

Scott E Denmark

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.

477
papers

27,124
citations

90
h-index

135
g-index

633
ext. papers

29,631
ext. citations

8.4
avg, IF

7.62
L-index

#	Paper	IF	Citations
477	Lewis Base Catalyzed, Sulfenium Ion Initiated Enantioselective, Spiroketalization Cascade. <i>Journal of Organic Chemistry</i> , 2021 , 86, 14250-14289	4.2	0
476	Synthesis of Enantioenriched 3,4-Disubstituted Chromans through Lewis Base Catalyzed Carbosulfenylation. <i>Journal of Organic Chemistry</i> , 2021 , 86, 14290-14310	4.2	3
475	A Conformer-Dependent, Quantitative Quadrant Model. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 2343-2354	3.2	3
474	Dreams, False Starts, Dead Ends, and Redemption: A Chronicle of the Evolution of a Chemoinformatic Workflow for the Optimization of Enantioselective Catalysts. <i>Accounts of Chemical Research</i> , 2021 , 54, 2041-2054	24.3	9
473	Computational methods for training set selection and error assessment applied to catalyst design: guidelines for deciding which reactions to run first and which to run next. <i>Reaction Chemistry and Engineering</i> , 2021 , 6, 694-708	4.9	4
472	Stereochemical language in supramolecular polymer chemistry: How we can do better. <i>Journal of Polymer Science</i> , 2021 , 59, 1171-1174	2.4	9
471	A Unified Strategy for the Asymmetric Synthesis of Highly Substituted 1,2-Amino Alcohols Leading to Highly Substituted Bisoxazoline Ligands. <i>Journal of Organic Chemistry</i> , 2021 , 86, 3490-3534	4.2	5
470	Heteroaryl-Heteroaryl, Suzuki-Miyaura, Anhydrous Cross-Coupling Reactions Enabled by Trimethyl Borate. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13845-13853	16.4	9
469	Catalytic, Enantioselective α -Oxyamination of Alkenes. <i>Journal of the American Chemical Society</i> , 2021 , 143, 13408-13417	16.4	6
468	Leveraging Machine Learning for Enantioselective Catalysis: From Dream to Reality. <i>Chimia</i> , 2021 , 75, 592-597	1.3	1
467	Development of a Computer-Guided Workflow for Catalyst Optimization. Descriptor Validation, Subset Selection, and Training Set Analysis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 11578-11592	16.4	24
466	Demystifying the asymmetry-amplifying, autocatalytic behaviour of the Soai reaction through structural, mechanistic and computational studies. <i>Nature Chemistry</i> , 2020 , 12, 412-423	17.6	20
465	Anhydrous, Homogeneous, Suzuki-Miyaura Cross-Coupling of Boronic Esters using Potassium Trimethylsilanolate. <i>Organic Syntheses</i> , 2020 , 97, 245-261	1.2	1
464	Quantitative Structure-Selectivity Relationships in Enantioselective Catalysis: Past, Present, and Future. <i>Chemical Reviews</i> , 2020 , 120, 1620-1689	68.1	62
463	Enantioselective Synthesis of β -Lactams by Lewis Base Catalyzed Sulfenoamidation of Alkenes. <i>Organic Letters</i> , 2020 , 22, 2501-2505	6.2	17
462	Potassium Trimethylsilanolate Enables Rapid, Homogeneous Suzuki-Miyaura Cross-Coupling of Boronic Esters. <i>ACS Catalysis</i> , 2020 , 10, 73-80	13.1	19
461	Asymmetric Hydrogenation of Unfunctionalized Tetrasubstituted Acyclic Olefins. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2844-2849	16.4	16

