closing Alkyne Metathesis or Alkyne Cross Metathesis. <i>Journal of the American Chemical Society</i> , 2000 , 122, 11799-11805	16.4	112
223	Structure and Activity Peculiarities of Ruthenium Quinoline and Quinoxaline Complexes: Novel Metathesis Catalysts. <i>Organometallics</i> , 2006 , 25, 3599-3604	3.8	105
222	A Highly Efficient Ruthenium Catalyst for Metathesis Reactions. <i>Angewandte Chemie</i> , 2002 , 114, 4210-4212	16.4	105
221	Highly active catalysts for olefin metathesis in water. <i>Catalysis Science and Technology</i> , 2012 , 2, 2424	5.5	93
220	The doping effect of fluorinated aromatic hydrocarbon solvents on the performance of common olefin metathesis catalysts: application in the preparation of biologically active compounds. <i>Chemical Communications</i> , 2008 , 6282-4	5.8	88
219	A PS-DES immobilized ruthenium carbene: a robust and easily recyclable catalyst for olefin metathesis. <i>Tetrahedron Letters</i> , 2002 , 43, 9055-9059	2	87

218	New tunable catalysts for olefin metathesis: Controlling the initiation through electronic factors. <i>Journal of Molecular Catalysis A</i> , 2006 , 254, 118-123		86
217	A highly active aqueous olefin metathesis catalyst bearing a quaternary ammonium group. <i>ChemSusChem</i> , 2008 , 1, 103-9	8.3	83
216	Concise total syntheses of epothilone A and C based on alkyne metathesis. <i>Chemical Communications</i> , 2001 , 1057-1059	5.8	82
215	A dormant ruthenium catalyst bearing a chelating carboxylate ligand: in situ activation and application in metathesis reactions. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 7206-9	16.4	79
214	Studies on electronic effects in O-, N- and S-chelated ruthenium olefin-metathesis catalysts. <i>Chemistry - A European Journal</i> , 2010 , 16, 8726-37	4.8	78
213	A Good Bargain: An Inexpensive, Air-Stable Ruthenium Metathesis Catalyst Derived from β -Asarone. <i>European Journal of Organic Chemistry</i> , 2003 , 2003, 963-966	3.2	77
212	Nachhaltige Konzepte in der Olefinmetathese. <i>Angewandte Chemie</i> , 2007 , 119, 6906-6922	3.6	76
211	Probing of the Ligand Anatomy: Effects of the Chelating Alkoxy Ligand Modifications on the Structure and Catalytic Activity of Ruthenium Carbene Complexes. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 193-203	5.6	75
210	The doping effect of fluorinated aromatic solvents on the rate of ruthenium-catalysed olefin metathesis. <i>Chemistry - A European Journal</i> , 2011 , 17, 12981-93	4.8	74
209	Activated pyridinium-tagged ruthenium complexes as efficient catalysts for ring-closing metathesis. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 5397-5405	2.3	69
208	Ortho- and para-substituted Hoveyda-Grubbs carbenes. An improved synthesis of highly efficient metathesis initiators. <i>Journal of Organic Chemistry</i> , 2004 , 69, 6894-6	4.2	69
207	Olefin metathesis in water using acoustic emulsification. <i>Green Chemistry</i> , 2008 , 10, 271	10	68
206	Mechanistic insights into the cis-trans isomerization of ruthenium complexes relevant to catalysis of olefin metathesis. <i>Chemistry - A European Journal</i> , 2010 , 16, 14354-64	4.8	67
205	Highly recoverable pyridinium-tagged Hoveyda-Grubbs pre-catalyst for olefin metathesis. Design of the boomerang ligand toward the optimal compromise between activity and reusability. <i>Chemical Communications</i> , 2007 , 3771-3	5.8	67
204	Ruthenium quinoline and quinoxaline complexes: Thermally triggered initiators for ring opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 3494-3500	2.5	64
