Karol Grela

List of Publications by Year
in descending order

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221	9,756	38720	48277
papers	citations	50 h-index	88 g-index

309	309	309	4502
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ruthenium-Based Olefin Metathesis Catalysts Bearing N-Heterocyclic Carbene Ligands. Chemical Reviews, 2009, 109, 3708-3742.	23.0	936
2	Ring-Closing Alkyne Metathesis: Application to the Stereoselective Total Synthesis of Prostaglandin E2-1,15-Lactone. Angewandte Chemie - International Edition, 2000, 39, 1234-1236.	7.2	562
3	Nitro-Substituted Hoveydaâ"Grubbs Ruthenium Carbenes:Â Enhancement of Catalyst Activity through Electronic Activation. Journal of the American Chemical Society, 2004, 126, 9318-9325.	6.6	444
4	A Highly Efficient Ruthenium Catalyst for Metathesis Reactions. Angewandte Chemie - International Edition, 2002, 41, 4038-4040.	7.2	391
5	Sustainable Concepts in Olefin Metathesis. Angewandte Chemie - International Edition, 2007, 46, 6786-6801.	7.2	328
6	In an Attempt to Provide a User's Guide to the Galaxy of Benzylidene, Alkoxybenzylidene, and Indenylidene Ruthenium Olefin Metathesis Catalysts. Chemistry - A European Journal, 2008, 14, 806-818.	1.7	215
7	Aqueous Olefin Metathesis. Angewandte Chemie - International Edition, 2009, 48, 442-454.	7.2	193
8	A green catalyst for green chemistry: Synthesis and application of an olefin metathesis catalyst bearing a quaternary ammonium group. Green Chemistry, 2006, 8, 685-688.	4.6	151
9	A New Concept for the Noncovalent Binding of a Ruthenium-Based Olefin Metathesis Catalyst to Polymeric Phases:Â Preparation of a Catalyst on Raschig Rings. Journal of the American Chemical Society, 2006, 128, 13261-13267.	6.6	144
10	Advanced Fine-Tuning of Grubbs/Hoveyda Olefin Metathesis Catalysts:Â A Further Step toward an Optimum Balance between Antinomic Properties. Journal of the American Chemical Society, 2006, 128, 13652-13653.	6.6	140
11	Novel and Flexible Entries into Prostaglandins and Analogues Based on Ring Closing Alkyne Metathesis or Alkyne Cross Metathesis. Journal of the American Chemical Society, 2000, 122, 11799-11805.	6.6	133
12	Olefin metathesis in ionic liquids. Chemical Society Reviews, 2008, 37, 2433.	18.7	128
13	A Highly Efficient Ruthenium Catalyst for Metathesis Reactions. Angewandte Chemie, 2002, 114, 4210-4212.	1.6	112
14	Structure and Activity Peculiarities of Ruthenium Quinoline and Quinoxaline Complexes:Â Novel Metathesis Catalysts. Organometallics, 2006, 25, 3599-3604.	1.1	112
15	A PS-DES immobilized ruthenium carbene: a robust and easily recyclable catalyst for olefin metathesis. Tetrahedron Letters, 2002, 43, 9055-9059.	0.7	105
16	Highly active catalysts for olefin metathesis in water. Catalysis Science and Technology, 2012, 2, 2424.	2.1	105
17	Concise total syntheses of epothilone A and C based on alkyne metathesis. Chemical Communications, 2001, , 1057-1059.	2.2	92
18	The doping effect of fluorinated aromatic hydrocarbon solvents on the performance of common olefin metathesis catalysts: application in the preparation of biologically active compounds. Chemical Communications, 2008, , 6282.	2.2	91

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19	New tunable catalysts for olefin metathesis: Controlling the initiation through electronic factors. Journal of Molecular Catalysis A, 2006, 254, 118-123.	4.8	90
20	A Good Bargain: An Inexpensive, Air-Stable Ruthenium Metathesis Catalyst Derived from Î±-Asarone. European Journal of Organic Chemistry, 2003, 2003, 963-966.	1.2	87
