

Alois Frstner

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.

469
papers

46,460
citations

112
h-index

195
g-index

486
ext. papers

49,359
ext. citations

8.8
avg, IF

8.35
L-index

#	Paper	IF	Citations
469	Total Syntheses of Scabrolide A and Nominal Scabrolide B.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	3
468	C-H Insertion via Ruthenium Catalyzed α -Hydrogenation of 1,3-Enynes.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	1
467	Hydrogenative Cycloisomerization and Sigmatropic Rearrangement Reactions of Cationic Ruthenium Carbenes Formed by Catalytic Alkyne α -Hydrogenation.. <i>Angewandte Chemie - International Edition</i> , 2021 , e202113827	16.4	1
466	Scalable De Novo Synthesis of Aldgarose and Total Synthesis of Aldgamycin N. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7900-7905	16.4	4
465	Productive Alkyne Metathesis with "Canopy Catalysts" Mandates Pseudorotation. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5643-5648	16.4	10
464	A New Ligand Design Based on London Dispersion Empowers Chiral Bismuth-Rhodium Paddlewheel Catalysts. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5666-5673	16.4	17
463	[Rh ₂ (MEPY) ₄] and [BiRh(MEPY) ₄]: Convenient Syntheses and Computational Analysis of Strikingly Dissimilar Siblings. <i>Helvetica Chimica Acta</i> , 2021 , 104, e2100042	2	2
462	Light-Driven α Hydrogenation: An Orthogonal Entry into "Second-Generation" Ruthenium Carbene Catalysts for Olefin Metathesis. <i>Chemistry - A European Journal</i> , 2021 , 27, 7663-7666	4.8	5
461	Spectroscopic and Theoretical Study on Siloxy-Based Molybdenum and Tungsten Alkylidyne Catalysts for Alkyne Metathesis. <i>ACS Catalysis</i> , 2021 , 11, 9086-9101	13.1	3
460	An Alkyne-Metathesis-Based Approach to the Synthesis of the Anti-Malarial Macrodiolide Samroyotmycin A. <i>Angewandte Chemie</i> , 2021 , 133, 18652-18656	3.6	2
459	Collective Total Synthesis of Casbane Diterpenes: One Strategy, Multiple Targets. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5316-5322	16.4	17
458	Collective Total Synthesis of Casbane Diterpenes: One Strategy, Multiple Targets. <i>Angewandte Chemie</i> , 2021 , 133, 5376-5382	3.6	6
457	The Formosalides: Structure Determination by Total Synthesis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 446-454	16.4	22
456	The Formosalides: Structure Determination by Total Synthesis. <i>Angewandte Chemie</i> , 2021 , 133, 450-458	3.6	9
455	Total Synthesis of Limaol. <i>Journal of the American Chemical Society</i> , 2021 , 143, 2464-2469	16.4	10
454	Total Synthesis of Mycinolide IV and Path-Scouting for Aldgamycin N. <i>Angewandte Chemie</i> , 2021 , 133, 7972-7978	3.6	0
453	Total Synthesis of Mycinolide IV and Path-Scouting for Aldgamycin N. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7893-7899	16.4	5

