

# Anna Kajetanowicz

## List of Publications by Year in descending order

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60  
papers

856  
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566801

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580395

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62  
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docs citations

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times ranked

797  
citing authors

#	ARTICLE	IF	CITATIONS
1	At Long Last: Olefin Metathesis Macrocyclization at High Concentration. <i>Journal of the American Chemical Society</i> , 2018, 140, 8895-8901.	6.6	64
2	Batchwise and Continuous Nanofiltration of POSS-Tagged Grubbs-Hoveyda-Type Olefin Metathesis Catalysts. <i>ChemSusChem</i> , 2013, 6, 182-192.	3.6	61
3	Specialized Ruthenium Olefin Metathesis Catalysts Bearing Bulky Unsymmetrical NHC Ligands: Computations, Synthesis, and Application. <i>ACS Catalysis</i> , 2019, 9, 587-598.	5.5	50
4	Carbonic anhydrase II as host protein for the creation of a biocompatible artificial metathesase. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5652-5655.	1.5	47
5	Nitro and Other Electron Withdrawing Group Activated Ruthenium Catalysts for Olefin Metathesis Reactions. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13738-13756.	7.2	44
6	Hoveyda-Grubbs-Type Precatalysts with Unsymmetrical N-Heterocyclic Carbenes as Effective Catalysts in Olefin Metathesis. <i>Organometallics</i> , 2017, 36, 2153-2166.	1.1	38
7	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.	4.6	30
8	Biotinylated Metathesis Catalysts: Synthesis and Performance in Ring Closing Metathesis. <i>Catalysis Letters</i> , 2014, 144, 373-379.	1.4	29
9	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.	1.0	29
10	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.	1.6	27
11	Preparation of Musk-Smelling Macrocyclic Lactones from Biomass: Looking for the Optimal Substrate Combination. <i>ChemSusChem</i> , 2018, 11, 3157-3166.	3.6	27
12	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.	1.7	26
13	Noncovalent Immobilization of Cationic Ruthenium Complex in a Metal-Organic Framework by Ion Exchange Leading to a Heterogeneous Olefin Metathesis Catalyst for Use in Green Solvents. <i>Organometallics</i> , 2019, 38, 3397-3405.	1.1	23
14	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.	2.1	21
15	Ruthenium-Catalysed Olefin Metathesis in Environmentally Friendly Solvents: 2-Methyltetrahydrofuran Revisited. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 640-646.	1.2	18
16	Ruthenium Complexes Featuring Unsymmetrical N-Heterocyclic Carbene Ligands—Useful Olefin Metathesis Catalysts for Special Tasks. <i>Chemical Record</i> , 2021, 21, 3648-3661.	2.9	18
17	Sterically Tuned N-Heterocyclic Carbene Ligands for the Efficient Formation of Hindered Products in Ru-Catalyzed Olefin Metathesis. <i>ACS Catalysis</i> , 2020, 10, 11394-11404.	5.5	17
18	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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19	A Gentler Touch: Synthesis of Modern Ruthenium Olefin Metathesis Catalysts Sustained by Mechanical Force. <i>ChemCatChem</i> , 2019, 11, 5362-5369.	1.8	14