21	A Highly Active Aqueous Olefin Metathesis Catalyst Bearing a Quaternary Ammonium Group. ChemSusChem, 2008, 1, 103-109.	3.6	86
22	A Dormant Ruthenium Catalyst Bearing a Chelating Carboxylate Ligand: Inâ€…Situ Activation and Application in Metathesis Reactions. Angewandte Chemie - International Edition, 2007, 46, 7206-7209.	7.2	83
23	Studies on Electronic Effects in Oâ€• Nâ€•and Sâ€Chelated Ruthenium Olefinâ€Metathesis Catalysts. Chemistry - A European Journal, 2010, 16, 8726-8737.	1.7	82
24	Probing of the Ligand Anatomy: Effects of the Chelating Alkoxy Ligand Modifications on the Structure and Catalytic Activity of Ruthenium Carbene Complexes. Advanced Synthesis and Catalysis, 2007, 349, 193-203.	2.1	80
25	The Doping Effect of Fluorinated Aromatic Solvents on the Rate of Rutheniumâ€Catalysed Olefin Metathesis. Chemistry - A European Journal, 2011, 17, 12981-12993.	1.7	79
26	Ortho- and Para-Substituted Hoveydaâ˜'Grubbs Carbenes. An Improved Synthesis of Highly Efficient Metathesis Initiatorsâ€. Journal of Organic Chemistry, 2004, 69, 6894-6896.	1.7	75
27	Olefin metathesis in water using acoustic emulsification. Green Chemistry, 2008, 10, 271.	4.6	74
28	Activated pyridinium-tagged ruthenium complexes as efficient catalysts for ring-closing metathesis. Journal of Organometallic Chemistry, 2006, 691, 5397-5405.	0.8	73
29	Metathesis@MOF: Simple and Robust Immobilization of Olefin Metathesis Catalysts inside (Al)MIL-101-NH₂. ACS Catalysis, 2016, 6, 6343-6349.	5.5	71
30	Mechanistic Insights into the cisâ€“trans Isomerization of Ruthenium Complexes Relevant to Catalysis of Olefin Metathesis. Chemistry - A European Journal, 2010, 16, 14354-14364.	1.7	70
31	Synthesis of Substituted P-Stereogenic Vinylphosphine Oxides by Olefin Cross-Metathesis. Organic Letters, 2003, 5, 3217-3220.	2.4	69
32	Highly recoverable pyridinium-tagged Hoveydaâ€“Grubbs pre-catalyst for olefin metathesis. Design of the boomerang ligand toward the optimal compromise between activity and reusability. Chemical Communications, 2007, , 3771.	2.2	69
33	Initiation at Snails Pace: Design and Applications of Latent Olefin Metathesis Catalysts Featuring Chelating Alkylidene Ligands. Current Organic Chemistry, 2008, 12, 1631-1647.	0.9	68
34	An Improved Catalyst for Ring-Closing Alkyne Metathesis Based on Molybdenum Hexacarbonyl/2-Fluorophenol. Organic Letters, 2002, 4, 3747-3749.	2.4	66
35	E- and Z-Selective Transfer Semihydrogenation of Alkynes Catalyzed by Standard Ruthenium Olefin Metathesis Catalysts. Organic Letters, 2016, 18, 6196-6199.	2.4	66
36	Towards â€œcleanerâ€•olefin metathesis: tailoring the NHC ligand of second generation ruthenium catalysts to afford auxiliary traits. Green Chemistry, 2014, 16, 4474-4492.	4.6	65

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37	Ruthenium quinoline and quinoxaline complexes: Thermally triggered initiators for ring opening metathesis polymerization. Journal of Polymer Science Part A, 2007, 45, 3494-3500.	2.5	64
38	At Long Last: Olefin Metathesis Macrocyclization at High Concentration. Journal of the American Chemical Society, 2018, 140, 8895-8901.	6.6	64
39	Ruthenium Olefin Metathesis Initiators Bearing Chelating Sulfoxide Ligands. Organometallics, 2009, 28, 2693-2700.	1.1	63
40	Cross-metathesis reaction of vinyl sulfones and sulfoxides. Tetrahedron, 2003, 59, 4525-4531.	1.0	61
41	Batchwise and Continuous Nanofiltration of POSSâ€Tagged Grubbsâ€“Hoveydaâ€Type Olefin Metathesis Catalysts. ChemSusChem, 2013, 6, 182-192.	3.6	61