452	Iron Catalyzed C-C Bond Formation: From Canonical Cross Coupling to a Quest for New Reactivity. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 666-677	5.1	8
451	Scalable De Novo Synthesis of Aldgarose and Total Synthesis of Aldgamycin N. <i>Angewandte Chemie</i> , 2021 , 133, 7979-7984	3.6	0
450	An Alkyne-Metathesis-Based Approach to the Synthesis of the Anti-Malarial Macrodilide Samroyotmycin A. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18504-18508	16.4	5
449	Regioselective trans-Hydrostannation of Boron-Capped Alkynes. <i>Chemistry - A European Journal</i> , 2021 , 27, 17002-17011	4.8	0
448	Nickel-Catalyzed Enantioselective Synthesis of Pre-Differentiated Homoallylic - or -1,2-Diols from Aldehydes and Dienol Ethers. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13489-13494	16.4	1
447	A Unified Approach to Polycyclic Alkaloids of the Ingenamine Estate: Total Syntheses of Keramaphidin B, Ingenamine, and Nominal Njaoamine I. <i>Journal of the American Chemical Society</i> , 2021 , 143, 14402-14414	16.4	4
446	Canopy Catalysts for Alkyne Metathesis: Investigations into a Bimolecular Decomposition Pathway and the Stability of the Podand Cap. <i>Chemistry - A European Journal</i> , 2021 , 27, 14025-14033	4.8	4
445	Triple Resonance Experiments for the Rapid Detection of Rh NMR Shifts: A Combined Experimental and Theoretical Study into Dirhodium and Bismuth-Rhodium Paddlewheel Complexes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 12473-12479	16.4	2
444	The Ascent of Alkyne Metathesis to Strategy-Level Status. <i>Journal of the American Chemical Society</i> , 2021 , 143, 15538-15555	16.4	7
443	Lessons from Natural Product Total Synthesis: Macrocyclization and Postcyclization Strategies. <i>Accounts of Chemical Research</i> , 2021 , 54, 861-874	24.3	17
442	A Heteroleptic Dirhodium Catalyst for Asymmetric Cyclopropanation with β -Stannyl β -Diazoacetate. Stereoretentive Stille Coupling with Formation of Chiral Quarternary Carbon Centers. <i>Angewandte Chemie</i> , 2020 , 132, 14004-14011	3.6	0
441	A Heteroleptic Dirhodium Catalyst for Asymmetric Cyclopropanation with β -Stannyl β -Diazoacetate. "Stereoretentive" Stille Coupling with Formation of Chiral Quarternary Carbon Centers. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13900-13907	16.4	8
440	Modular Synthesis of Furans with up to Four Different Substituents by a trans-Carboboration Strategy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13618-13622	16.4	11
439	Modular Synthesis of Furans with up to Four Different Substituents by a trans-Carboboration Strategy. <i>Angewandte Chemie</i> , 2020 , 132, 13720-13724	3.6	0
438	"Canopy Catalysts" for Alkyne Metathesis: Molybdenum Alkylidyne Complexes with a Tripodal Ligand Framework. <i>Journal of the American Chemical Society</i> , 2020 , 142, 11279-11294	16.4	31
437	Total Synthesis Provides Strong Evidence: Xestocyclamine A is the Enantiomer of Ingenamine. <i>Journal of the American Chemical Society</i> , 2020 , 142, 11703-11708	16.4	17
436	Chagosensine: A Riddle Wrapped in a Mystery Inside an Enigma. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6409-6422	16.4	22
435	Grubbs Metathesis Enabled by a Light-Driven gem-Hydrogenation of Internal Alkynes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18423-18429	16.4	14