460	Structural Contributions to Autocatalysis and Asymmetric Amplification in the Soai Reaction. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18387-18406	16.4	6
459	Cautionary Guidelines for Machine Learning Studies with Combinatorial Datasets. <i>ACS Combinatorial Science</i> , 2020 , 22, 586-591	3.9	11
458	Katalytische enantioselektive Sulfenofunktionalisierung von Alkenen: Entwicklung und aktuelle Fortschritte. <i>Angewandte Chemie</i> , 2020 , 132, 19966-19990	3.6	2
457	Catalytic, Enantioselective Sulfenofunctionalization of Alkenes: Development and Recent Advances. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19796-19819	16.4	28
456	Organoselenium-catalyzed enantioselective -dichlorination of unbiased alkenes. <i>Tetrahedron</i> , 2019 , 75, 4086-4098	2.4	17
455	A Dinuclear Mechanism Implicated in Controlled Carbene Polymerization. <i>Journal of the American Chemical Society</i> , 2019 , 141, 6473-6478	16.4	18
454	Evaluating continuous chirality measure as a 3D descriptor in chemoinformatics applied to asymmetric catalysis. <i>Tetrahedron</i> , 2019 , 75, 1841-1851	2.4	20
453	Enantioselective, Lewis Base-Catalyzed, Intermolecular Sulferoamination of Alkenes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 13767-13771	16.4	28
452	Enantio- and Diastereoselective, Lewis Base Catalyzed, Cascade Sulferoacetalization of Alkenyl Aldehydes. <i>Angewandte Chemie</i> , 2019 , 131, 12616-12620	3.6	9
451	Unusual Kinetic Profiles for Lewis Base-Catalyzed Sulferocyclization of -Geranylphenols in Hexafluoroisopropyl Alcohol. <i>Synlett</i> , 2019 , 30, 1656-1661	2.2	3
450	Enantio- and Diastereoselective, Lewis Base Catalyzed, Cascade Sulferoacetalization of Alkenyl Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12486-12490	16.4	26
449	Lewis Base Activation of Silicon Lewis Acids 2019 , 333-415		1
448	Preparation of a Diisopropylselenophosphoramidate Catalyst and its Use in Enantioselective Sulferoetherification. <i>Organic Syntheses</i> , 2019 , 96, 400-417	1.2	2
447	()-'-Dimethyl-1,1'-binaphthyldiamine. <i>Organic Syntheses</i> , 2019 , 96, 382-399	1.2	
446	Catalytic, Enantioselective Diamination of Alkenes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19161-19170	16.4	37
445	Prediction of higher-selectivity catalysts by computer-driven workflow and machine learning. <i>Science</i> , 2019 , 363,	33.3	165
444	Enantioselective, Lewis Base-Catalyzed Sulferocyclization of Polyenes. <i>Journal of the American Chemical Society</i> , 2018 , 140, 3569-3573	16.4	72
443	Elucidating the Role of the Boronic Esters in the Suzuki-Miyaura Reaction: Structural, Kinetic, and Computational Investigations. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4401-4416	16.4	72