42	A Fine-Tuned Molybdenum Hexacarbonyl/Phenol Initiator for Alkyne Metathesis. Journal of Organic Chemistry, 2004, 69, 7748-7751.	1.7	60
43	Is the Hoveydaâ€“Grubbs Complex a Vinylogous Fischerâ€Type Carbene? Aromaticityâ€Controlled Activity of Ruthenium Metathesis Catalysts. Chemistry - A European Journal, 2008, 14, 9330-9337.	1.7	60
44	Latent Thermo-Switchable Olefin Metathesis Initiators Bearing a Pyridyl-Functionalized Chelating Carbene: Influence of the Leaving Groupâ€™s Rigidity on the Catalystâ€™s Performance. Organometallics, 2010, 29, 117-124.	1.1	60
45	Rational Design and Evaluation of Upgraded Grubbs/Hoveyda Olefin Metathesis Catalysts: Polyfunctional Benzylidene Ethers on the Test Bench. Organometallics, 2011, 30, 4144-4158.	1.1	60
46	Easily removable olefin metathesis catalysts. Green Chemistry, 2012, 14, 3264.	4.6	60
47	Highly selective cross-metathesis with phenyl vinyl sulphone using the â€˜second generationâ€™ Grubbsâ€™ catalyst. Tetrahedron Letters, 2001, 42, 6425-6428.	0.7	59
48	Tandem Catalysis Utilizing Olefin Metathesis Reactions. Chemistry - A European Journal, 2016, 22, 9440-9454.	1.7	56
49	Homo- and Cross-Olefin Metathesis Coupling of Vinylphosphane Oxides and Electron-Poor Alkenes: Access to P-Stereogenic Dienophiles. Advanced Synthesis and Catalysis, 2006, 348, 931-938.	2.1	51
50	Olefin cross-metathesis with vinyl halides. Chemical Communications, 2008, , 2468.	2.2	51
51	A simple and practical phase-separation approach to the recycling of a homogeneous metathesis catalyst. Chemical Communications, 2006, , 841.	2.2	50
52	Specialized Ruthenium Olefin Metathesis Catalysts Bearing Bulky Unsymmetrical NHC Ligands: Computations, Synthesis, and Application. ACS Catalysis, 2019, 9, 587-598.	5.5	50
53	Quest for the ideal olefin metathesis catalyst. Pure and Applied Chemistry, 2008, 80, 31-43.	0.9	49
54	Ruthenium catalysts bearing chelating carboxylate ligands: application to metathesis reactions in water. Tetrahedron, 2010, 66, 1051-1056.	1.0	45

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55	Microwaveâ€Assisted Rutheniumâ€Catalysed Olefin Metathesis in Fluorinated Aromatic Hydrocarbons: A Beneficial Combination. Advanced Synthesis and Catalysis, 2011, 353, 1993-2002.	2.1	45
56	Synthesis, Structure, and Catalytic Activity of New Ruthenium(II) Indenylidene Complexes Bearing Unsymmetrical N-Heterocyclic Carbenes. Organometallics, 2014, 33, 2160-2171.	1.1	45
57	Formation of tetrasubstituted Câ€“C double bondsviaolefin metathesis: challenges, catalysts, and applications in natural product synthesis. Organic Chemistry Frontiers, 2018, 5, 494-516.	2.3	45
58	A New Tool in the Toolbox: Electron-Withdrawing Group Activated ÂRuthenium Catalysts for Olefin Metathesis. Synlett, 2013, 24, 903-919.	1.0	44
59	Forged and fashioned for faithfulnessâ€”ruthenium olefin metathesis catalysts bearing ammonium tags. Chemical Communications, 2018, 54, 122-139.	2.2	44
60	Nitro and Other Electron Withdrawing Group Activated Ruthenium Catalysts for Olefin Metathesis Reactions. Angewandte Chemie - International Edition, 2021, 60, 13738-13756.	7.2	44
61	Expanding the Family of Hoveydaâ€“Grubbs Catalysts Containing Unsymmetrical NHC Ligands. Organometallics, 2017, 36, 3692-3708.	1.1	40
62	A Practical Larger Scale Preparation of Second-Generation Hoveyda-Type Catalysts. Organometallics, 2007, 26, 1096-1099.	1.1	39
63	Structural and Mechanistic Basis of the Fast Metathesis Initiation by a Six-Coordinated Ruthenium Catalyst. Organometallics, 2013, 32, 3625-3630.	1.1	39
