

Jan-E Bckvall

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

404
papers

20,692
citations

72
h-index

120
g-index

419
ext. papers

22,395
ext. citations

7.6
avg, IF

7.27
L-index

#	Paper	IF	Citations
404	Efficient Heterogeneous Copper-Catalyzed Alder-Ene Reaction of Allenynamides to Pyrrolines.. <i>ACS Catalysis</i> , 2022 , 12, 1791-1796	13.1	0
403	Iron-catalyzed cross-couplings of propargylic substrates with Grignard reagents. <i>Journal of Organometallic Chemistry</i> , 2022 , 964, 122304	2.3	0
402	Metal-catalyzed biomimetic aerobic oxidation of organic substrates. <i>Advances in Catalysis</i> , 2021 , 69, 1-572.4	2.4	1
401	Efficient Aerobic Oxidation of Organic Molecules by Multistep Electron Transfer. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15686-15704	16.4	10
400	Efficient Aerobic Oxidation of Organic Molecules by Multistep Electron Transfer. <i>Angewandte Chemie</i> , 2021 , 133, 15818-15836	3.6	2
399	Recent Advances in Enantioselective Pd-Catalyzed Allylic Substitution: From Design to Applications. <i>Chemical Reviews</i> , 2021 , 121, 4373-4505	68.1	78
398	Efficient Heterogeneous Palladium Catalysts in Oxidative Cascade Reactions. <i>Accounts of Chemical Research</i> , 2021 , 54, 2275-2286	24.3	11
397	Iron(II)-Catalyzed Aerobic Biomimetic Oxidation of Amines using a Hybrid Hydroquinone/Cobalt Catalyst as Electron Transfer Mediator. <i>Angewandte Chemie</i> , 2021 , 133, 11925-11929	3.6	1
396	Iron(II)-Catalyzed Aerobic Biomimetic Oxidation of Amines using a Hybrid Hydroquinone/Cobalt Catalyst as Electron Transfer Mediator. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11819-11823	16.4	3
395	Aerobic Heterogeneous Palladium-Catalyzed Oxidative Allenic C-H Arylation: Benzoquinone as a Direct Redox Mediator between O ₂ and Pd. <i>CCS Chemistry</i> , 2021 , 3, 1127-1137	7.2	1
394	Amino-Supported Palladium Catalyst for Chemo- and Stereoselective Domino Reactions. <i>Angewandte Chemie</i> , 2021 , 133, 680-684	3.6	0
393	Amino-Supported Palladium Catalyst for Chemo- and Stereoselective Domino Reactions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 670-674	16.4	7
392	Investigation of the Deactivation and Reactivation Mechanism of a Heterogeneous Palladium(II) Catalyst in the Cycloisomerization of Acetylenic Acids by XAS. <i>ACS Catalysis</i> , 2021 , 11, 2999-3008	13.1	0
391	Chemoenzymatic Dynamic Kinetic Asymmetric Transformations of β -Hydroxyketones. <i>Chemistry - A European Journal</i> , 2021 , 27, 15623-15627	4.8	2
390	Iron-Catalyzed Cross-Coupling of Propargyl Ethers with Grignard Reagents for the Synthesis of Functionalized Allenes and Allenols. <i>Angewandte Chemie</i> , 2021 , 133, 22352-22357	3.6	0
389	Iron-Catalyzed Cross-Coupling of Propargyl Ethers with Grignard Reagents for the Synthesis of Functionalized Allenes and Allenols. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22178-22183	16.4	10
388	Iron(II)-Catalyzed Aerobic Biomimetic Oxidation of N-Heterocycles. <i>Chemistry - A European Journal</i> , 2021 , 27, 13725-13729	4.8	3