434	Grubbs Metathesis Enabled by a Light-Driven gem-Hydrogenation of Internal Alkynes. <i>Angewandte Chemie</i> , 2020 , 132, 18581-18587	3.6	5
433	Catalytic Asymmetric Fluorination of Copper Carbene Complexes: Preparative Advances and a Mechanistic Rationale. <i>Chemistry - A European Journal</i> , 2020 , 26, 2509-2515	4.8	11
432	Hydrogenative Metathesis of Enynes via Piano-Stool Ruthenium Carbene Complexes Formed by Alkyne-Hydrogenation. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18541-18553	16.4	18
431	Ruthenium-Catalyzed -Hydroalkynylation and -Chloroalkynylation of Internal Alkynes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18746-18752	16.4	14
430	183W NMR Spectroscopy Guides the Search for Tungsten Alkylidyne Catalysts for Alkyne Metathesis. <i>Angewandte Chemie</i> , 2020 , 132, 21942-21952	3.6	1
429	Isolation of a Homoleptic Non-oxo Mo(V) Alkoxide Complex: Synthesis, Structure, and Electronic Properties of Penta- <i>n</i> -Butoxymolybdenum. <i>Journal of the American Chemical Society</i> , 2020 , 142, 16392-16402	16.4	8
428	W NMR Spectroscopy Guides the Search for Tungsten Alkylidyne Catalysts for Alkyne Metathesis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21758-21768	16.4	10
427	Mechanistic Divergence in the Hydrogenative Synthesis of Furans and Butenolides: Ruthenium Carbenes Formed by gem-Hydrogenation or through Carbophilic Activation of Alkynes. <i>Angewandte Chemie</i> , 2019 , 131, 18647-18652	3.6	11
426	Mechanistic Divergence in the Hydrogenative Synthesis of Furans and Butenolides: Ruthenium Carbenes Formed by gem-Hydrogenation or through Carbophilic Activation of Alkynes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18476-18481	16.4	20
425	Molybdenum Alkylidyne Complexes with Tripodal Silanolate Ligands: The Next Generation of Alkyne Metathesis Catalysts. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 15690-15696	16.4	40
424	Chiral Heterobimetallic Bismuth-Rhodium Paddlewheel Catalysts: A Conceptually New Approach to Asymmetric Cyclopropanation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3557-3561	16.4	22
423	Hydrogenative Cyclopropanation and Hydrogenative Metathesis. <i>Angewandte Chemie</i> , 2019 , 131, 8943-8948	3.6	11
422	trans-Hydroboration of Propargyl Alcohol Derivatives and Related Substrates. <i>Chemistry - A European Journal</i> , 2019 , 25, 10063-10068	4.8	15
421	Gold Difluorocarbenoid Complexes: Spectroscopic and Chemical Profiling. <i>Angewandte Chemie</i> , 2019 , 131, 8926-8930	3.6	10
420	Gold Difluorocarbenoid Complexes: Spectroscopic and Chemical Profiling. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8834-8838	16.4	28
419	Regioselective trans-Carboboration of Propargyl Alcohols. <i>Organic Letters</i> , 2019 , 21, 3446-3450	6.2	13
418	Alkyne gem-Hydrogenation: Formation of Pianostool Ruthenium Carbene Complexes and Analysis of Their Chemical Character. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8845-8850	16.4	27
417	Hydrogenative Cyclopropanation and Hydrogenative Metathesis. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8851-8856	16.4	20