442	Organic Synthesis: Wherefrom and Whither? (Some Very Personal Reflections). <i>Israel Journal of Chemistry</i> , 2018 , 58, 61-72	3.4	10
441	Palladium/Rhodium Cooperative Catalysis for the Production of Aryl Aldehydes and Their Deuterated Analogues Using the Water-Gas Shift Reaction. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10362-10367	16.4	25
440	Palladium/Rhodium Cooperative Catalysis for the Production of Aryl Aldehydes and Their Deuterated Analogues Using the Water-Gas Shift Reaction. <i>Angewandte Chemie</i> , 2018 , 130, 10519-10524	3.6	4
439	Catalytic Nucleophilic Allylation Driven by the Water-Gas Shift Reaction. <i>Journal of Organic Chemistry</i> , 2018 , 83, 23-48	4.2	8
438	Investigating the Enantiodetermining Step of a Chiral Lewis Base Catalyzed Bromocycloetherification of Privileged Alkenes. <i>Synlett</i> , 2018 , 29, 433-439	2.2	11
437	Enantioselective, Lewis Base-Catalyzed Carbosulfenylation of Alkenylboronates by 1,2-Boronate Migration. <i>Journal of the American Chemical Society</i> , 2018 , 140, 15621-15625	16.4	57
436	Selective extraction of supported Rh nanoparticles under mild, non-acidic conditions with carbon monoxide. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 18075-18083	13	2
435	Synthesis, Reactivity, Functionalization, and ADMET Properties of Silicon-Containing Nitrogen Heterocycles. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6668-6684	16.4	43
434	Catalytic, Enantioselective, Intramolecular Sulfenofunctionalization of Alkenes with Phenols. <i>Journal of Organic Chemistry</i> , 2017 , 82, 3192-3222	4.2	54
433	Structural, Kinetic, and Computational Characterization of the Elusive Arylpalladium(II)boronate Complexes in the Suzuki-Miyaura Reaction. <i>Journal of the American Chemical Society</i> , 2017 , 139, 3805-3821	16.4	107
432	Synthesis of 2-Alkenyl-Tethered Anilines. <i>Synthesis</i> , 2017 , 49, 2873-2888	2.9	3
431	Catalytic, Enantioselective, Intramolecular Sulfenoamination of Alkenes with Anilines. <i>Journal of Organic Chemistry</i> , 2017 , 82, 3826-3843	4.2	43
430	Room Temperature, Reductive Alkylation of Activated Methylene Compounds: Carbon-Carbon Bond Formation Driven by the Rhodium-Catalyzed Water-Gas Shift Reaction. <i>ACS Catalysis</i> , 2017 , 7, 613-630	13.1	23
429	Unexpected Rearrangement of 2-Bromoaniline under Biphasic Alkylation Conditions. <i>Synlett</i> , 2017 , 28, 2891-2895	2.2	6
428	Structural, Mechanistic, Spectroscopic, and Preparative Studies on the Lewis Base Catalyzed, Enantioselective Sulfenofunctionalization of Alkenes. <i>Helvetica Chimica Acta</i> , 2017 , 100, e1700158	2	32
427	Understanding Site Selectivity in the Palladium-Catalyzed Cross-Coupling of Allenylsilanolates. <i>Synlett</i> , 2017 , 28, 2415-2420	2.2	
426	Ernest L. Eliel, a Physical Organic Chemist with the Right Tool for the Job: Rapid Injection Nuclear Magnetic Resonance. <i>ACS Symposium Series</i> , 2017 , 105-134	0.4	2
425	Summation 2016 , 1351-1354		

424	Mechanistic Options for the MoritaBaylisHillman Reaction (n?-?) 2016 , 191-232	2
423	Bifunctional Lewis Base Catalysis with Dual Activation of RM and C=O (n -?) 2016 , 339-386	
422	The CoreyBakshiShibata Reduction: Mechanistic and Synthetic Considerations Bifunctional Lewis Base Catalysis with Dual Activation 2016 , 387-456	10
421	Chiral Lewis Base Activation of Acyl and Related Donors in Enantioselective Transformations (n?-?) 2016 , 457-526	2
420	Catalytic Generation of Ammonium Enolates and Related Tertiary Amine-Derived Intermediates: Applications, Mechanism, and Stereochemical Models (n?-?) 2016 , 527-654	11
419	MoritaBaylisHillman, Vinylogous MoritaBaylisHillman, and RauhutCurrier Reactions 2016 , 655-714	2
418	Enamine-Mediated Catalysis (n?-?) 2016 , 857-902	3
417	SiX and SiEWG as Carbanion Equivalents under Lewis Base Activation (n?-?) 2016 , 903-966	
416	Activation of BB and BSi Bonds and Synthesis of Organoboron and Organosilicon Compounds through Lewis Base-Catalyzed Transformations (n?-?n *) 2016 , 967-1010	5
415	Lewis Base-Catalyzed Reactions of SiX 3-Based Reagents with C=O, C=N (n?-?) 2016 , 1011-1038	3
414	Lewis Bases as Catalysts in the Reduction of Imines and Ketones with Silanes (n?-?) 2016 , 1077-1112	4
413	Bifunctional Catalysis with Lewis Base and X-H Sites That Facilitate Proton Transfer or Hydrogen Bonding (n?-?) 2016 , 1259-1288	1
412	Thermodynamic Treatments of Lewis Basicity 2016 , 55-84	1
411	Quantitative Treatments of Nucleophilicity and Carbon Lewis Basicity 2016 , 85-118	1
410	Anhydride Activation by 4-Dialkylaminopyridines and Analogs (n -?) 2016 , 119-144	2
409	Mechanistic Understanding of Proline Analogs and Related Protic Lewis Bases (n?-?) 2016 , 145-190	
408	Mechanism of CBi Bond Cleavage Using Lewis Bases (n -?) 2016 , 233-280	6
407	Toward Catalytic, Enantioselective Chlorolactonization of 1,2-Disubstituted Styrenyl Carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2016 , 81, 10411-10423	4.2 24