387	Artificial plant cell walls as multi-catalyst systems for enzymatic cooperative asymmetric catalysis in non-aqueous media. <i>Chemical Communications</i> , 2021 , 57, 8814-8817	5.8	2
386	On the Use of Iron in Organic Chemistry. <i>Molecules</i> , 2020 , 25,	4.8	18
385	Synthesis of Cross-Conjugated Polyenes via Palladium-Catalyzed Oxidative C-C Bond Forming Cascade Reactions of Allenes. <i>Journal of Organic Chemistry</i> , 2020 , 85, 5428-5437	4.2	4
384	Efficient Stereoselective Carbocyclization to 1,4-Disubstituted Heterocycles Enabled by Dual Pd/Electron Transfer Mediator (ETM) Catalysis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5751-5759 ¹⁶	16.4	16
383	Silver-Triggered Activity of a Heterogeneous Palladium Catalyst in Oxidative Carbonylation Reactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10391-10395	16.4	12
382	Silver-Triggered Activity of a Heterogeneous Palladium Catalyst in Oxidative Carbonylation Reactions. <i>Angewandte Chemie</i> , 2020 , 132, 10477-10481	3.6	5
381	In Situ Structural Determination of a Homogeneous Ruthenium Racemization Catalyst and Its Activated Intermediates Using X-Ray Absorption Spectroscopy. <i>Chemistry - A European Journal</i> , 2020 , 26, 3411-3419	4.8	7
380	Iron(II)-Catalyzed Biomimetic Aerobic Oxidation of Alcohols. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5403-5406	16.4	24
379	Efficient Heterogeneous Palladium-Catalyzed Oxidative Cascade Reactions of Enallenols to Furan and Oxaborole Derivatives. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1992-1996	16.4	15
378	Highly Diastereoselective Palladium-Catalyzed Oxidative Cascade Carbonylative Carbocyclization of Enallenols. <i>Organic Letters</i> , 2020 , 22, 417-421	6.2	8
377	Palladium-catalyzed oxidative dehydrogenative carbonylation reactions using carbon monoxide and mechanistic overviews. <i>Chemical Society Reviews</i> , 2020 , 49, 341-353	58.5	46
376	Efficient Heterogeneous Palladium-Catalyzed Oxidative Cascade Reactions of Enallenols to Furan and Oxaborole Derivatives. <i>Angewandte Chemie</i> , 2020 , 132, 2008-2012	3.6	10
375	Efficient Palladium-Catalyzed Aerobic Oxidative Carbocyclization to Seven-Membered Heterocycles. <i>Chemistry - A European Journal</i> , 2020 , 26, 15513-15518	4.8	6
374	Nanocatalysis Meets Biology. <i>Topics in Organometallic Chemistry</i> , 2020 , 243-278	0.6	
373	Iron(II)-Catalyzed Biomimetic Aerobic Oxidation of Alcohols. <i>Angewandte Chemie</i> , 2020 , 132, 5441-5444	3.6	11
372	Transesterification of a Tertiary Alcohol by Engineered <i>Candida antarctica</i> Lipase A. <i>ChemBioChem</i> , 2019 , 20, 1438-1443	3.8	9
371	Diastereoselective Synthesis of N-Protected 2,3-Dihydropyrroles via Iron-Catalyzed Cycloisomerization of β -Allenic Sulfonamides. <i>ACS Catalysis</i> , 2019 , 9, 1733-1737	13.1	23
370	Chemoenzymatic Dynamic Kinetic Resolution of Primary Benzylic Amines using Pd-CalB CLEA as a Biohybrid Catalyst. <i>Chemistry - A European Journal</i> , 2019 , 25, 9174-9179	4.8	17