416	Alkyne gem-Hydrogenation: Formation of Pianostool Ruthenium Carbene Complexes and Analysis of Their Chemical Character. <i>Angewandte Chemie</i> , 2019 , 131, 8937-8942	3.6	13
415	Chiral Heterobimetallic BismuthRhodium Paddlewheel Catalysts: A Conceptually New Approach to Asymmetric Cyclopropanation. <i>Angewandte Chemie</i> , 2019 , 131, 3595-3599	3.6	5
414	Iron-Catalyzed Reactions of 2-Pyridone Derivatives: 1,6-Addition and Formal Ring Opening/Cross Coupling. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 4017-4023	4.5	7
413	Molybdenum Alkylidyne Complexes with Tripodal Silanolate Ligands: The Next Generation of Alkyne Metathesis Catalysts. <i>Angewandte Chemie</i> , 2019 , 131, 15837-15843	3.6	13
412	Total Synthesis of (-)-Sinulariadiolide. A Transannular Approach. <i>Journal of the American Chemical Society</i> , 2019 , 141, 805-809	16.4	35
411	Synthesis and Molecular Editing of Callyspongiolide, Part 1: The Alkyne Metathesis/trans-Reduction Strategy. <i>Chemistry - A European Journal</i> , 2019 , 25, 246-254	4.8	17
410	Total Synthesis of Callyspongiolide, Part 2: The Ynoate Metathesis/cis-Reduction Strategy. <i>Chemistry - A European Journal</i> , 2019 , 25, 255-259	4.8	25
409	trans-Hydrogenation, gem-Hydrogenation, and trans-Hydrometalation of Alkynes: An Interim Report on an Unorthodox Reactivity Paradigm. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11-24	16.4	94
408	Metathesis at an Implausible Site: A Formal Total Synthesis of Rhizoxin D. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 248-253	16.4	26
407	Metathesis at an Implausible Site: A Formal Total Synthesis of Rhizoxin D. <i>Angewandte Chemie</i> , 2019 , 131, 254-259	3.6	11
406	Site-Selective trans-Hydrostannation of 1,3- and 1,n-Diynes: Application to the Total Synthesis of Typhonosides E and F, and a Fluorinated Cerebroside Analogue. <i>Chemistry - A European Journal</i> , 2018 , 24, 9667-9674	4.8	26
405	Half-Sandwich Ruthenium Carbene Complexes Link trans-Hydrogenation and gem-Hydrogenation of Internal Alkynes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3156-3169	16.4	92
404	A "Motif-Oriented" Total Synthesis of Nannocystin Ax. Preparation and Biological Assessment of Analogues. <i>Journal of Organic Chemistry</i> , 2018 , 83, 6977-6994	4.2	54
403	Structure and Reactivity of Half-Sandwich Rh(+3) and Ir(+3) Carbene Complexes. Catalytic Metathesis of Azobenzene Derivatives. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1884-1893	16.4	46
402	Gold-Katalyse für die Heterocyclenchemie: eine repräsentative Fallstudie zu Naturstoffen der Pyron-Reihe. <i>Angewandte Chemie</i> , 2018 , 130, 4289-4308	3.6	34
401	Gold Catalysis for Heterocyclic Chemistry: A Representative Case Study on Pyrone Natural Products. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4215-4233	16.4	94
400	Ligand Exchange on and Allylic C-H Activation by Iron(0) Fragments: π -Complexes, Allyliron Species, and Metallacycles. <i>Organometallics</i> , 2018 , 37, 729-739	3.8	18
399	Catalysis-Based Total Syntheses of Pateamine A and DMDA-Pat A. <i>Journal of the American Chemical Society</i> , 2018 , 140, 10514-10523	16.4	43

398	Two Amphoteric Silver Carbene Clusters. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8089-8094	16.4	29
397	Total Synthesis of Putative Chagosensine. <i>Angewandte Chemie</i> , 2018 , 130, 13763-13769	3.6	4
396	Total Synthesis of Putative Chagosensine. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13575-13581	16.4	20
395	Total Synthesis of Belizentrin Methyl Ester: Report on a Likely Conquest. <i>Angewandte Chemie</i> , 2018 , 130, 10872-10877	3.6	5
394	Total Synthesis of Disciformycin A and B: Unusually Exigent Targets of Biological Significance. <i>Chemistry - A European Journal</i> , 2018 , 24, 109-114	4.8	33
393	Enhanced Electrophilicity of Heterobimetallic Bi-Rh Paddlewheel Carbene Complexes: A Combined Experimental, Spectroscopic, and Computational Study. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13042-13055	16.4	41
392	Iron- or Palladium-Catalyzed Reaction Cascades Merging Cycloisomerization and Cross-Coupling Chemistry. <i>Chemistry - A European Journal</i> , 2018 , 24, 16814-16822	4.8	9
391	Total Synthesis of Belizentrin Methyl Ester: Report on a Likely Conquest. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10712-10717	16.4	18
390	Two Amphoteric Silver Carbene Clusters. <i>Angewandte Chemie</i> , 2018 , 130, 8221-8226	3.6	11
389	Hydroxy-Directed Ruthenium-Catalyzed Alkene/Alkyne Coupling: Increased Scope, Stereochemical Implications, and Mechanistic Rationale. <i>Angewandte Chemie</i> , 2017 , 129, 3653-3658	3.6	11
388	Hydroxy-Directed Ruthenium-Catalyzed Alkene/Alkyne Coupling: Increased Scope, Stereochemical Implications, and Mechanistic Rationale. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3599-3604	16.4	30
387	Rearrangement of a Transient Gold Vinylidene into Gold Carbenes. <i>Chemistry - A European Journal</i> , 2017 , 23, 4271-4275	4.8	16
386	Two Exceptional Homoleptic Iron(IV) Tetraalkyl Complexes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10108-10113	16.4	32
385	Ruthenium-Catalyzed Alkyne trans-Hydrometalation: Mechanistic Insights and Preparative Implications. <i>Journal of the American Chemical Society</i> , 2017 , 139, 2443-2455	16.4	93
384	Two Exceptional Homoleptic Iron(IV) Tetraalkyl Complexes. <i>Angewandte Chemie</i> , 2017 , 129, 10242-10247	3.6	10
383	A Method for the Late-Stage Formation of Ketones, Acyloins, and Aldols from Alkenylstannanes: Application to the Total Synthesis of Paecilonic Acid A. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 6161-6165	16.4	29
382	A Method for the Late-Stage Formation of Ketones, Acyloins, and Aldols from Alkenylstannanes: Application to the Total Synthesis of Paecilonic Acid A. <i>Angewandte Chemie</i> , 2017 , 129, 6257-6261	3.6	20
381	Polyunsaturated C-Glycosidic 4-Hydroxy-2-pyrone Derivatives: Total Synthesis Shows that Putative Orevactaene Is Likely Identical with Epipyronone A. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7525-7530	16.4	32