203	Initiation at Snails Pace: Design and Applications of Latent Olefin Metathesis Catalysts Featuring Chelating Alkylidene Ligands. <i>Current Organic Chemistry</i> , 2008 , 12, 1631-1647	1.7	63
202	Ruthenium Olefin Metathesis Initiators Bearing Chelating Sulfoxide Ligands. <i>Organometallics</i> , 2009 , 28, 2693-2700	3.8	60
201	Towards cleaner olefin metathesis: tailoring the NHC ligand of second generation ruthenium catalysts to afford auxiliary traits. <i>Green Chemistry</i> , 2014 , 16, 4474-4492	10	57

200	A fine-tuned molybdenum hexacarbonyl/phenol initiator for alkyne metathesis. <i>Journal of Organic Chemistry</i> , 2004 , 69, 7748-51	4.2	57
199	Rational Design and Evaluation of Upgraded Grubbs/Hoveyda Olefin Metathesis Catalysts: Polyfunctional Benzylidene Ethers on the Test Bench. <i>Organometallics</i> , 2011 , 30, 4144-4158	3.8	56
198	Latent Thermo-Switchable Olefin Metathesis Initiators Bearing a Pyridyl-Functionalized Chelating Carbene: Influence of the Leaving Group's Rigidity on the Catalyst's Performance. <i>Organometallics</i> , 2010 , 29, 117-124	3.8	55
197	Is the Hoveyda-Grubbs complex a vinylogous Fischer-type carbene? Aromaticity-controlled activity of ruthenium metathesis catalysts. <i>Chemistry - A European Journal</i> , 2008 , 14, 9330-7	4.8	55
196	Highly selective cross-metathesis with phenyl vinyl sulphone using the second generation Grubbs catalyst. <i>Tetrahedron Letters</i> , 2001 , 42, 6425-6428	2	55
195	An improved catalyst for ring-closing alkyne metathesis based on molybdenum hexacarbonyl/2-fluorophenol. <i>Organic Letters</i> , 2002 , 4, 3747-9	6.2	55
194	Easily removable olefin metathesis catalysts. <i>Green Chemistry</i> , 2012 , 14, 3264	10	54
193	Cross-metathesis reaction of vinyl sulfones and sulfoxides. <i>Tetrahedron</i> , 2003 , 59, 4525-4531	2.4	54
192	: Simple and Robust Immobilization of Olefin Metathesis Catalysts inside (Al)MIL-101-NH ₂ . <i>ACS Catalysis</i> , 2016 , 6, 6343-6349	13.1	53
191	Batchwise and continuous nanofiltration of POSS-tagged Grubbs-Hoveyda-type olefin metathesis catalysts. <i>ChemSusChem</i> , 2013 , 6, 182-92	8.3	53
190	Synthesis of substituted p-stereogenic vinylphosphine oxides by olefin cross-metathesis. <i>Organic Letters</i> , 2003 , 5, 3217-20	6.2	53
189	E- and Z-Selective Transfer Semihydrogenation of Alkynes Catalyzed by Standard Ruthenium Olefin Metathesis Catalysts. <i>Organic Letters</i> , 2016 , 18, 6196-6199	6.2	51
188	Tandem Catalysis Utilizing Olefin Metathesis Reactions. <i>Chemistry - A European Journal</i> , 2016 , 22, 9440-548	4.8	47
187	Olefin cross-metathesis with vinyl halides. <i>Chemical Communications</i> , 2008 , 2468-70	5.8	47
186	Homo- and Cross-Olefin Metathesis Coupling of Vinylphosphane Oxides and Electron-Poor Alkenes: Access to P-Stereogenic Dienophiles. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 931-938	5.6	46
185	At Long Last: Olefin Metathesis Macrocyclization at High Concentration. <i>Journal of the American Chemical Society</i> , 2018 , 140, 8895-8901	16.4	45
184	A New Tool in the Toolbox: Electron-Withdrawing Group Activated Ruthenium Catalysts for Olefin Metathesis. <i>Synlett</i> , 2013 , 24, 903-919	2.2	42
183	Quest for the ideal olefin metathesis catalyst. <i>Pure and Applied Chemistry</i> , 2008 , 80, 31-43	2.1	42

182	Microwave-Assisted Ruthenium-Catalysed Olefin Metathesis in Fluorinated Aromatic Hydrocarbons: A Beneficial Combination. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 1993-2002	5.6	41
181	A simple and practical phase-separation approach to the recycling of a homogeneous metathesis catalyst. <i>Chemical Communications</i> , 2006 , 841-3	5.8	41