64	Ruthenium Olefin Metathesis Catalysts Containing Six-Membered Sulfone and Sulfonamide Chelating Rings. Organometallics, 2011, 30, 1130-1138.	1.1	38
65	New Ruthenium(II) Indenylidene Complexes Bearing Unsymmetrical N-Heterocyclic Carbenes. Organometallics, 2012, 31, 7316-7319.	1.1	38
66	Chelating Ruthenium Phenolate Complexes: Synthesis, General Catalytic Activity, and Applications in Olefin Metathesis Polymerization. Chemistry - A European Journal, 2014, 20, 14120-14125.	1.7	38
67	Hoveydaâ€“Grubbs-Type Precatalysts with UnsymmetricalN-Heterocyclic Carbenes as Effective Catalysts in Olefin Metathesis. Organometallics, 2017, 36, 2153-2166.	1.1	38
68	A New Family of Halogenâ€Chelated Hoveydaâ€“Grubbsâ€Type Metathesis Catalysts. Chemistry - A European Journal, 2012, 18, 14237-14241.	1.7	37
69	Stable ruthenium indenylidene complexes with a sterically reduced NHC ligand. Chemical Communications, 2013, 49, 3188.	2.2	37
70	Highâ€Performance Isocyanide Scavengers for Use in Lowâ€Waste Purification of Olefin Metathesis Products. ChemSusChem, 2015, 8, 4139-4148.	3.6	37
71	2-Methyltetrahydrofuran: Sustainable solvent for ruthenium-catalyzed olefin metathesis. Catalysis Communications, 2014, 44, 80-84.	1.6	35
72	Homo- and heterogeneous Ru-based metathesis catalysts in cross-metathesis of 15-allylestroneâ€”towards 17Î²-hydroxysteroid dehydrogenase type 1 inhibitors. Tetrahedron Letters, 2008, 49, 3019-3022.	0.7	34

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73	Highly efficient and time economical purification of olefin metathesis products from metal residues using an isocyanide scavenger. Green Chemistry, 2018, 20, 1280-1289.	4.6	33
74	Helicenes as Chiralityâ€Inducing Groups in Transitionâ€Metal Catalysis: The First Helically Chiral Olefin Metathesis Catalyst. Chemistry - A European Journal, 2018, 24, 10994-10998.	1.7	32
75	The Joy and Challenge of Small Rings Metathesis. Angewandte Chemie - International Edition, 2008, 47, 5504-5507.	7.2	31
76	Metathesis of renewable raw materialsâ€”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. Green Chemistry, 2014, 16, 1579.	4.6	30
77	Synthetic and mechanistic studies on enyne metathesis: A catalyst influence. Journal of Molecular Catalysis A, 2006, 257, 59-66.	4.8	29
78	New air-stable ruthenium olefin metathesis precatalysts derived from bisphenol S. Journal of Organometallic Chemistry, 2006, 691, 5289-5297.	0.8	29
79	Nonâ€Glovebox Ethenolysis of Ethyl Oleate and FAME at Larger Scale Utilizing a Cyclic (Alkyl)(Amino)Carbene Ruthenium Catalyst. European Journal of Lipid Science and Technology, 2020, 122, 1900263.	1.0	29
80	Catalysts for new tasks: preparation and applications of tunable ruthenium catalysts for olefin metathesis. Chemical Record, 2006, 6, 144-156.	2.9	28
81	Effective immobilisation of a metathesis catalyst bearing an ammonium-tagged NHC ligand on various solid supports. Beilstein Journal of Organic Chemistry, 2016, 12, 5-15.	1.3	28
82	Ethyl Lactate: A Green Solvent for Olefin Metathesis. ChemSusChem, 2019, 12, 4655-4661.	3.6	28
83	Convenient preparation of metals deposited on solid supports and their use in organic synthesis. Tetrahedron, 1998, 54, 10827-10836.	1.0	27
84	Rutheniumâ€“Amido Complexes: Synthesis, Structure, and Catalytic Activity in Olefin Metathesis. Chemistry - A European Journal, 2012, 18, 6465-6469.	1.7	27
85	Ruthenium nitronate complexes as tunable catalysts for olefin metathesis and other transformations. Chemical Communications, 2013, 49, 674-676.	2.2	27
86	Low Catalyst Loadings in Selfâ€Metathesis of 1â€Dodecene. Advanced Synthesis and Catalysis, 2013, 355, 1997-2006.	2.1	27