406	From Catalysis to Lewis Base Catalysis with Highlights from 1806 to 1970 2016 , 1-30		1
405	Beyond the Morita-Baylis-Hillman Reaction (n ² -π) 2016 , 715-804		6
404	Iminium Catalysis (n ² -π) 2016 , 805-856		5
403	Catalysis with Stable Carbenes (n ² -π) 2016 , 1289-1350		
402	Non-invasive analysis of bovine embryo metabolites during in vitro embryo culture using nuclear magnetic resonance. <i>AIMS Bioengineering</i> , 2016 , 3, 538-551	3-4	1
401	Pre-transmetalation intermediates in the Suzuki-Miyaura reaction revealed: The missing link. <i>Science</i> , 2016 , 352, 329-32	33-3	195
400	Harnessing the Power of the Water-Gas Shift Reaction for Organic Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12164-89	16.4	52
399	Die Wassergas-Shift-Reaktion in der organischen Synthese. <i>Angewandte Chemie</i> , 2016 , 128, 12348-12374,6		17
398	Why You Really Should Consider Using Palladium-Catalyzed Cross-Coupling of Silanols and Silanolates. <i>Organic Process Research and Development</i> , 2015 , 19, 982-994	3.9	110
397	Mechanistic significance of the si-o-pd bond in the palladium-catalyzed cross-coupling reactions of alkenylsilanolates. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6192-9	16.4	21
396	Mechanistic significance of the si-o-pd bond in the palladium-catalyzed cross-coupling reactions of arylsilanolates. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6200-18	16.4	27
395	Development of a Phase-Transfer-Catalyzed, [2,3]-Wittig Rearrangement. <i>Journal of Organic Chemistry</i> , 2015 , 80, 11818-48	4.2	26
394	Development of Chiral Bis-hydrazone Ligands for the Enantioselective Cross-Coupling Reactions of Aryldimethylsilanolates. <i>Journal of Organic Chemistry</i> , 2015 , 80, 313-66	4.2	27
393	Catalytic, Stereoselective Dihalogenation of Alkenes: Challenges and Opportunities. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15642-82	16.4	118
392	Katalytische stereoselektive Dihalogenierung von Alkenen: Herausforderungen und Chancen. <i>Angewandte Chemie</i> , 2015 , 127, 15866-15909	3.6	28
391	Reinvestigation of a Catalytic, Enantioselective Alkene Dibromination and Chlorohydroxylation. <i>Organic Letters</i> , 2015 , 17, 5728-31	6.2	25
390	Redefining : quaternary ammonium cross sectional area (XSA) as a general descriptor for transport-limiting PTC rate approximations. <i>Chemical Science</i> , 2015 , 6, 2211-false	9-4	8
389	Catalytic, stereospecific syn-dichlorination of alkenes. <i>Nature Chemistry</i> , 2014 , 7, 146-52	17.6	130