369	Palladium-Catalyzed Stereospecific Oxidative Cascade Reaction of Allenes for the Construction of Pyrrole Rings: Control of Reactivity and Selectivity. <i>ACS Catalysis</i> , 2019 , 9, 5184-5190	13.1	25
368	Efficient 1,3-Oxazolidin-2-one Synthesis through Heterogeneous Pd-Catalyzed Intramolecular Hydroamination of Propargylic Carbamates. <i>Chemistry - A European Journal</i> , 2019 , 25, 6295-6299	4.8	2
367	An Efficient Approach to Regio- and Stereodefined Fully-Substituted Alkenylsilanes by Pd-Catalyzed Allenic C(sp ²)-H Oxidation. <i>Chemistry - A European Journal</i> , 2019 , 25, 11566-11573	4.8	1
366	Diastereoselective Cyclobutenol Synthesis: A Heterogeneous Palladium-Catalyzed Oxidative Carbocyclization-Borylation of Enallenols. <i>Chemistry - A European Journal</i> , 2019 , 25, 210-215	4.8	20
365	Highly Diastereoselective Palladium-Catalyzed Oxidative Carbocyclization of Enallenes Assisted by a Weakly Coordinating Hydroxyl Group. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3210-3214	16.4	18
364	Mechanistic Insight into Enantioselective Palladium-Catalyzed Oxidative Carbocyclization-Borylation of Enallenols. <i>Chemistry - A European Journal</i> , 2018 , 24, 2433-2439	4.8	8
363	Efficient Formation of 2,3-Dihydrofurans via Iron-Catalyzed Cycloisomerization of β -Allenols. <i>ACS Catalysis</i> , 2018 , 8, 12-16	13.1	33
362	Kinetics and Mechanism of the Palladium-Catalyzed Oxidative Arylating Carbocyclization of Allenynes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 298-309	16.4	14
361	Heterogeneous Acid-Catalyzed Racemization of Tertiary Alcohols. <i>Chemistry - A European Journal</i> , 2018 , 24, 77-80	4.8	9
360	Efficient Palladium-Catalyzed Aerobic Arylative Carbocyclization of Enallenynes. <i>Angewandte Chemie</i> , 2018 , 130, 17084-17088	3.6	15
359	Highly Selective Palladium-Catalyzed Hydroborylative Carbocyclization of Bisallenols to Seven-Membered Rings. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14324-14333	16.4	23
358	Efficient Palladium-Catalyzed Aerobic Arylative Carbocyclization of Enallenynes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 16842-16846	16.4	24
357	Chemodivergent and Diastereoselective Synthesis of β -Lactones and β -Lactams: A Heterogeneous Palladium-Catalyzed Oxidative Tandem Process. <i>Journal of the American Chemical Society</i> , 2018 , 140, 14604-14608	16.4	39
356	Control of Selectivity in Palladium(II)-Catalyzed Oxidative Transformations of Allenes. <i>Accounts of Chemical Research</i> , 2018 , 51, 1520-1531	24.3	104
355	Selective Cascade Reaction of Bisallenols via Palladium-Catalyzed Aerobic Oxidative Carbocyclization-Borylation and Aldehyde Trapping. <i>Angewandte Chemie</i> , 2017 , 129, 1612-1616	3.6	9
354	Selective Cascade Reaction of Bisallenols via Palladium-Catalyzed Aerobic Oxidative Carbocyclization-Borylation and Aldehyde Trapping. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1590-1594	16.4	26
353	Design of a Pd(0)-CalB CLEA Biohybrid Catalyst and Its Application in a One-Pot Cascade Reaction. <i>ACS Catalysis</i> , 2017 , 7, 1601-1605	13.1	43
352	Palladium-Catalyzed Oxidative Cascade Carbonylative Spirolactonization of Enallenols. <i>Angewandte Chemie</i> , 2017 , 129, 3269-3273	3.6	8