87	In tandem or alone: a remarkably selective transfer hydrogenation of alkenes catalyzed by ruthenium olefin metathesis catalysts. Organic and Biomolecular Chemistry, 2015, 13, 2684-2688.	1.5	27
88	Looking for the Noncyclic(amino)(alkyl)carbene Ruthenium Catalyst for Ethenolysis of Ethyl Oleate: Selectivity Is on Target. ACS Omega, 2018, 3, 18481-18488.	1.6	27
89	Preparation of Muskâ€Smelling Macrocyclic Lactones from Biomass: Looking for the Optimal Substrate Combination. ChemSusChem, 2018, 11, 3157-3166.	3.6	27
90	Synthesis of Macrocyclic Carbonates with Musk Odor by Ring-Closing Olefin Metathesis. European Journal of Organic Chemistry, 2004, 2004, 2053-2056.	1.2	26

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91	Highly Active Ammonium-Tagged Olefin-Metathesis Catalyst for Simplified Purification. Synlett, 2008, 2008, 2692-2696.	1.0	26
92	3-Bromopyridine As a Sixth Ligand in Sulfoxide-Based Hoveyda Complexes: A Study on Catalytic Properties. Organometallics, 2013, 32, 2192-2198.	1.1	26
93	Ruthenium Complexes Bearing Thiopheneâ€Based Unsymmetrical Nâ€Heterocyclic Carbene Ligands as Selective Catalysts for Olefin Metathesis in Toluene and Environmentally Friendly 2â€Methyltetrahydrofuran. Chemistry - A European Journal, 2018, 24, 15372-15379.	1.7	26
94	Solvent-Dependent Resonance Raman Spectra of High-Valent Oxomolybdenum(V) Tris[3,5-bis(trifluoromethyl)phenyl]corrolate. Inorganic Chemistry, 2007, 46, 5616-5624.	1.9	25
95	Olefin Metathesis on a TLC Plate as a Tool for a Highâ€Throughput Screening of Catalystâ€Substrate Sets. Advanced Synthesis and Catalysis, 2012, 354, 1043-1051.	2.1	25
96	Ruthenium-based complexes containing a benzimidazolium tag covalently connected to N-heterocyclic carbene ligands: environmentally friendly catalysts for olefin metathesis transformations. Dalton Transactions, 2013, 42, 7354.	1.6	25
97	Variation of the Sterical Properties of the N-Heterocyclic Carbene Coligand in Thermally Triggerable Ruthenium-Based Olefin Metathesis Precatalysts/Initiators. Organometallics, 2015, 34, 5383-5392.	1.1	25
98	Rational and Then Serendipitous Formation of Aza Analogues of Hoveyda-Type Catalysts Containing a Chelating Ester Group Leading to a Polymerization Catalyst Family. ACS Catalysis, 2017, 7, 4115-4121.	5.5	24
99	A Selective and Functional Group-Tolerant Ruthenium-Catalyzed Olefin Metathesis/Transfer Hydrogenation Tandem Sequence Using Formic Acid as Hydrogen Source. Journal of Organic Chemistry, 2018, 83, 2542-2553.	1.7	24
100	Ruthenium metathesis catalyst bearing chelating carboxylate ligand immobilized on mesoporous molecular sieve SBA-15. Catalysis Communications, 2012, 21, 42-45.	1.6	23
101	Synthesis of functionalised N-heterocyclic carbene ligands bearing a long spacer and their use in olefin metathesis. Dalton Transactions, 2013, 42, 7463.	1.6	23
102	Conformational Flexibility of Hoveyda-Type and Grubbs-Type Complexes Bearing Acyclic Carbenes and Its Impact on Their Catalytic Properties. Organometallics, 2015, 34, 563-570.	1.1	23
103	Simple and Mild Synthesis of Indoles via Hydroamination Reaction Catalysed by NHCâ€“Gold Complexes: Looking for Optimized Conditions. Synlett, 2016, 27, 599-603.	1.0	23
104	Noncovalent Immobilization of Cationic Ruthenium Complex in a Metalâ€“Organic Framework by Ion Exchange Leading to a Heterogeneous Olefin Metathesis Catalyst for Use in Green Solvents. Organometallics, 2019, 38, 3397-3405.	1.1	23
105	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. Chemical Science, 2020, 11, 4251-4262.	3.7	23