388	Tandem [4+2]/[3+2] Cycloadditions 2014 , 471-550		5
387	Catalytic, enantioselective, intramolecular carbosulfenylation of olefins. Preparative and stereochemical aspects. <i>Journal of Organic Chemistry</i> , 2014 , 79, 140-71	4.2	55
386	Mechanistic, crystallographic, and computational studies on the catalytic, enantioselective sulfenofunctionalization of alkenes. <i>Nature Chemistry</i> , 2014 , 6, 1056-64	17.6	101
385	Catalytic, enantioselective, intramolecular carbosulfenylation of olefins. Mechanistic aspects: a remarkable case of negative catalysis. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3655-63	16.4	67
384	Catalytic conjugate addition of acyl anion equivalents promoted by fluorodesilylation. <i>Organic Letters</i> , 2014 , 16, 70-3	6.2	19
383	Enantioselective construction of quaternary stereogenic carbon atoms by the Lewis base catalyzed additions of silyl ketene imines to aldehydes. <i>Chemistry - A European Journal</i> , 2014 , 20, 9268-79	4.8	27
382	Catalytic, enantioselective sulfenylation of ketone-derived enoxysilanes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 13016-28	16.4	72
381	ExCage. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10669-82	16.4	106
380	Catalytic, nucleophilic allylation of aldehydes with 2-substituted allylic acetates: carbon-carbon bond formation driven by the water-gas shift reaction. <i>Journal of Organic Chemistry</i> , 2014 , 79, 5970-86	4.2	28
379	Development and mechanism of an enantioselective bromocycloetherification reaction via Lewis base/chiral Brønsted acid cooperative catalysis. <i>Chirality</i> , 2014 , 26, 344-55	2.1	26
378	Lewis base catalyzed, enantioselective, intramolecular sulfenoamination of olefins. <i>Journal of the American Chemical Society</i> , 2014 , 136, 8915-8	16.4	103
377	Asymmetric Construction of Quaternary Stereogenic Centers via Auxiliary-Based S _N 2 ¹ Reactions: A Case of 1,7-Relative Stereogenesis. <i>Heterocycles</i> , 2014 , 88, 559	0.8	2
376	Lewis Base Activation of Lewis Acids - Group 13. In Situ Generation and Reaction of Borenium Ions. <i>Organometallics</i> , 2013 , 32,	3.8	37
375	Lewis base catalysis of the Mukaiyama directed aldol reaction: 40 years of inspiration and advances. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9086-96	16.4	102
374	Iron-catalyzed cross-coupling of unactivated secondary alkyl thio ethers and sulfones with aryl Grignard reagents. <i>Journal of Organic Chemistry</i> , 2013 , 78, 12593-628	4.2	85
373	Organosilicon Compounds in Cross-Coupling Reactions 2013 , 475-532		2
372	Carbanion-accelerated Claisen rearrangements: asymmetric induction with chiral phosphorus-stabilized anions. <i>Journal of Organic Chemistry</i> , 2013 , 78, 66-82	4.2	20
371	A theoretical investigation on the mechanism and stereochemical course of the addition of (E)-2-butenyltrimethylsilane to acetaldehyde by electrophilic and nucleophilic activation. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4743-56	16.4	13