180	Ring-Closing Metathesis 2014 , 85-152		39
179	Synthesis, Structure, and Catalytic Activity of New Ruthenium(II) Indenylidene Complexes Bearing Unsymmetrical N-Heterocyclic Carbenes. <i>Organometallics</i> , 2014 , 33, 2160-2171	3.8	38
178	Ruthenium catalysts bearing chelating carboxylate ligands: application to metathesis reactions in water. <i>Tetrahedron</i> , 2010 , 66, 1051-1056	2.4	38
177	New Ruthenium(II) Indenylidene Complexes Bearing Unsymmetrical N-Heterocyclic Carbenes. <i>Organometallics</i> , 2012 , 31, 7316-7319	3.8	36
176	A Practical Larger Scale Preparation of Second-Generation Hoveyda-Type Catalysts. <i>Organometallics</i> , 2007 , 26, 1096-1099	3.8	36
175	High-Performance Isocyanide Scavengers for Use in Low-Waste Purification of Olefin Metathesis Products. <i>ChemSusChem</i> , 2015 , 8, 4139-48	8.3	35
174	Structural and Mechanistic Basis of the Fast Metathesis Initiation by a Six-Coordinated Ruthenium Catalyst. <i>Organometallics</i> , 2013 , 32, 3625-3630	3.8	35
173	Ruthenium Olefin Metathesis Catalysts Containing Six-Membered Sulfone and Sulfonamide Chelating Rings. <i>Organometallics</i> , 2011 , 30, 1130-1138	3.8	35
172	Forged and fashioned for faithfulness-ruthenium olefin metathesis catalysts bearing ammonium tags. <i>Chemical Communications</i> , 2017 , 54, 122-139	5.8	35
171	2-Methyltetrahydrofuran: Sustainable solvent for ruthenium-catalyzed olefin metathesis. <i>Catalysis Communications</i> , 2014 , 44, 80-84	3.2	33
170	Stable ruthenium indenylidene complexes with a sterically reduced NHC ligand. <i>Chemical Communications</i> , 2013 , 49, 3188-90	5.8	33
169	A new family of halogen-chelated Hoveyda-Grubbs-type metathesis catalysts. <i>Chemistry - A European Journal</i> , 2012 , 18, 14237-41	4.8	33
168	W&srige Olefinmetathese. <i>Angewandte Chemie</i> , 2009 , 121, 450-462	3.6	33
167	Chelating ruthenium phenolate complexes: synthesis, general catalytic activity, and applications in olefin metathesis polymerization. <i>Chemistry - A European Journal</i> , 2014 , 20, 14120-5	4.8	31
166	Homo- and heterogeneous Ru-based metathesis catalysts in cross-metathesis of 15-allylestrone&owards 17&hydroxysteroid dehydrogenase type 1 inhibitors. <i>Tetrahedron Letters</i> , 2008 , 49, 3019-3022	2	31
165	Ringschlussmetathese von Alkinen: Anwendung auf die stereoselektive Totalsynthese von Prostaglandin-E2-1,15-Lacton. <i>Angewandte Chemie</i> , 2000 , 112, 1292-1294	3.6	30

164	Specialized Ruthenium Olefin Metathesis Catalysts Bearing Bulky Unsymmetrical NHC Ligands: Computations, Synthesis, and Application. <i>ACS Catalysis</i> , 2019 , 9, 587-598	13.1	30
163	Hoveyda–Grubbs-Type Precatalysts with Unsymmetrical N-Heterocyclic Carbenes as Effective Catalysts in Olefin Metathesis. <i>Organometallics</i> , 2017 , 36, 2153-2166	3.8	29
162	Formation of tetrasubstituted C=C double bonds via olefin metathesis: challenges, catalysts, and applications in natural product synthesis. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 494-516	5.2	29
161	Highly efficient and time economical purification of olefin metathesis products from metal residues using an isocyanide scavenger. <i>Green Chemistry</i> , 2018 , 20, 1280-1289	10	28
160	Synthetic and mechanistic studies on enyne metathesis: A catalyst influence. <i>Journal of Molecular Catalysis A</i> , 2006 , 257, 59-66		28
159	New air-stable ruthenium olefin metathesis precatalysts derived from bisphenol S. <i>Journal of Organometallic Chemistry</i> , 2006 , 691, 5289-5297	2.3	28