106	Unequal siblings: Adverse characteristics of naphtaleneâ€based hoveydaâ€type second generation initiators in ring opening metathesis polymerization. Journal of Polymer Science Part A, 2011, 49, 3448-3454.	2.5	22
107	Thermal Switchability of N-Chelating Hoveyda-type Catalyst Containing a Secondary Amine Ligand. Organometallics, 2012, 31, 462-469.	1.1	22
108	Semiheterogeneous Purification Protocol for the Removal of Ruthenium Impurities from Olefin Metathesis Reaction Products Using an Isocyanide Scavenger. Organic Process Research and Development, 2019, 23, 836-844.	1.3	22

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109	A Highly Selective Synthesis of Dialkenyl Sulfones via Cross-Metathesis of Divinyl Sulfone. Organic Letters, 2006, 8, 5689-5692.	2.4	21
110	Fishing for the right catalyst for the cross-metathesis reaction of methyl oleate with 2-methyl-2-butene. Catalysis Science and Technology, 2017, 7, 1284-1296.	2.1	21
111	Ruthenium Catalysts Supported by Aminoâ€Substituted Nâ€Heterocyclic Carbene Ligands for Olefin Metathesis of Challenging Substrates. Chemistry - A European Journal, 2017, 23, 1950-1955.	1.7	21
112	Synthesis of Selectively Substituted or Deuterated Indenes via Sequential Pd and Ru Catalysis. Journal of Organic Chemistry, 2017, 82, 4226-4234.	1.7	21
113	Sequential Alkene Isomerization and Ringâ€Closing Metathesis in Production of Macrocyclic Musks from Biomass. Chemistry - A European Journal, 2018, 24, 10403-10408.	1.7	19
114	Xâ€Ray Photoelectron Spectroscopy and Reactivity Studies of a Series of Ruthenium Catalysts. ChemCatChem, 2009, 1, 144-151.	1.8	18
115	Sulfoxideâ€Chelated Ruthenium Benzylidene Catalyst: a Synthetic Study on the Utility of Olefin Metathesis. ChemCatChem, 2016, 8, 2817-2823.	1.8	18
116	Ruthenium-Catalysed Olefin Metathesis in Environmentally Friendly Solvents: 2-Methyltetrahydrofuran Revisited. European Journal of Organic Chemistry, 2019, 2019, 640-646.	1.2	18
117	Ruthenium Complexes Featuring Unsymmetrical Nâ€Heterocyclic Carbene Ligandsâ€“Useful Olefin Metathesis Catalysts for Special Tasks. Chemical Record, 2021, 21, 3648-3661.	2.9	18
118	Hoveydaâ€“Grubbs catalyst analogues bearing the derivatives of N-phenylpyrrol in the carbene ligand â€“ structure, stability, activity and unique rutheniumâ€“phenyl interactions. Dalton Transactions, 2017, 46, 11790-11799.	1.6	17
119	Sterically Tuned N-Heterocyclic Carbene Ligands for the Efficient Formation of Hindered Products in Ru-Catalyzed Olefin Metathesis. ACS Catalysis, 2020, 10, 11394-11404.	5.5	17
120	Catalytic and Structural Studies of Hoveydaâ€“Grubbs Type Preâ€Catalysts Bearing Modified Ether Ligands. Advanced Synthesis and Catalysis, 2012, 354, 2734-2742.	2.1	16
121	Testing New Ruthenium Complexes bearing Chiral 1,2,4-Triazol-5-ylidene ÂLigands as Catalysts for Asymmetric Olefin Metathesis. Synlett, 2013, 24, 1250-1254.	1.0	16
122	Mild Functionalization of Tetraoxane Derivatives via Olefin Metathesis: Compatibility of Ruthenium Alkylidene Catalysts with Peroxides. Organic Letters, 2017, 19, 520-523.	2.4	16
123	Azoliniums, Adducts, NHCs and Azomethine Ylides: Divergence in Wanzlick Equilibrium and Olefin Metathesis Catalyst Formation. Chemistry - A European Journal, 2018, 24, 4785-4789.	1.7	16
124	Olefin Metathesis Under Continuous Flow Mode. Current Organic Chemistry, 2013, 17, 2740-2748.	0.9	16
125	The simple synthesis of stable A 3 - and trans -A 2 B-molybdenum(V) corrolates. Inorganic Chemistry Communication, 2004, 7, 871-875.	1.8	15