380	Tylophorine Analogs Allosterically Regulates Heat Shock Cognate Protein 70 And Inhibits Hepatitis C Virus Replication. <i>Scientific Reports</i> , 2017 , 7, 10037	4.9	13
379	Two Enabling Strategies for the Stereoselective Conversion of Internal Alkynes into Trisubstituted Alkenes. <i>Chemistry - A European Journal</i> , 2017 , 23, 12412-12419	4.8	27
378	Polyunsaturated C-Glycosidic 4-Hydroxy-2-pyrone Derivatives: Total Synthesis Shows that Putative Orevactaene Is Likely Identical with Epipyron A. <i>Angewandte Chemie</i> , 2017 , 129, 7633-7638	3.6	8
377	Stereospecific Synthesis of Fluoroalkenes by Silver-Mediated Fluorination of Functionalized Alkenylstannanes. <i>Chemistry - A European Journal</i> , 2017 , 23, 558-562	4.8	40
376	Progress in the trans-Reduction and trans-Hydrometalation of Internal Alkynes. Applications to Natural Product Synthesis. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 135-160	5.1	61
375	An Iron-Catalyzed Bond-Making/Bond-Breaking Cascade Merges Cycloisomerization and Cross-Coupling Chemistry. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11188-92	16.4	24
374	Iron Catalysis in Organic Synthesis: A Critical Assessment of What It Takes To Make This Base Metal a Multitasking Champion. <i>ACS Central Science</i> , 2016 , 2, 778-789	16.8	420
373	Orthogonal ring-closing alkyne and olefin metathesis for the synthesis of small GTPase-targeting bicyclic peptides. <i>Nature Communications</i> , 2016 , 7, 11300	17.4	79
372	Stabilization of a Chiral Dirhodium Carbene by Encapsulation and a Discussion of the Stereochemical Implications. <i>Angewandte Chemie</i> , 2016 , 128, 10918-10923	3.6	24
371	Constraining an Irregular Peptide Secondary Structure through Ring-Closing Alkyne Metathesis. <i>ChemBioChem</i> , 2016 , 17, 1915-1919	3.8	33
370	Concise Total Synthesis of Enigmazole A. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 1406-11	16.4	63
369	Concise Synthesis of a Pateamine A Analogue with In Vivo Anticancer Activity Based on an Iron-Catalyzed Pyrone Ring Opening/Cross-Coupling. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6051-6	16.4	32
368	Hydroxyl-Assisted Carbonylation of Alkenyltin Derivatives: Development and Application to a Formal Synthesis of Tubelactomicin A. <i>Organic Letters</i> , 2016 , 18, 3210-3	6.2	31
367	Concise Total Synthesis of Enigmazole A. <i>Angewandte Chemie</i> , 2016 , 128, 1428-1433	3.6	27
366	Concise Synthesis of a Pateamine A Analogue with In Vivo Anticancer Activity Based on an Iron-Catalyzed Pyrone Ring Opening/Cross-Coupling. <i>Angewandte Chemie</i> , 2016 , 128, 6155-6160	3.6	19
365	Structures of Reactive Donor/Acceptor and Donor/Donor Rhodium Carbenes in the Solid State and Their Implications for Catalysis. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3797-805	16.4	112
364	Frontispiece: A Two-Component Alkyne Metathesis Catalyst System with an Improved Substrate Scope and Functional Group Tolerance: Development and Applications to Natural Product Synthesis. <i>Chemistry - A European Journal</i> , 2016 , 22,	4.8	1
363	Hydroxyl-Assisted trans-Reduction of 1,3-Enynes: Application to the Formal Synthesis of (+)-Aspicilin. <i>Synthesis</i> , 2016 , 49, 202-208	2.9	18