158	Metathesis of renewable raw materials: Influence of ligands in the indenylidene type catalysts on self-metathesis of methyl oleate and cross-metathesis of methyl oleate with (Z)-2-butene-1,4-diol diacetate. <i>Green Chemistry</i> , 2014 , 16, 1579	10	27
157	Expanding the Family of Hoveyda–Grubbs Catalysts Containing Unsymmetrical NHC Ligands. <i>Organometallics</i> , 2017 , 36, 3692-3708	3.8	27
156	Effective immobilisation of a metathesis catalyst bearing an ammonium-tagged NHC ligand on various solid supports. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 5-15	2.5	27
155	The joy and challenge of small rings metathesis. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5504-7	16.4	26
154	Ruthenium nitronate complexes as tunable catalysts for olefin metathesis and other transformations. <i>Chemical Communications</i> , 2013 , 49, 674-6	5.8	25
153	3-Bromopyridine As a Sixth Ligand in Sulfoxide-Based Hoveyda Complexes: A Study on Catalytic Properties. <i>Organometallics</i> , 2013 , 32, 2192-2198	3.8	25
152	Low Catalyst Loadings in Self-Metathesis of 1-Dodecene. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 1997-2006	5.6	25
151	Solvent-dependent resonance Raman spectra of high-valent oxomolybdenum(V) tris[3,5-bis(trifluoromethyl)phenyl]corrolate. <i>Inorganic Chemistry</i> , 2007 , 46, 5616-24	5.1	25
150	Catalysts for new tasks: preparation and applications of tunable ruthenium catalysts for olefin metathesis. <i>Chemical Record</i> , 2006 , 6, 144-56	6.6	25
149	Ruthenium-based complexes containing a benzimidazolium tag covalently connected to N-heterocyclic carbene ligands: environmentally friendly catalysts for olefin metathesis transformations. <i>Dalton Transactions</i> , 2013 , 42, 7354-8	4.3	24
148	Ruthenium-amido complexes: synthesis, structure, and catalytic activity in olefin metathesis. <i>Chemistry - A European Journal</i> , 2012 , 18, 6465-9	4.8	24
147	Convenient preparation of metals deposited on solid supports and their use in organic synthesis. <i>Tetrahedron</i> , 1998 , 54, 10827-10836	2.4	24

146	Highly Active Ammonium-Tagged Olefin-Metathesis Catalyst for Simplified Purification. <i>Synlett</i> , 2008 , 2008, 2692-2696	2.2	24
145	A Dormant Ruthenium Catalyst Bearing a Chelating Carboxylate Ligand: In Situ Activation and Application in Metathesis Reactions. <i>Angewandte Chemie</i> , 2007 , 119, 7344-7347	3.6	24
144	Synthesis of Macrocyclic Carbonates with Musk Odor by Ring-Closing Olefin Metathesis. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 2053-2056	3.2	24
143	Olefin Metathesis on a TLC Plate as a Tool for a High-Throughput Screening of Catalyst-Substrate Sets. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1043-1051	5.6	23
142	In tandem or alone: a remarkably selective transfer hydrogenation of alkenes catalyzed by ruthenium olefin metathesis catalysts. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 2684-8	3.9	22
141	Synthesis of functionalised N-heterocyclic carbene ligands bearing a long spacer and their use in olefin metathesis. <i>Dalton Transactions</i> , 2013 , 42, 7463-7	4.3	22
140	Ruthenium metathesis catalyst bearing chelating carboxylate ligand immobilized on mesoporous molecular sieve SBA-15. <i>Catalysis Communications</i> , 2012 , 21, 42-45	3.2	22
139	Unequal siblings: Adverse characteristics of naphthalene-based hoveyda-type second generation initiators in ring opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 3448-3454	2.5	22
138	Conformational Flexibility of Hoveyda-Type and Grubbs-Type Complexes Bearing Acyclic Carbenes and Its Impact on Their Catalytic Properties. <i>Organometallics</i> , 2015 , 34, 563-570	3.8	21
