

# Anna Kajetanowicz

## List of Publications by Citations

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57  
papers

585  
citations

14  
h-index

21  
g-index

62  
ext. papers

754  
ext. citations

4.9  
avg, IF

4.46  
L-index

#	Paper	IF	Citations
57	Batchwise and continuous nanofiltration of POSS-tagged Grubbs-Hoveyda-type olefin metathesis catalysts. <i>ChemSusChem</i> , <b>2013</b> , 6, 182-92	8.3	53
56	At Long Last: Olefin Metathesis Macrocyclization at High Concentration. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 8895-8901	16.4	45
55	Carbonic anhydrase II as host protein for the creation of a biocompatible artificial metathesase. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 5652-5	3.9	38
54	Specialized Ruthenium Olefin Metathesis Catalysts Bearing Bulky Unsymmetrical NHC Ligands: Computations, Synthesis, and Application. <i>ACS Catalysis</i> , <b>2019</b> , 9, 587-598	13.1	30
53	Hoveyda-Grubbs-Type Precatalysts with Unsymmetrical N-Heterocyclic Carbenes as Effective Catalysts in Olefin Metathesis. <i>Organometallics</i> , <b>2017</b> , 36, 2153-2166	3.8	29
52	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> , <b>2014</b> , 16, 1579	10	27
51	Biotinylated Metathesis Catalysts: Synthesis and Performance in Ring Closing Metathesis. <i>Catalysis Letters</i> , <b>2014</b> , 144, 373-379	2.8	25
50	Looking for the Noncyclic(amino)(alkyl)carbene Ruthenium Catalyst for Ethenolysis of Ethyl Oleate: Selectivity Is on Target. <i>ACS Omega</i> , <b>2018</b> , 3, 18481-18488	3.9	21
49	Nitro and Other Electron Withdrawing Group Activated Ruthenium Catalysts for Olefin Metathesis Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 13738-13756	16.4	20
48	Fishing for the right catalyst for the cross-metathesis reaction of methyl oleate with 2-methyl-2-butene. <i>Catalysis Science and Technology</i> , <b>2017</b> , 7, 1284-1296	5.5	19
47	Preparation of Musk-Smelling Macrocyclic Lactones from Biomass: Looking for the Optimal Substrate Combination. <i>ChemSusChem</i> , <b>2018</b> , 11, 3157-3166	8.3	19
46	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> , <b>2020</b> , 122, 1900263	3	19
45	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> , <b>2018</b> , 24, 15372-15379	4.8	19
44	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> , <b>2019</b> , 38, 3397-3405	3.8	16
43	Ruthenium Amide Complexes: Synthesis and Catalytic Activity in Olefin Metathesis and in Ring-Opening Polymerisation. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1766-1774	2.3	13
42	Ruthenium-Catalysed Olefin Metathesis in Environmentally Friendly Solvents: 2-Methyltetrahydrofuran Revisited. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 640-646	3.2	13
41	Force field parametrization and molecular dynamics simulation of flexible POSS-linked (NHC; phosphine) Ru catalytic complexes. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 12017-24	2.8	12

40	A Gentler Touch: Synthesis of Modern Ruthenium Olefin Metathesis Catalysts Sustained by Mechanical Force. <i>ChemCatChem</i> , <b>2019</b> , 11, 5362-5369	5.2	11
39	Hoveyda-Type Quinone-Containing Complexes as Catalysts to Prevent Migration of the Double Bond under Metathesis Conditions. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 626-638	3.2	9
38	Synthesis of Substituted $\beta$ -Functionalised Styrenes by Microwave-Assisted Olefin Cross-Metathesis and Scalable Synthesis of Apremilast. <i>ChemCatChem</i> , <b>2019</b> , 11, 5808-5813	5.2	9
37	2-Methyltetrahydrofuran as a Solvent of Choice for Spontaneous Metathesis/Isomerization Sequence. <i>ACS Omega</i> , <b>2019</b> , 4, 1831-1837	3.9	8
36	Ruthenium Olefin Metathesis Catalysts Systematically Modified in Chelating Benzylidene Ether Fragment: Experiment and Computations. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 3675-3685	2.3	8
35	Preparation of macrocyclic musks via olefin metathesis: comparison with classical syntheses and recent advances. <i>Russian Chemical Reviews</i> , <b>2020</b> , 89, 469-490	6.8	7
34	Recycling waste plastics packaging to value-added products by two-step microwave cracking with different heating strategies. <i>Fuel Processing Technology</i> , <b>2020</b> , 201, 106346	7.2	7
33	Copper(I)-Mediated 1,2-Metallate Rearrangements of 1-Metallated Glycols. <i>Synthesis</i> , <b>2012</b> , 44, 946-952	2.9	7
32	Preparation of Ruthenium Olefin Metathesis Catalysts Immobilized on MOF, SBA-15, and 13X for Probing Heterogeneous Boomerang Effect. <i>Catalysts</i> , <b>2020</b> , 10, 438	4	6
31	Synthesis of substituted tetrahydrofurans via intermolecular reactions of $\beta$ -chlorocarbanions of 3-substituted 3-chloro-propylphenyl sulfones with aldehydes. <i>Tetrahedron</i> , <b>2010</b> , 66, 3378-3385	2.4	6
30	4-Methyltetrahydropyran as a Convenient Alternative Solvent for Olefin Metathesis Reaction: Model Studies and Medicinal Chemistry Applications. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 18215-18223	8.3	6
29	Sterically Tuned $\beta$ -Heterocyclic Carbene Ligands for the Efficient Formation of Hindered Products in Ru-Catalyzed Olefin Metathesis. <i>ACS Catalysis</i> , <b>2020</b> , 10, 11394-11404	13.1	6
28	Anion Metathesis in Facile Preparation of Olefin Metathesis Catalysts Bearing a Quaternary Ammonium Chloride Tag. <i>Synlett</i> , <b>2019</b> , 30, 1981-1987	2.2	5
27	The Influence of Various $\beta$ -Heterocyclic Carbene Ligands on Activity of Nitro-Activated Olefin Metathesis Catalysts. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
26	Halogens in $\beta$ -position enhance the acidity of alkyl aryl sulfones and alkane nitriles. <i>Tetrahedron</i> , <b>2007</b> , 63, 8902-8909	2.4	5
25	Ruthenium Complexes Featuring Unsymmetrical N-Heterocyclic Carbene Ligands-Useful Olefin Metathesis Catalysts for Special Tasks. <i>Chemical Record</i> , <b>2021</b> ,	6.6	5
24	Unexpected formation of nitroso-chelated cyclic $\eta^5$ -acylruthenium(II) complex, an effective catalysts for transfer hydrogenation reaction. <i>Journal of Organometallic Chemistry</i> , <b>2018</b> , 867, 359-366	2.3	4
23	An unexpected formation of a Ru(III) benzylidene complex during activation of a LatMet-type ring-opening polymerisation catalyst. <i>Journal of Catalysis</i> , <b>2018</b> , 364, 345-353	7.3	4