351	Palladium-Catalyzed Oxidative Cascade Carbonylative Spirolactonization of Enallenols. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3221-3225	16.4	32
350	Highly Selective Olefin-Assisted Pd -Catalyzed Oxidative Alkynylation of Enallenes. <i>Chemistry - A European Journal</i> , 2017 , 23, 7896-7899	4.8	9
349	Water oxidation mediated by ruthenium oxide nanoparticles supported on siliceous mesocellular foam. <i>Catalysis Science and Technology</i> , 2017 , 7, 293-299	5.5	12
348	Enantioselective Palladium-Catalyzed Carbonylative Carbocyclization of Enallenes via Cross-Dehydrogenative Coupling with Terminal Alkynes: Efficient Construction of β -Chirality of Ketones. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4535-4539	16.4	31
347	Enantioselective Palladium-Catalyzed Carbonylative Carbocyclization of Enallenes via Cross-Dehydrogenative Coupling with Terminal Alkynes: Efficient Construction of β -Chirality of Ketones. <i>Angewandte Chemie</i> , 2017 , 129, 4606-4610	3.6	13
346	Chemoenzymatic Dynamic Kinetic Resolution of Secondary Alcohols Using an Air- and Moisture-Stable Iron Racemization Catalyst. <i>Chemistry - A European Journal</i> , 2017 , 23, 1048-1051	4.8	35
345	Synthesis of Benzofurans and Indoles from Terminal Alkynes and Iodoaromatics Catalyzed by Recyclable Palladium Nanoparticles Immobilized on Siliceous Mesocellular Foam. <i>Chemistry - A European Journal</i> , 2017 , 23, 12886-12891	4.8	26
344	Selective Palladium-Catalyzed Allenic C-H Bond Oxidation for the Synthesis of [3]Dendralenes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 13112-13116	16.4	17
343	Selective Palladium-Catalyzed Allenic C β Bond Oxidation for the Synthesis of [3]Dendralenes. <i>Angewandte Chemie</i> , 2017 , 129, 13292-13296	3.6	6
342	Highly selective olefin-assisted palladium-catalyzed oxidative carbocyclization remote olefin insertion. <i>Chemical Science</i> , 2017 , 8, 616-620	9.4	33
341	Palladium-Catalyzed Oxidative Domino Carbocyclization-Arylation of Bisallenenes. <i>ACS Catalysis</i> , 2016 , 6, 6398-6402	13.1	21
340	Highly Selective Construction of Seven-Membered Carbocycles by Olefin-Assisted Palladium-Catalyzed Oxidative Carbocyclization-Alkoxy-carbonylation of Bisallenenes. <i>Angewandte Chemie</i> , 2016 , 128, 14617-14620	3.6	19
339	Palladium-Catalyzed Oxidative Synthesis of β -Acetoxyated Enones from Alkynes. <i>Angewandte Chemie</i> , 2016 , 128, 5918-5922	3.6	3
338	Enzyme- and Ruthenium-Catalyzed Enantioselective Transformation of β -Allenic Alcohols into 2,3-Dihydrofurans. <i>Angewandte Chemie</i> , 2016 , 128, 5658-5662	3.6	14
337	Palladium-Catalyzed Oxidative Carbocyclization-Borylation of Enallenes to Cyclobutenes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6520-4	16.4	55
336	Mild and Selective Catalytic Hydrogenation of the C=C Bond in β,β -Unsaturated Carbonyl Compounds Using Supported Palladium Nanoparticles. <i>Chemistry - A European Journal</i> , 2016 , 22, 7184-9	4.8	31
335	Palladium-Catalyzed Oxidative Synthesis of β -Acetoxyated Enones from Alkynes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5824-8	16.4	14
334	Olefin-Directed Palladium-Catalyzed Regio- and Stereoselective Hydroboration of Allenes. <i>Chemistry - A European Journal</i> , 2016 , 22, 2939-43	4.8	35