370	Catalytic, enantioselective, intramolecular carbosulfenylation of olefins. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6419-22	16.4	77
369	Lewis-Base-Katalyse der gerichteten Mukaiyama-Aldolreaktion: 40 Jahre Inspiration und Fortschritt. <i>Angewandte Chemie</i> , 2013 , 125, 9256-9266	3.6	30
368	Enantioselective bromocycloetherification by Lewis base/chiral Brønsted acid cooperative catalysis. <i>Organic Letters</i> , 2012 , 14, 256-9	6.2	172
367	On the stereochemical course of the addition of allylsilanes to aldehydes. <i>Tetrahedron</i> , 2012 , 68, 7701-7718	1.8	10
366	Silylketenimine – vielseitige Nucleophile für die katalytische asymmetrische Synthese. <i>Angewandte Chemie</i> , 2012 , 124, 10120-10132	3.6	32
365	Katalytische asymmetrische Halogenfunktionalisierung von Alkenen – eine kritische Betrachtung. <i>Angewandte Chemie</i> , 2012 , 124, 11098-11113	3.6	110
364	Silyl ketene imines: highly versatile nucleophiles for catalytic, asymmetric synthesis. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9980-92	16.4	74
363	Catalytic, asymmetric halofunctionalization of alkenes – a critical perspective. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10938-53	16.4	405
362	Total Synthesis of Papulacandin D. <i>Strategies and Tactics in Organic Synthesis</i> , 2012 , 8, 79-126	0.2	2
361	The Interplay of Invention, Observation, and Discovery in the Development of Lewis Base Activation of Lewis Acids for Catalytic Enantioselective Synthesis. <i>Topics in Organometallic Chemistry</i> , 2012 , 55-89	0.6	8
360	Effects of charge separation, effective concentration, and aggregate formation on the phase transfer catalyzed alkylation of phenol. <i>Journal of the American Chemical Society</i> , 2012 , 134, 13415-29	16.4	44
359	Lewis Base Catalyzed Enantioselective Additions of an N-Silyl Vinylketene Imine. <i>Angewandte Chemie</i> , 2012 , 124, 3290-3293	3.6	17
358	Lewis base catalyzed enantioselective additions of an N-silyl vinylketene imine. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3236-9	16.4	33
357	Cross-Coupling with Organosilicon Compounds 2011 , 213-746		20
356	A systematic investigation of quaternary ammonium ions as asymmetric phase-transfer catalysts. Synthesis of catalyst libraries and evaluation of catalyst activity. <i>Journal of Organic Chemistry</i> , 2011 , 76, 4260-336	4.2	90
355	Catalytic asymmetric thiofunctionalization of unactivated alkenes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15308-11	16.4	145
354	A systematic investigation of quaternary ammonium ions as asymmetric phase-transfer catalysts. Application of quantitative structure activity/selectivity relationships. <i>Journal of Organic Chemistry</i> , 2011 , 76, 4337-57	4.2	93
353	Selective cross-coupling of allylic silanolate salts with aromatic bromides using trialkylphosphonium tetrafluoroborate salts prepared directly from phosphineborane adducts. <i>Organic Letters</i> , 2011 , 13, 4596-9	6.2	26

