

# Jin-Pei Cheng

## List of Publications by Year in descending order

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144  
papers

6,282  
citations

57719

44  
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85498

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147  
docs citations

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times ranked

5866  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Essential Role of Bond Energetics in C-H Activation/Functionalization. <i>Chemical Reviews</i> , 2017, 117, 8622-8648.	23.0	369
2	Hydride, Hydrogen Atom, Proton, and Electron Transfer Driving Forces of Various Five-Membered Heterocyclic Organic Hydrides and Their Reaction Intermediates in Acetonitrile. <i>Journal of the American Chemical Society</i> , 2008, 130, 2501-2516.	6.6	309
3	Magnetic nanoparticle supported ionic liquid catalysts for CO <sub>2</sub> cycloaddition reactions. <i>Green Chemistry</i> , 2009, 11, 455.	4.6	236
4	Homolytic bond dissociation energies in solution from equilibrium acidity and electrochemical data. <i>Journal of the American Chemical Society</i> , 1988, 110, 1229-1231.	6.6	233
5	Phosphoric Acid Catalyzed Asymmetric 1,6-Conjugate Addition of Thioacetic Acid to <i>para</i> -Quinone Methides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1460-1464.	7.2	202
6	An Acidity Scale of 1,3-Dialkylimidazolium Salts in Dimethyl Sulfoxide Solution. <i>Journal of Organic Chemistry</i> , 2007, 72, 7790-7793.	1.7	188
7	Bond dissociation energies of the nitrogen-hydrogen bonds in anilines and in the corresponding radical anions. Equilibrium acidities of aniline radical cations. <i>Journal of Organic Chemistry</i> , 1993, 58, 6410-6416.	1.7	156
8	Physical Organic Study of Structure-Activity-Enantioselectivity Relationships in Asymmetric Bifunctional Thiourea Catalysis: Hints for the Design of New Organocatalysts. <i>Chemistry - A European Journal</i> , 2010, 16, 450-455.	1.7	121
9	Holistic Prediction of the $pK_a$ in Diverse Solvents Based on a Machine Learning Approach. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19282-19291.	7.2	116
10	Asymmetric Michael Addition Reaction of 3-Substituted Oxindoles to Nitroolefins Catalyzed by a Chiral Alkyl-Substituted Thiourea Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 416-424.	2.1	109
11	Atroposelective Catalytic Asymmetric Allylic Alkylation Reaction for Axially Chiral Anilides with Achiral Morita-Baylis-Hillman Carbonates. <i>Journal of the American Chemical Society</i> , 2018, 140, 12836-12843.	6.6	108
12	Squaramide Equilibrium Acidities in DMSO. <i>Organic Letters</i> , 2014, 16, 1786-1789.	2.4	106
13	Direct C-H difluoromethylation of heterocycles via organic photoredox catalysis. <i>Nature Communications</i> , 2020, 11, 638.	5.8	103
14	Magnetic Nanoparticle-Supported Morita-Baylis-Hillman Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2431-2434.	2.1	98
15	Energetics of Multistep versus One-step Hydride Transfer Reactions of Reduced Nicotinamide Adenine Dinucleotide (NADH) Models with Organic Cations and <i>p</i> -Quinones. <i>Journal of Organic Chemistry</i> , 1998, 63, 6108-6114.	1.7	94
16	Heterolytic and Homolytic Y-NO Bond Energy Scales of Nitroso-Containing Compounds: A Chemical Origin of NO Release and NO Capture. <i>Journal of the American Chemical Society</i> , 1998, 120, 10266-10267.	6.6	80
17	Quantitative Scale for the Trifluoromethylthio Cation-Donating Ability of Electrophilic Trifluoromethylthiolating Reagents. <i>Organic Letters</i> , 2016, 18, 264-267.	2.4	77
18	Mechanisms of the Oxidations of NAD(P)H Model Hantzsch 1,4-Dihydropyridines by Nitric Oxide and Its Donor <i>N</i> -Methyl- <i>N</i> -nitrosotoluene- <i>p</i> -sulfonamide. <i>Journal of Organic Chemistry</i> , 2000, 65, 8158-8163.	1.7	74