362	A Two-Component Alkyne Metathesis Catalyst System with an Improved Substrate Scope and Functional Group Tolerance: Development and Applications to Natural Product Synthesis. <i>Chemistry - A European Journal</i> , 2016 , 22, 8494-507	4.8	66
361	Gold- or Silver-Catalyzed Syntheses of Pyrones and Pyridine Derivatives: Mechanistic and Synthetic Aspects. <i>Chemistry - A European Journal</i> , 2016 , 22, 237-47	4.8	52
360	Base-Metal Catalysis Marries Utilitarian Aspects with Academic Fascination. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2362-2363	5.6	21
359	Stabilization of a Chiral Dirhodium Carbene by Encapsulation and a Discussion of the Stereochemical Implications. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10760-5	16.4	50
358	An Iron-Catalyzed Bond-Making/Bond-Breaking Cascade Merges Cycloisomerization and Cross-Coupling Chemistry. <i>Angewandte Chemie</i> , 2016 , 128, 11354-11358	3.6	7
357	Iron-Catalyzed Cross-Coupling of 1-Alkynylcyclopropyl Tosylates and Related Substrates. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2398-2403	5.6	34
356	Total synthesis of an exceptional brominated 4-pyrone derivative of algal origin: an exercise in gold catalysis and alkyne metathesis. <i>Chemistry - A European Journal</i> , 2015 , 21, 4529-33	4.8	40
355	Interligand Interactions Dictate the Regioselectivity of trans-Hydrometalations and Related Reactions Catalyzed by [Cp* <i>RuCl</i>]. Hydrogen Bonding to a Chloride Ligand as a Steering Principle in Catalysis. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5506-19	16.4	133
354	Selective Formation of a Trisubstituted Alkene Motif by trans-Hydrostannation/Stille Coupling: Application to the Total Synthesis and Late-Stage Modification of 5,6-Dihydrocineromycin B. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6241-5	16.4	67
353	Alkyne Metathesis 2015 , 445-501		1
352	Concise total syntheses of amphidinolides C and F. <i>Chemistry - A European Journal</i> , 2015 , 21, 2398-408	4.8	65
351	A new method for the preparation of non-terminal alkynes: application to the total syntheses of tularin A and C. <i>Chemistry - A European Journal</i> , 2015 , 21, 219-27	4.8	30
350	Elementary steps of iron catalysis: exploring the links between iron alkyl and iron olefin complexes for their relevance in C-H activation and C-C bond formation. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1521-6	16.4	55
349	The First Crystal Structure of a Reactive Dirhodium Carbene Complex and a Versatile Method for the Preparation of Gold Carbenes by Rhodium-to-Gold Transmetalation. <i>Angewandte Chemie</i> , 2015 , 127, 15672-15676	3.6	40
348	The First Crystal Structure of a Reactive Dirhodium Carbene Complex and a Versatile Method for the Preparation of Gold Carbenes by Rhodium-to-Gold Transmetalation. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15452-6	16.4	90
347	Formation of Ruthenium Carbenes by γ -Hydrogen Transfer to Internal Alkynes: Implications for Alkyne-Hydrogenation. <i>Angewandte Chemie</i> , 2015 , 127, 12608-12613	3.6	33
346	Innentitelbild: Formation of Ruthenium Carbenes by γ -Hydrogen Transfer to Internal Alkynes: Implications for Alkyne trans-Hydrogenation (Angew. Chem. 42/2015). <i>Angewandte Chemie</i> , 2015 , 127, 12348-12348	3.6	
345	Selective Formation of a Trisubstituted Alkene Motif by trans-Hydrostannation/Stille Coupling: Application to the Total Synthesis and Late-Stage Modification of 5,6-Dihydrocineromycin B. <i>Angewandte Chemie</i> , 2015 , 127, 6339-6343	3.6	38