22	Di-phenylphosphinoxy Carbanions: Slow Reacting Analogues of $\beta$ -Halocarbanions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2009</b> , 184, 857-864	1	4
21	Intramolecular Addition of $\beta$ -Chloro Carbanions to Electrophilic Groups: Synthesis of Tricyclic Tetrahydrofurans, Pyrrolidines, and Cyclopentanes. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 1885-1894	3.2	4
20	A Synthesis of 1-Lithiated Glycols and 1-Tributylstannyl Glycols from 1-Phenylsulfinyl Glycols via Sulfoxide-Lithium Ligand Exchange. <i>Synthesis</i> , <b>2008</b> , 2008, 2747-2763	2.9	4
19	2-Cyanomethylbenzaldehyde $\beta$ -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> , <b>2009</b> , 2009, 98-110	0.9	4
18	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> , <b>2020</b> , 26, 15708-15717	4.8	4
17	Reactions of Carbanions of 1-Chloro-5-(phenylsulfonyl)pent-2-enes: Synthesis of Vinyl-Substituted Tetrahydrofurans. <i>European Journal of Organic Chemistry</i> , <b>2009</b> , 2009, 3732-3740	3.2	3
16	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> , <b>2020</b> , 918, 121276	2.3	3
15	Aminomethylpyridinequinones as new ligands for PEPPSI-type complexes. <i>Arkivoc</i> , <b>2021</b> , 2021, 138-156	0.9	3
14	Activated Hoveyda-Grubbs Olefin Metathesis Catalysts Derived from a Large Scale Produced Pharmaceutical Intermediate $\beta$ -Sildenafil Aldehyde. <i>Advanced Synthesis and Catalysis</i> , <b>2021</b> , 363, 4590	5.6	3
13	Preparation of Functionalized $\beta$ -Unsaturated Sulfonamides via Olefin Cross-Metathesis. <i>Organic Letters</i> , <b>2020</b> , 22, 4970-4973	6.2	2
12	Specialized Olefin Metathesis Catalysts Featuring Unsymmetrical N-Heterocyclic Carbene Ligands Bearing N-(Fluoren-9-yl) Arm. <i>Catalysts</i> , <b>2020</b> , 10, 599	4	2
11	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> , <b>2021</b> , 26,	4.8	2
10	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> , <b>2021</b> , 9, 16450-16458	8.3	2
9	Olefin Metathesis in Fluorous Phases and in Fluorinated Aromatic Solvents <b>2014</b> , 537-545		1
8	Synthesis and Catalytic Properties of a Very Latent Selenium-Chelated Ruthenium Benzylidene Olefin Metathesis Catalyst. <i>Organometallics</i> , <b>2021</b> , 40, 3608-3616	3.8	1
7	Alkene Cross-Metathesis Reactions 1-1189		1
6	Testing diverse strategies for ruthenium catalyst removal after aqueous homogeneous olefin metathesis. <i>Journal of Organometallic Chemistry</i> , <b>2022</b> , 965-966, 122320	2.3	1
5	Ruthenium Complex Bearing a Hydroxy Group Functionalised N-Heterocyclic Carbene Ligand $\beta$ -A Universal Platform for Synthesis of Tagged and Immobilised Catalysts for Olefin Metathesis. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 6424	3.2	0

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| 4 | Durch Nitro- und andere elektronenziehende Gruppen aktivierte Ruthenium-Katalysatoren für die Olefinmetathese. <i>Angewandte Chemie</i> , <b>2020</b> , 133, 13854                        | 3.6 | o |
| 3 | Testing enabling techniques for olefin metathesis reactions of lipophilic substrates in water as a diluent.. <i>IScience</i> , <b>2022</b> , 25, 104131                                   | 6.1 | o |
| 2 | Tandem Olefin Metathesis/Ketohydroxylation Revisited. <i>Catalysts</i> , <b>2021</b> , 11, 719  | 4   |   |
| 1 | An Anionic, Chelating C(sp <sup>3</sup> )/NHC ligand from the Combination of an N-heterobicyclic Carbene and Barbituric Heterocycle. <i>Organometallics</i> , <b>2021</b> , 40, 3223-3234 | 3.8 |   |