137	Variation of the Sterical Properties of the N-Heterocyclic Carbene Coligand in Thermally Triggerable Ruthenium-Based Olefin Metathesis Precatalysts/Initiators. <i>Organometallics</i> , 2015 , 34, 5383-5392	3.8	21
136	Industrial Applications of Olefin Metathesis Polymerization 2014 , 329-333		21
135	Challenges and Opportunities for Scaling the Ring-Closing Metathesis Reaction in the Pharmaceutical Industry 2014 , 349-365		21
134	Thermal Switchability of N-Chelating Hoveyda-type Catalyst Containing a Secondary Amine Ligand. <i>Organometallics</i> , 2012 , 31, 462-469	3.8	21
133	Looking for the Noncyclic(amino)(alkyl)carbene Ruthenium Catalyst for Ethenolysis of Ethyl Oleate: Selectivity Is on Target. <i>ACS Omega</i> , 2018 , 3, 18481-18488	3.9	21
132	Rational and Then Serendipitous Formation of Aza Analogues of Hoveyda-Type Catalysts Containing a Chelating Ester Group Leading to a Polymerization Catalyst Family. <i>ACS Catalysis</i> , 2017 , 7, 4115-4121	13.1	20
131	Synthesis of Selectively Substituted or Deuterated Indenes via Sequential Pd and Ru Catalysis. <i>Journal of Organic Chemistry</i> , 2017 , 82, 4226-4234	4.2	20
130	Helicenes as Chirality-Inducing Groups in Transition-Metal Catalysis: The First Helically Chiral Olefin Metathesis Catalyst. <i>Chemistry - A European Journal</i> , 2018 , 24, 10994-10998	4.8	20
129	Nitro and Other Electron Withdrawing Group Activated Ruthenium Catalysts for Olefin Metathesis Reactions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13738-13756	16.4	20

128	Fishing for the right catalyst for the cross-metathesis reaction of methyl oleate with 2-methyl-2-butene. <i>Catalysis Science and Technology</i> , 2017 , 7, 1284-1296	5.5	19
127	Semiheterogeneous Purification Protocol for the Removal of Ruthenium Impurities from Olefin Metathesis Reaction Products Using an Isocyanide Scavenger. <i>Organic Process Research and Development</i> , 2019 , 23, 836-844	3.9	19
126	A Selective and Functional Group-Tolerant Ruthenium-Catalyzed Olefin Metathesis/Transfer Hydrogenation Tandem Sequence Using Formic Acid as Hydrogen Source. <i>Journal of Organic Chemistry</i> , 2018 , 83, 2542-2553	4.2	19
125	Simple and Mild Synthesis of Indoles via Hydroamination Reaction Catalysed by NHC π Gold Complexes: Looking for Optimized Conditions. <i>Synlett</i> , 2016 , 27, 599-603	2.2	19
124	Preparation of Musk-Smelling Macrocyclic Lactones from Biomass: Looking for the Optimal Substrate Combination. <i>ChemSusChem</i> , 2018 , 11, 3157-3166	8.3	19
123	Ethyl Lactate: A Green Solvent for Olefin Metathesis. <i>ChemSusChem</i> , 2019 , 12, 4655-4661	8.3	19
122	Olefin Metathesis Polymerization 2014 , 269-284		19
121	A highly selective synthesis of dialkenyl sulfones via cross-metathesis of divinyl sulfone. <i>Organic Letters</i> , 2006 , 8, 5689-92	6.2	19
120	Non-Glovebox Ethenolysis of Ethyl Oleate and FAME at Larger Scale Utilizing a Cyclic (Alkyl)(Amino)Carbene Ruthenium Catalyst. <i>European Journal of Lipid Science and Technology</i> , 2020 , 122, 1900263	3	19
119	Ruthenium Complexes Bearing Thiophene-Based Unsymmetrical N-Heterocyclic Carbene Ligands as Selective Catalysts for Olefin Metathesis in Toluene and Environmentally Friendly 2-Methyltetrahydrofuran. <i>Chemistry - A European Journal</i> , 2018 , 24, 15372-15379	4.8	19
118	Alkene Metathesis in Water 2013 , 291-336		18
117	Ruthenium Catalysts Supported by Amino-Substituted N-Heterocyclic Carbene Ligands for Olefin Metathesis of Challenging Substrates. <i>Chemistry - A European Journal</i> , 2017 , 23, 1950-1955	4.8	16