344	The Triple-Bond Metathesis of Aryldiazonium Salts: A Prospect for Dinitrogen Cleavage. <i>Angewandte Chemie</i> , 2015 , 127, 13005-13009	3.6	7
343	The Triple-Bond Metathesis of Aryldiazonium Salts: A Prospect for Dinitrogen Cleavage. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12814-8	16.4	23
342	Concise Total Synthesis of Ivorenolide B. <i>Chemistry - A European Journal</i> , 2015 , 21, 11387-92	4.8	47
341	A Striking Case of Enantioinversion in Gold Catalysis and Its Probable Origins. <i>Chemistry - A European Journal</i> , 2015 , 21, 12279-84	4.8	23
340	Elementary Steps of Iron Catalysis: Exploring the Links between Iron Alkyl and Iron Olefin Complexes for their Relevance in C-H Activation and C-C Bond Formation. <i>Angewandte Chemie</i> , 2015 , 127, 1541-1546	3.6	25
339	Total Synthesis, Stereochemical Revision, and Biological Reassessment of Mandelalide A: Chemical Mimicry of Intrafamily Relationships. <i>Chemistry - A European Journal</i> , 2015 , 21, 10416-30	4.8	79
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39	The First Synthesis of a 10-Membered Ring by Olefin Metathesis: Jasmine Ketolactone. <i>Synlett</i> , 1997 , 1997, 1010-1012	2.2	70