126	Force Field Parametrization and Molecular Dynamics Simulation of Flexible POSS-Linked (NHC;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.1	15

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127	Nitrenium ions and trivalent boron ligands as analogues of N-heterocyclic carbenes in olefin metathesis: a computational study. Dalton Transactions, 2015, 44, 20021-20026.	1.6	15
128	Synthesis and catalytic activity of ruthenium indenylidene complexes bearing unsymmetrical NHC containing a heteroaromatic moiety. RSC Advances, 2016, 6, 77013-77019.	1.7	15
129	Gold(I)-Catalyzed Formation of Naphthalene/Acenaphthene Heterocyclic Acetals. Organic Letters, 2018, 20, 954-957.	2.4	15
130	Ligand-free (Z)-selective transfer semihydrogenation of alkynes catalyzed by in situ generated oxidizable copper nanoparticles. Green Chemistry, 2021, 23, 5494-5502.	4.6	15
131	Nitrogen NMR shieldings of nitroalkanes as a structural and conformational probe. Magnetic Resonance in Chemistry, 1998, 36, S85-S92.	1.1	14
132	Synthesis of Stable Ruthenium Olefin Metathesis Catalysts with Mixed Anionic Ligands. European Journal of Inorganic Chemistry, 2012, 2012, 1477-1484.	1.0	14
133	A Gentler Touch: Synthesis of Modern Ruthenium Olefin Metathesis Catalysts Sustained by Mechanical Force. ChemCatChem, 2019, 11, 5362-5369.	1.8	14
134	Preparation of macrocyclic musks via olefin metathesis: comparison with classical syntheses and recent advances. Russian Chemical Reviews, 2020, 89, 469-490.	2.5	14
135	Ruthenium Amide Complexes - Synthesis and Catalytic Activity in Olefin Metathesis and in Ring-Opening Polymerisation. European Journal of Inorganic Chemistry, 2018, 2018, 1766-1774.	1.0	13
136	Wellâ€Defined Chiral Copper NHC Complex in the Asymmetric Conjugated Î²â€Borylation and Oneâ€Pot Metathesisâ€Asymmetric Î²â€Borylation Reactions. Chemistry - A European Journal, 2018, 24, 891-897.	1.7	13
137	In a Quest for Selectivity Paired with Activity: A Ruthenium Olefin Metathesis Catalyst Bearing an Unsymmetrical Phenanthreneâ€Based Nâ€Heterocyclic Carbene. Chemistry - A European Journal, 2020, 26, 3782-3794.	1.7	13
138	Olefin Metathesis in Continuous Flow Reactor Employing Polar Ruthenium Catalyst and Soluble Metal Scavenger for Instant Purification of Products of Pharmaceutical Interest. ACS Sustainable Chemistry and Engineering, 2021, 9, 16450-16458.	3.2	13
139	Active metals prepared in liquid ammonia. Zinc and tin-promoted synthesis of Î²-hydroxyesters, homoallylic and homopropargylic alcohols. Tetrahedron, 1996, 52, 9575-9580.	1.0	12
140	Onium-tagged Ru complexes as universal catalysts for olefin metathesis reactions in various media. Pure and Applied Chemistry, 2009, 81, 2001-2012.	0.9	12
141	Enhancement of ruthenium-catalyzed olefin metathesis reactions: Searching for new catalyst or new reaction conditions?. Pure and Applied Chemistry, 2011, 83, 553-563.	0.9	12
142	5.26 Cross Metathesis. , 2014, , 1257-1301.		12
143	Hoveyda-Grubbs complexes with boryl anions are predicted to be fast metathesis catalysts. Catalysis Communications, 2016, 86, 133-138.	1.6	12
144	Ruthenium Olefin Metathesis Catalysts Systematically Modified in Chelating Benzylidene Ether Fragment: Experiment and Computations. European Journal of Inorganic Chemistry, 2018, 2018, 3675-3685.	1.0	12

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145	Synthesis of Substituted Î²â€Functionalised Styrenes by Microwaveâ€Assisted Olefin Crossâ€Metathesis and Scalable Synthesis of Apremilast. ChemCatChem, 2019, 11, 5808-5813.	1.8	12
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