116	Sulfoxide-Chelated Ruthenium Benzylidene Catalyst: a Synthetic Study on the Utility of Olefin Metathesis. <i>ChemCatChem</i> , 2016 , 8, 2817-2823	5.2	16
115	Noncovalent Immobilization of Cationic Ruthenium Complex in a MetalOrganic Framework by Ion Exchange Leading to a Heterogeneous Olefin Metathesis Catalyst for Use in Green Solvents. <i>Organometallics</i> , 2019 , 38, 3397-3405	3.8	16
114	X-Ray Photoelectron Spectroscopy and Reactivity Studies of a Series of Ruthenium Catalysts. <i>ChemCatChem</i> , 2009 , 1, 144-151	5.2	16
113	Mild Functionalization of Tetraoxane Derivatives via Olefin Metathesis: Compatibility of Ruthenium Alkylidene Catalysts with Peroxides. <i>Organic Letters</i> , 2017 , 19, 520-523	6.2	15
112	Sequential Alkene Isomerization and Ring-Closing Metathesis in Production of Macrocyclic Musks from Biomass. <i>Chemistry - A European Journal</i> , 2018 , 24, 10403-10408	4.8	15
111	The simple synthesis of stable A 3 - and trans -A 2 B-molybdenum(V) corrolates. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 871-875	3.1	15

110	Nitrenium ions and trivalent boron ligands as analogues of N-heterocyclic carbenes in olefin metathesis: a computational study. <i>Dalton Transactions</i> , 2015 , 44, 20021-6	4.3	14
109	Cross Metathesis 2014 , 37-83		14
108	Domino and Other Olefin Metathesis Reaction Sequences 2014 , 187-232		14
107	Hoveyda-Grubbs catalyst analogues bearing the derivatives of N-phenylpyrrol in the carbene ligand - structure, stability, activity and unique ruthenium-phenyl interactions. <i>Dalton Transactions</i> , 2017 , 46, 11790-11799	4.3	14
106	Synthesis of Stable Ruthenium Olefin Metathesis Catalysts with Mixed Anionic Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1477-1484	2.3	14
105	Nitrogen NMR shieldings of nitroalkanes as a structural and conformational probe. <i>Magnetic Resonance in Chemistry</i> , 1998 , 36, S85-S92	2.1	14
104	Olefin Metathesis Under Continuous Flow Mode. <i>Current Organic Chemistry</i> , 2013 , 17, 2740-2748	1.7	14
103	Azoliniums, Adducts, NHCs and Azomethine Ylides: Divergence in Wanzlick Equilibrium and Olefin Metathesis Catalyst Formation. <i>Chemistry - A European Journal</i> , 2018 , 24, 4785-4789	4.8	13
102	Ruthenium Amide Complexes [Synthesis and Catalytic Activity in Olefin Metathesis and in Ring-Opening Polymerisation. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 1766-1774	2.3	13
101	Catalytic and Structural Studies of Hoveyda-Grubbs Type Pre-Catalysts Bearing Modified Ether Ligands. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 2734-2742	5.6	13
100	Ruthenium-Catalysed Olefin Metathesis in Environmentally Friendly Solvents: 2-Methyltetrahydrofuran Revisited. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 640-646	3.2	13
99	An isocyanide ligand for the rapid quenching and efficient removal of copper residues after Cu/TEMPO-catalyzed aerobic alcohol oxidation and atom transfer radical polymerization. <i>Chemical Science</i> , 2020 , 11, 4251-4262	9.4	13
98	Testing New Ruthenium Complexes bearing Chiral 1,2,4-Triazol-5-ylidene [Ligands as Catalysts for Asymmetric Olefin Metathesis. <i>Synlett</i> , 2013 , 24, 1250-1254	2.2	12
97	Force field parametrization and molecular dynamics simulation of flexible POSS-linked (NHC; phosphine) Ru catalytic complexes. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 12017-24	2.8	12
96	Onium-tagged Ru complexes as universal catalysts for olefin metathesis reactions in various media. <i>Pure and Applied Chemistry</i> , 2009 , 81, 2001-2012	2.1	12
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