352	Stereocontrolled total syntheses of isodomoic acids G and H via a unified strategy. <i>Journal of Organic Chemistry</i> , 2011 , 76, 201-15	4.2	24
351	Probing the Electronic Demands of Transmetalation in the Palladium-Catalyzed Cross-Coupling of Arylsilanolates. <i>Tetrahedron</i> , 2011 , 67, 4391-4396	2.4	23
350	Cross-Coupling Reactions of Alkenylsilanols with Fluoroalkylsulfonates: Development and Optimization of a Mild and Stereospecific Coupling Process. <i>Tetrahedron Letters</i> , 2011 , 52, 2165-2168	2	11
349	Discussion Addendum for: Palladium Catalyzed Cross-Coupling of (Z)-1-Heptenyldimethylsilanol with 4-Iodoanisole: (Z)-(1-Heptenyl)-4-Methoxybenzene 2011 , 102-108		3
348	N-silyl oxyketene imines are underused yet highly versatile reagents for catalytic asymmetric synthesis. <i>Nature Chemistry</i> , 2010 , 2, 937-43	17.6	58
347	Construction of Quaternary Stereogenic Carbon Centers by the Lewis Base Catalyzed Conjugate Addition of Silyl Ketene Imines to α -Unsaturated Aldehydes and Ketones. <i>Synlett</i> , 2010 , 2010, 1723-1728	2.2	34
346	Preparative and mechanistic studies toward the rational development of catalytic, enantioselective selenoetherification reactions. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15752-65	16.4	130
345	On the stereochemical course of palladium-catalyzed cross-coupling of allylic silanolate salts with aromatic bromides. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3612-20	16.4	57
344	Design, validation, and implementation of a rapid-injection NMR system. <i>Journal of Organic Chemistry</i> , 2010 , 75, 5558-72	4.2	34
343	Development of a general, sequential, ring-closing metathesis/intramolecular cross-coupling reaction for the synthesis of polyunsaturated macrolactones. <i>Journal of the American Chemical Society</i> , 2010 , 132, 11768-78	16.4	49
342	On the absolute configurational stability of bromonium and chloronium ions. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1232-3	16.4	149
341	Deconstructing Quinine. Part 1. Toward an Understanding of the Remarkable Performance of Cinchona Alkaloids in Asymmetric Phase Transfer Catalysis. <i>Heterocycles</i> , 2010 , 82, 1527	0.8	28
340	Mechanistic duality in palladium-catalyzed cross-coupling reactions of aryl(dimethyl)silanolates. intermediacy of an 8-Si-4 arylpalladium(II) silanolate. <i>Journal of the American Chemical Society</i> , 2010 , 132, 1243-5	16.4	32
339	Lewis base catalysis of bromo- and iodolactonization, and cycloetherification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 20655-60	11.5	207
338	Sequential Processes in Palladium-Catalyzed Silicon-Based Cross-Coupling. <i>Israel Journal of Chemistry</i> , 2010 , 50, 577-587	3.4	10
337	Total Synthesis of (+)-Papulacandin D. <i>Tetrahedron</i> , 2010 , 66, 4745-4759	2.4	67
336	Catalytic, Enantioselective Aldol Additions to Ketones.. <i>ChemInform</i> , 2010 , 33, 24-24		
335	Silicon-based cross-coupling reactions in the total synthesis of natural products. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 2978-86	16.4	197

334	Organocerium additions to proline-derived hydrazones: synthesis of enantiomerically enriched amines. <i>Tetrahedron: Asymmetry</i> , 2010 , 21, 1278-1302		16
333	Preface to Special Issue of HETEROCYCLES - Honoring the 85th Birthday of Prof. Dr. Albert Eschenmoser. <i>Heterocycles</i> , 2010 , 82, 5	0.8	1
332	Synthesis and reactivity of enantiomerically enriched thiiranium ions. <i>Chemistry - A European Journal</i> , 2009 , 15, 11737-45	4.8	101
331	Preparation of 2,3-Disubstituted Indoles by Sequential Larock Heteroannulation and Silicon-Based Cross-Coupling Reactions. <i>Tetrahedron</i> , 2009 , 65, 3120-3129	2.4	39
330	Tandem double intramolecular [4+2]/[3+2] cycloadditions of nitroalkenes: construction of the pentacyclic core structure of daphnilactone B. <i>Tetrahedron</i> , 2009 , 65, 6535-6548	2.4	59
329	Cross-coupling reactions of aromatic and heteroaromatic silanolates with aromatic and heteroaromatic halides. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3104-18	16.4	130
328	Total syntheses of isodomoic acids G and H. <i>Journal of the American Chemical Society</i> , 2009 , 131, 14188-9	16.4	50
327	On the mechanism of Lewis base catalyzed aldol addition reactions: kinetic and spectroscopic investigations using rapid-injection NMR. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11770-87	16.4	61
326	Observation of direct sulfenium and selenenium group transfer from thiiranium and seleniranium ions to alkenes. <i>Journal of the American Chemical Society</i> , 2009 , 131, 3490-2	16.4	98
325	Palladium- (and nickel-) catalyzed vinylation of aryl halides. <i>Chemical Communications</i> , 2009 , 20-33	5.8	70
324	Catalytic, nucleophilic allylation of aldehydes with allyl acetate. <i>Organic Letters</i> , 2009 , 11, 781-4	6.2	52
323	The interplay of invention, discovery, development, and application in organic synthetic methodology: a case study. <i>Journal of Organic Chemistry</i> , 2009 , 74, 2915-27	4.2	94
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