20	Preparation of macrocyclic musks via olefin metathesis: comparison with classical syntheses and recent advances. <i>Russian Chemical Reviews</i> , 2020, 89, 469-490.	2.5	14
21	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.	1.0	13
22	Olefin Metathesis in Continuous Flow Reactor Employing Polar Ruthenium Catalyst and Soluble Metal Scavenger for Instant Purification of Products of Pharmaceutical Interest. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16450-16458.	3.2	13
23	Ruthenium Olefin Metathesis Catalysts Systematically Modified in Chelating Benzylidene Ether Fragment: Experiment and Computations. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3675-3685.	1.0	12
24	Synthesis of Substituted $\beta$ -Functionalised Styrenes by Microwave-Assisted Olefin Cross-Metathesis and Scalable Synthesis of Apremilast. <i>ChemCatChem</i> , 2019, 11, 5808-5813.	1.8	12
25	2-Methyltetrahydrofuran as a Solvent of Choice for Spontaneous Metathesis/Isomerization Sequence. <i>ACS Omega</i> , 2019, 4, 1831-1837.	1.6	12
26	4-Methyltetrahydropyran as a Convenient Alternative Solvent for Olefin Metathesis Reaction: Model Studies and Medicinal Chemistry Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18215-18223.	3.2	12
27	Hoveyda-Type Quinone-Containing Complexes as Catalysts to Prevent Migration of the Double Bond under Metathesis Conditions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 626-638.	1.2	11
28	Recycling waste plastics packaging to value-added products by two-step microwave cracking with different heating strategies. <i>Fuel Processing Technology</i> , 2020, 201, 106346.	3.7	10
29	Preparation of Ruthenium Olefin Metathesis Catalysts Immobilized on MOF, SBA-15, and 13X for Probing Heterogeneous Boomerang Effect. <i>Catalysts</i> , 2020, 10, 438.	1.6	10
30	Activated Hoveyda-Grubbs Olefin Metathesis Catalysts Derived from a Large Scale Produced Pharmaceutical Intermediate as Sildenafil Aldehyde. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4590-4604.	2.1	10
31	Synthesis of substituted tetrahydrofurans via intermolecular reactions of $\beta$ -chlorocarbanions of 3-substituted 3-chloro-propylphenyl sulfones with aldehydes. <i>Tetrahedron</i> , 2010, 66, 3378-3385.	1.0	9
32	Large-Scale Synthesis of a Niche Olefin Metathesis Catalyst Bearing an Unsymmetrical N-Heterocyclic Carbene (NHC) Ligand and its Application in a Green Pharmaceutical Context. <i>Chemistry - A European Journal</i> , 2020, 26, 15708-15717.	1.7	9
33	Copper(I)-Mediated 1,2-Metallate Rearrangements of 1-Metallated Glycols. <i>Synthesis</i> , 2012, 44, 946-952.	1.2	8
34	The Influence of Various N-Heterocyclic Carbene Ligands on Activity of Nitro-Activated Olefin Metathesis Catalysts. <i>Molecules</i> , 2020, 25, 2282.	1.7	7
35	Specialized Olefin Metathesis Catalysts Featuring Unsymmetrical N-Heterocyclic Carbene Ligands Bearing N-(Fluoren-9-yl) Arm. <i>Catalysts</i> , 2020, 10, 599.	1.6	7
36	Making the family portrait complete: Synthesis of Electron Withdrawing Group activated Hoveyda-Grubbs catalysts bearing sulfone and ketone functionalities. <i>Journal of Organometallic Chemistry</i> , 2020, 918, 121276.	0.8	7