38	Total Synthesis of the Potent Antitumor Agent Roseophilin: A Concise Approach to the Macrotricyclic Core. <i>Journal of the American Chemical Society</i> , 1997 , 119, 2944-2945	16.4	43
37	Shortcut Syntheses of Naturally Occurring 5-Alkylresorcinols with DNA-Cleaving Properties. <i>Journal of Organic Chemistry</i> , 1997 , 62, 2332-2336	4.2	72
36	Total Syntheses of (+)-Ricinelaïdic Acid Lactone and of (±)-Gloeosporone Based on Transition-Metal-Catalyzed C-C Bond Formations. <i>Journal of the American Chemical Society</i> , 1997 , 119, 9130-9136	16.4	379
35	Olefin Metathesis in Compressed Carbon Dioxide. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 2466-2469		113
34	Recent advancements in ring closing olefin metathesis. <i>Topics in Catalysis</i> , 1997 , 4, 285-299	2.3	155
33	Olefinmetathese in komprimiertem Kohlendioxid. <i>Angewandte Chemie</i> , 1997 , 109, 2562-2565	3.6	32
32	Conformationally Unbiased Macrocyclization Reactions by Ring Closing Metathesis. <i>Journal of Organic Chemistry</i> , 1996 , 61, 3942-3943	4.2	229
31	A Concise Total Synthesis of Dactylol via Ring Closing Metathesis. <i>Journal of Organic Chemistry</i> , 1996 , 61, 8746-8749	4.2	128
30	A Multicomponent Redox System Accounts for the First Nozaki-Hiyama-Kishi Reactions Catalytic in Chromium. <i>Journal of the American Chemical Society</i> , 1996 , 118, 2533-2534	16.4	197
29	Neue Entwicklungen in der Chemie von niedervalentem Titan. <i>Angewandte Chemie</i> , 1996 , 108, 2582-2609	9.6	63
28	Nozaki-Hiyama-Kishi Reactions Catalytic in Chromium. <i>Journal of the American Chemical Society</i> , 1996 , 118, 12349-12357	16.4	291
27	Ethynylation of Aryl Halides by a Modified Suzuki Reaction: Application to the Syntheses of Combretastatin A-4, A-5 and Lunularic Acid. <i>Liebigs Annalen</i> , 1996 , 1996, 2107-2113		69
26	New Developments in the Chemistry of Low-Valent Titanium. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 2442-2469		299
25	Low-valent titanium induced indole formation: Syntheses of secofascaplysin, indolopyridocoline and an endothelin-receptor-antagonist. <i>Tetrahedron</i> , 1996 , 52, 7329-7344	2.4	40
24	Macrocyclic formation by ring-closing-metathesis. 2. An efficient synthesis of enantiomerically pure (R)-(+)-lasiodiplodin. <i>Tetrahedron Letters</i> , 1996 , 37, 7005-7008	2	100
23	Preparation of allyl-, alkenyl- and of functionalized arylmanganese reagents by oxidative insertion of manganese-graphite into organic halides. <i>Tetrahedron Letters</i> , 1996 , 37, 7009-7012	2	73
22	Synthesis of 2-hydroxy-6-[[[(16R)-E]-mannopyransyloxy]heptadecyl]benzoic acid, a fungal metabolite with GABAA ion channel receptor inhibiting properties. <i>Tetrahedron</i> , 1996 , 52, 15071-15078	2.4	61
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17	Syntheses of Zindoxifene and Analogues by Titanium-Induced Oxo-Amide Coupling. <i>Chemische Berichte</i> , 1994 , 127, 1125-1130		32
16	Reversed chemoselectivity in titanium-induced coupling reactions: syntheses of salvadoricine and diazepam. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 211-212		22
15	Chemistry of and with Highly Reactive Metals. <i>Angewandte Chemie International Edition in English</i> , 1993 , 32, 164-189		159
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13	A carbohydrate approach to polyol fragments of amphotericin and the trienomycin- and mycotrienin antibiotics. <i>Tetrahedron</i> , 1993 , 49, 8541-8560	2.4	18
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11	Metal-graphite reagents in carbohydrate chemistry, IX fragmentations of 1-deoxy-1-iodo-2,3,4,5-di-O-isopropylidene pentitols. <i>Tetrahedron Letters</i> , 1990 , 31, 3735-3738	2	17
10	Recent Advancements in the Reformatsky Reaction. <i>Synthesis</i> , 1989 , 1989, 571-590	2.9	227
9	Efficient formation and cleavage of disilanes by potassium-graphite. Silylation with silyl metal reagents. <i>Journal of Organometallic Chemistry</i> , 1988 , 354, 15-21	2.3	51
8	Magnesium- and titanium-induced reductive coupling of carbonyl compounds: efficient syntheses of pinacols and alkenes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1988 , 1729-1734		94
7	Analytical electron microscopy discloses actual structure of zinc-graphite. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988 , 2023-2026		15
6	Graphite-Metal Compounds. <i>Advances in Organometallic Chemistry</i> , 1988 , 28, 85-137	3.8	66
5	Hochreaktives Titan auf Graphit. Ein universelles Reduktionsmittel zur Alkenkupplung von Carbonylverbindungen. <i>Synthesis</i> , 1987 , 1987, 1071-1075	2.9	30
4	Discussion Addendum for: 4-Nonylbenzoic Acid. <i>Organic Syntheses</i> , 96, 1-15	1.2	5
3	Discussion Addendum for: 4-Nonylbenzoic Acid 1-15		

2	Hydrogenative Cycloisomerization and Sigmatropic Rearrangement Reactions of Cationic Ruthenium Carbenes Formed by Catalytic Alkyne gem-Hydrogenation. <i>Angewandte Chemie</i> , e202113827 ^{3.6}	2
1	Alkyne Metathesis ⁴³²⁻⁴⁶²	14