333	Enzyme- and Ruthenium-Catalyzed Enantioselective Transformation of β -Allenic Alcohols into 2,3-Dihydrofurans. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5568-72	16.4	35
332	Iron-catalyzed Cross-Coupling of Propargyl Carboxylates and Grignard Reagents: Synthesis of Substituted Allenes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3734-8	16.4	58
331	Nanopalladium-catalyzed conjugate reduction of Michael acceptors Application in flow. <i>Green Chemistry</i> , 2016 , 18, 2632-2637	10	10
330	New Concepts for Increasing the Efficiency in Directed Evolution of Stereoselective Enzymes. <i>Chemistry - A European Journal</i> , 2016 , 22, 5046-54	4.8	64
329	Evaluation of Fe and Ru Pincer-Type Complexes as Catalysts for the Racemization of Secondary Benzylic Alcohols. <i>Chemistry - A European Journal</i> , 2016 , 22, 11583-6	4.8	11
328	Application of Pd Nanoparticles Supported on Mesoporous Hollow Silica Nanospheres for the Efficient and Selective Semihydrogenation of Alkynes. <i>ChemCatChem</i> , 2016 , 8, 773-778	5.2	26
327	Palladium-Catalyzed Oxidative Carbocyclization/Borylation of Enallenes to Cyclobutenes. <i>Angewandte Chemie</i> , 2016 , 128, 6630-6634	3.6	24
326	Removing the Active-Site Flap in Lipase A from <i>Candida antarctica</i> Produces a Functional Enzyme without Interfacial Activation. <i>ChemBioChem</i> , 2016 , 17, 141-5	3.8	17
325	Iron-catalyzed Cross-Coupling of Propargyl Carboxylates and Grignard Reagents: Synthesis of Substituted Allenes. <i>Angewandte Chemie</i> , 2016 , 128, 3798-3802	3.6	20
324	Highly Selective Construction of Seven-Membered Carbocycles by Olefin-Assisted Palladium-Catalyzed Oxidative Carbocyclization-Alkoxyacylation of Bisallenenes. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14405-14408	16.4	46
323	A Synthesis of Substituted β -Allenols via Iron-Catalyzed Cross-Coupling of Propargyl Carboxylates with Grignard Reagents. <i>ACS Catalysis</i> , 2016 , 6, 7448-7451	13.1	31
322	Highly Efficient Cascade Reaction for Selective Formation of Spirocyclobutenes from Dienallenenes via Palladium-Catalyzed Oxidative Double Carbocyclization-Carbonylation-Alkynylation. <i>Journal of the American Chemical Society</i> , 2016 , 138, 13846-13849	16.4	41
321	Mild deoxygenation of aromatic ketones and aldehydes over Pd/C using polymethylhydrosiloxane as the reducing agent. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5122-6	16.4	62
320	Dispersed Gold Nanoparticles Supported in the Pores of Siliceous Mesocellular Foam: A Catalyst for Cycloisomerization of Alkynoic Acids to β -Alkylidene Lactones. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 2250-2255	3.2	10
319	Palladium(II)-Catalyzed Tandem Oxidative Acetoxylation/ortho C-H Activation/Carbocyclization of Arylallenenes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9559-62	16.4	36
318	Chemoenzymatic dynamic kinetic resolution: a powerful tool for the preparation of enantiomerically pure alcohols and amines. <i>Journal of the American Chemical Society</i> , 2015 , 137, 3996-4009	16.4	253
317	Palladium(II)/Brønsted Acid-Catalyzed Enantioselective Oxidative Carbocyclization-Borylation of Enallenenes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6024-7	16.4	66
316	Well-defined palladium nanoparticles supported on siliceous mesocellular foam as heterogeneous catalysts for the oxidation of water. <i>Chemistry - A European Journal</i> , 2015 , 21, 5909-15	4.8	12