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37	Synthesis and Catalytic Properties of a Very Latent Selenium-Chelated Ruthenium Benzylidene Olefin Metathesis Catalyst. <i>Organometallics</i> , 2021, 40, 3608-3616.	1.1	7
38	Ruthenium Olefin Metathesis Catalysts Bearing a Macrocyclic N-Heterocyclic Carbene Ligand: Improved Stability and Activity. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	7
39	Halogens in $\beta$ -position enhance the acidity of alkyl aryl sulfones and alkane nitriles. <i>Tetrahedron</i> , 2007, 63, 8902-8909.	1.0	6
40	Anion Metathesis in Facile Preparation of Olefin Metathesis Catalysts Bearing a Quaternary Ammonium Chloride Tag. <i>Synlett</i> , 2019, 30, 1981-1987.	1.0	6
41	A Synthesis of 1-Lithiated Glycols and 1-Tributylstannyl Glycols from 1-Phenylsulfinyl Glycols via Sulfoxide-Lithium Ligand Exchange. <i>Synthesis</i> , 2008, 2008, 2747-2763.	1.2	5
42	An unexpected formation of a Ru(III) benzylidene complex during activation of a LatMet-type ring-opening polymerisation catalyst. <i>Journal of Catalysis</i> , 2018, 364, 345-353.	3.1	5
43	Reactions of Carbanions of 1-Chloro-(phenylsulfonyl)pentenes: Synthesis of Vinyl-Substituted Tetrahydrofurans. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3732-3740.	1.2	4
44	$\beta$ -Diphenylphosphinoxy Carbanions: Slow Reacting Analogues of $\beta$ -Halocarbanions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 857-864.	0.8	4
45	Intramolecular Addition of $\beta$ -Chloro Carbanions to Electrophilic Groups: Synthesis of Tricyclic Tetrahydrofurans, Pyrrolidines, and Cyclopentanes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1885-1894.	1.2	4
46	Unexpected formation of nitroso-chelated cyclic $\beta$ -acylruthenium(II) complex, an effective catalysts for transfer hydrogenation reaction. <i>Journal of Organometallic Chemistry</i> , 2018, 867, 359-366.	0.8	4
47	Aminomethylpyridinequinones as new ligands for PEPPSI-type complexes. <i>Arkivoc</i> , 2021, 2021, 138-156.	0.3	4
48	2-Cyanomethylbenzaldehyde – useful substrate for preparation of some 1,3-di- and 1,2,3-trisubstituted naphthalenes or substituted 1-cyanobenzobicyclo[2.2.2]octenes. <i>Arkivoc</i> , 2009, 2009, 98-110.	0.3	4
49	Preparation of Functionalized $\beta$ , $\beta$ -Unsaturated Sulfonamides via Olefin Cross-Metathesis. <i>Organic Letters</i> , 2020, 22, 4970-4973.	2.4	3
50	Ruthenium Olefin Metathesis Catalysts Featuring N-Heterocyclic Carbene Ligands Tagged with Isonicotinic and 4-(Dimethylamino)benzoic Acid Rests: Evaluation of a Modular Synthetic Strategy. <i>Molecules</i> , 2021, 26, 5220.	1.7	3
51	Ruthenium Complex Bearing a Hydroxy Group Functionalised N-Heterocyclic Carbene Ligand – A Universal Platform for Synthesis of Tagged and Immobilised Catalysts for Olefin Metathesis. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 6424.	1.2	3
52	Progress in metathesis chemistry. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2765-2766.	1.3	2
53	Durch Nitro- und andere elektronenziehende Gruppen aktivierte Ruthenium-Katalysatoren für die Olefinmetathese. <i>Angewandte Chemie</i> , 2020, 133, 13854.	1.6	2
54	Improved preparation of an olefin metathesis catalyst bearing quaternary ammonium tag (FixCat) and its use in ethenolysis and macrocyclization reactions after immobilization on metal-organic framework (MOF). <i>Arkivoc</i> , 2021, 2021, 73-84.	0.3	2

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55	Testing diverse strategies for ruthenium catalyst removal after aqueous homogeneous olefin metathesis. <i>Journal of Organometallic Chemistry</i> , 2022, 965-966, 122320.	0.8	2
56	Testing enabling techniques for olefin metathesis reactions of lipophilic substrates in water as a diluent. <i>IScience</i> , 2022, 25, 104131.	1.9	1
57	Tandem Olefin Metathesis/±-Ketohydroxylation Revisited. <i>Catalysts</i> , 2021, 11, 719.	1.6	0
58	An Anionic, Chelating C(sp <sup>3</sup> )/NHC ligand from the Combination of an N-heterobicyclic Carbene and Barbituric Heterocycle. <i>Organometallics</i> , 2021, 40, 3223-3234.	1.1	0
59	Ruthenium Olefin Metathesis Catalysts Bearing Macrocyclic Nâ€Heterocyclic Carbene Ligand: Improved Stability and Activity. <i>Angewandte Chemie</i> , 0, , .	1.6	0
60	Ruthenium olefin metathesis catalysts bearing two bulky and unsymmetrical NHC ligands. <i>Applied Organometallic Chemistry</i> , 0, , .	1.7	0