315	Racemization of Olefinic Alcohols by a Carbonyl(cyclopentadienyl)ruthenium Complex: Inhibition by the Carbon-Carbon Double Bond. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 2388-2393	3.2	0
314	Highly Selective Cascade C-C Bond Formation via Palladium-Catalyzed Oxidative Carbonylation-Carbocyclization-Carbonylation-Alkynylation of Enallenes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11868-71	16.4	70
313	The syn/anti-dichotomy in the palladium-catalyzed addition of nucleophiles to alkenes. <i>Chemistry - A European Journal</i> , 2015 , 21, 36-56	4.8	89
312	Combinatorial Library Based Engineering of Candida antarctica Lipase A for Enantioselective Transacylation of sec-Alcohols in Organic Solvent. <i>Angewandte Chemie</i> , 2015 , 127, 4358-4362	3.6	7
311	Olefin-Directed Palladium-Catalyzed Regio- and Stereoselective Oxidative Arylation of Allenes. <i>Angewandte Chemie</i> , 2015 , 127, 9194-9197	3.6	27
310	Olefin-Directed Palladium-Catalyzed Regio- and Stereoselective Oxidative Arylation of Allenes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9066-9	16.4	62
309	Artificial Metalloenzymes in Asymmetric Catalysis: Key Developments and Future Directions. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 1567-1586	5.6	56
308	Palladium(II)/Brønsted Acid-Catalyzed Enantioselective Oxidative Carbocyclization/Borylation of Enallenes. <i>Angewandte Chemie</i> , 2015 , 127, 6122-6125	3.6	31
307	Mild Deoxygenation of Aromatic Ketones and Aldehydes over Pd/C Using Polymethylhydrosiloxane as the Reducing Agent. <i>Angewandte Chemie</i> , 2015 , 127, 5211-5215	3.6	14
306	Combinatorial library based engineering of Candida antarctica lipase A for enantioselective transacylation of sec-alcohols in organic solvent. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4284-8	16.4	32
305	Preparation of tetrasubstituted olefins using mono or double aerobic direct C-H functionalization strategies: importance of steric effects. <i>Journal of Organic Chemistry</i> , 2015 , 80, 2796-803	4.2	23
304	Aerobic double dehydrogenative cross coupling between cyclic saturated ketones and simple arenes. <i>Chemistry - A European Journal</i> , 2014 , 20, 5890-4	4.8	29
303	Efficient palladium-catalyzed aminocarbonylation of aryl iodides using palladium nanoparticles dispersed on siliceous mesocellular foam. <i>Chemistry - A European Journal</i> , 2014 , 20, 5885-9	4.8	29
302	Cycloisomerization of acetylenic acids to α -alkylidene lactones using a palladium(II) catalyst supported on amino-functionalized siliceous mesocellular foam. <i>Journal of Organic Chemistry</i> , 2014 , 79, 1399-405	4.2	24
301	Mild and Selective Hydrogenation of Nitro Compounds using Palladium Nanoparticles Supported on Amino-Functionalized Mesocellular Foam. <i>ChemCatChem</i> , 2014 , 6, 3153-3159	5.2	52
300	Migratory dynamic kinetic resolution of carbocyclic allylic alcohols. <i>Organic Letters</i> , 2014 , 16, 5952-5	6.2	10
299	Transition metal-catalyzed redox isomerization of codeine and morphine in water. <i>RSC Advances</i> , 2014 , 4, 39519-39522	3.7	15
298	Palladium-catalyzed oxidative domino carbocyclization-carbonylation-alkynylation of enallenes. <i>Organic Letters</i> , 2014 , 16, 4174-7	6.2	40

297	C-2 selective arylation of indoles with heterogeneous nanopalladium and diaryliodonium salts. <i>Chemistry - A European Journal</i> , 2014 , 20, 13531-5	4.8	51
296	Palladium-catalyzed oxidative arylation carbocyclization of allenynes: control of selectivity and role of H ₂ O. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 8696-9	16.4	31
295	Aerobic direct C-H arylation of nonbiased olefins. <i>Organic Letters</i> , 2014 , 16, 4432-5	6.2	39
294	Nanopalladium on Amino-Functionalized Mesocellular Foam as an Efficient and Recyclable Catalyst for the Selective Transfer Hydrogenation of Nitroarenes to Anilines. <i>ChemCatChem</i> , 2014 , 6, 205-211	5.2	33
293	Palladium-catalyzed intramolecular hydroamination of propargylic carbamates and carbamothioates. <i>Organic Letters</i> , 2014 , 16, 1434-7	6.2	40
292	Access to cinnamyl derivatives from arenes and allyl esters by a biomimetic aerobic oxidative dehydrogenative coupling. <i>Organic Letters</i> , 2014 , 16, 1664-7	6.2	42
291	Palladium-catalyzed oxidative carbocyclization-carbonylation of allenynes and enallenes. <i>Chemistry - A European Journal</i> , 2014 , 20, 7608-12	4.8	31
290	A general Suzuki cross-coupling reaction of heteroaromatics catalyzed by nanopalladium on amino-functionalized siliceous mesocellular foam. <i>Journal of Organic Chemistry</i> , 2014 , 79, 3946-54	4.2	29
289	Chemoenzymatic dynamic kinetic resolution of primary amines using a recyclable palladium nanoparticle catalyst together with lipases. <i>Journal of Organic Chemistry</i> , 2014 , 79, 3747-51	4.2	42
288	Mesoporous silica nanoparticles applied as a support for Pd and Au nanocatalysts in cycloisomerization reactions. <i>APL Materials</i> , 2014 , 2, 113316	5.7	19
287	Investigation of the impact of water on the enantioselectivity displayed by CALB in the kinetic resolution of β -functionalized alkan-2-ol derivatives. <i>Chemistry - A European Journal</i> , 2014 , 20, 13517-21	4.8	12
286	Epimerization of glycol derivatives by a cyclopentadienylruthenium catalyst: application to metalloenzymatic DYKAT. <i>Chemistry - A European Journal</i> , 2014 , 20, 14756-62	4.8	4
285	Palladium-Catalyzed Oxidative Arylation Carbocyclization of Allenynes: Control of Selectivity and Role of H ₂ O. <i>Angewandte Chemie</i> , 2014 , 126, 8840-8843	3.6	17
284	Synthesis of (R)-2-Methoxy-N-(1-Phenylethyl)Acetamide via Dynamic Kinetic Resolution 2014 , 255-266		
283	A computational study of the CO dissociation in cyclopentadienyl ruthenium complexes relevant to the racemization of alcohols. <i>Dalton Transactions</i> , 2013 , 42, 927-34	4.3	15
282	Synthesis of conjugated dienes via a biomimetic aerobic oxidative coupling of two C(vinyl)-H bonds. <i>Chemistry - A European Journal</i> , 2013 , 19, 10799-803	4.8	59
281	Palladium-Catalyzed 1,4-Additions to Conjugated Dienes 2013 , 875-923		
280	Scalable synthesis of oxazolones from propargylic alcohols through multistep palladium(II) catalysis: β -selective oxidative Heck coupling of cyclic sulfonyl enamides and aryl boroxines. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13745-50	16.4	22

279	Co-immobilization of an enzyme and a metal into the compartments of mesoporous silica for cooperative tandem catalysis: an artificial metalloenzyme. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 14006-10	16.4	150
278	Enzyme- and ruthenium-catalyzed dynamic kinetic resolution of functionalized cyclic allylic alcohols. <i>Journal of Organic Chemistry</i> , 2013 , 78, 12114-20	4.2	23
277	Dynamic kinetic resolution of homoallylic alcohols: application to the synthesis of enantiomerically pure 5,6-dihydropyran-2-ones and lactones. <i>Chemistry - A European Journal</i> , 2013 , 19, 13859-64	4.8	31
276	Palladium-catalyzed oxidative acyloxylation/carbocyclization of allenynes. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 3217-21	16.4	43
275	Aerobic oxidative coupling of arenes and olefins through a biomimetic approach. <i>Chemistry - A European Journal</i> , 2013 , 19, 4140-5	4.8	55
274	Performance of a biomimetic oxidation catalyst immobilized on silica particles. <i>Journal of Catalysis</i> , 2013 , 303, 16-21	7.3	9
273	Mechanistic aspects on cyclopentadienylruthenium complexes in catalytic racemization of alcohols. <i>Accounts of Chemical Research</i> , 2013 , 46, 2545-55	24.3	56
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