#	ARTICLE	IF	CITATIONS
19	Establishing Cation and Radical Donor Ability Scales of Electrophilic F, CF <sub>3</sub> , and SCF <sub>3</sub> Transfer Reagents. <i>Accounts of Chemical Research</i> , 2020, 53, 182-197.	7.6	70
20	Mechanism and Selectivity of Bioinspired Cinchona Alkaloid Derivatives Catalyzed Asymmetric Olefin Isomerization: A Computational Study. <i>Journal of the American Chemical Society</i> , 2013, 135, 7462-7473.	6.6	69
21	Equilibrium Acidities and Homolytic Bond Dissociation Energies (BDEs) of the Acidic H <sup>+</sup> N Bonds in Hydrazines and Hydrazides. <i>Journal of the American Chemical Society</i> , 1997, 119, 9125-9129.	6.6	66
22	Catalytic Asymmetric Synthesis of Chiral Benzofuranones. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1172-1198.	2.1	63
23	Organocatalytic Asymmetric Sequential 1,6-Addition/Acetalization of 1-Oxotetralin-2-carbaldehyde to <i>ortho</i> -Hydroxyphenyl-Substituted <i>para</i> -Quinone Methides for Synthesis of Spiro-3,4-dihydrocoumarins. <i>Journal of Organic Chemistry</i> , 2018, 83, 2714-2724.	1.7	62
24	Acidities of radical cations derived from arylacetonitriles. <i>Journal of Physical Organic Chemistry</i> , 1988, 1, 209-223.	0.9	61
25	Mechanism of Silver-Mediated Geminal Difluorination of Styrenes with a Fluoroiodane Reagent: Insights into Lewis-Acid-Activation Model. <i>Organic Letters</i> , 2016, 18, 6128-6131.	2.4	59
26	Heterolytic and Homolytic N-H Bond Dissociation Energies of 4-Substituted Hantzsch 2,6-Dimethyl-1,4-dihydropyridines and the Effect of One-Electron Transfer on the N-H Bond Activation. <i>Journal of Organic Chemistry</i> , 2000, 65, 3853-3857.	1.7	58
27	Metal-Free Direct C-H Cyanoalkylation of Quinoxalin-2(1H)-Ones by Organic Photoredox Catalysis. <i>Journal of Organic Chemistry</i> , 2019, 84, 7786-7795.	1.7	58
28	N-NO Bond Dissociation Energies of N-Nitroso Diphenylamine Derivatives (Or Analogues) and Their Radical Anions: Implications for the Effect of Reductive Electron Transfer on N-NO Bond Activation and for the Mechanisms of NO Transfer to Nitranions. <i>Journal of Organic Chemistry</i> , 2000, 65, 6729-6735.	1.7	56
29	Chiral Biscinchona Alkaloid Promoted Asymmetric Allylic Alkylation of 3-Substituted Benzofuran-2(3 <i>H</i> )-ones with Morita-Baylis-Hillman Carbonates. <i>Journal of Organic Chemistry</i> , 2011, 76, 5838-5845.	1.7	56
30	Organocatalytic Three-Component Reactions of Pyruvate, Aldehyde and Aniline by Hydrogen Bonding Catalysts. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 4350-4356.	1.2	54
31	Chemoselective catalytic hydrodefluorination of trifluoromethylalkenes towards mono-/gem-difluoroalkenes under metal-free conditions. <i>Nature Communications</i> , 2021, 12, 2835.	5.8	54
32	Highly Enantioselective Michael Addition Reactions of 3-Substituted Benzofuran-2(3 <i>H</i> )-ones to Chalcones Catalyzed by a Chiral Alkyl-Substituted Thiourea. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1097-1101.	2.1	53
33	9,10-Dicyanoanthracene Catalyzed Decarboxylative Alkynylation of Carboxylic Acids under Visible-Light Irradiation. <i>Journal of Organic Chemistry</i> , 2016, 81, 12357-12363.	1.7	53
34	Mechanism and Origins of Enantioselectivities in Spirobiindane-Based Hypervalent Iodine(III)-Induced Asymmetric Dearomatizing Spirolactonizations. <i>Journal of the American Chemical Society</i> , 2019, 141, 16046-16056.	6.6	52
35	Enantioselective Synthesis of Dihydropyran-Fused Indoles through [4+2] Cycloaddition between Allenates and 3-Olefinic Oxindoles. <i>Journal of Organic Chemistry</i> , 2015, 80, 5279-5286.	1.7	51
36	Comprehensive Energetic Scale for Quantitatively Estimating the Fluorinating Potential of N-F Reagents in Electrophilic Fluorinations. <i>Journal of Organic Chemistry</i> , 2016, 81, 4280-4289.	1.7	50

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37	Asymmetric Synthesis of Axially Chiral Phosphamides via Atroposelective <i>N</i> -Allylic Alkylation. ACS Catalysis, 2020, 10, 2324-2333.	5.5	50
38	Synthesis of Optically Enriched Spirocyclic Benzofuranones by Bifunctional Thiourea-Base Catalyzed Double-Michael Addition of Benzofuranones to Dienones. Chemistry - an Asian Journal, 2013, 8, 997-1003.	1.7	48
39	An Energetic Guide for Estimating Trifluoromethyl Cation Donor Abilities of Electrophilic Trifluoromethylating Reagents: Computations of $X-CF_3$ Bond Heterolytic Dissociation Enthalpies. Journal of Organic Chemistry, 2016, 81, 3119-3126.	1.7	48
40	Exploration of the Synthetic Potential of Electrophilic Trifluoromethylthiolating and Difluoromethylthiolating Reagents. Angewandte Chemie - International Edition, 2018, 57, 12690-12695.	7.2	48
41	Asymmetric Conjugate Addition of Benzofuranones to Alkyl 2-Phthalimidoacrylates: Modeling Structure-Stereoselectivity Relationships with Steric and Electronic Parameters. Angewandte Chemie - International Edition, 2016, 55, 6506-6510.	7.2	47
42	Phosphoric Acid Catalyzed Asymmetric 1,6-Conjugate Addition of Thioacetic Acid to <i>para</i> -Quinone Methides. Angewandte Chemie, 2016, 128, 1482-1486.	1.6	47
43	Computation of pKa Values of Substituted Aniline Radical Cations in Dimethylsulfoxide Solution. Journal of Physical Chemistry A, 2007, 111, 9978-9987.	1.1	46
44	Standard pKa Scales of Carbon-Centered Indicator Acids in Ionic Liquids: Effect of Media and Structural Implication. Journal of Organic Chemistry, 2012, 77, 7291-7298.	1.7	45
45	Mechanism and Origin of the Unexpected Chemoselectivity in Fluorocyclization of <i>o</i> -Styryl Benzamides with a Hypervalent Fluoroiodane Reagent. Journal of Organic Chemistry, 2016, 81, 9006-9011.	1.7	45
46	Weakly Polar Aprotic Ionic Liquids Acting as Strong Dissociating Solvent: A Typical $\alpha$ -Ionic Liquid Effect Revealed by Accurate Measurement of Absolute $pK_a$ of Ylide Precursor Salts. Journal of the American Chemical Society, 2016, 138, 5523-5526.	6.6	44
47	Ordering the relative power of electrophilic fluorinating, trifluoromethylating, and trifluoromethylthiolating reagents: A summary of recent efforts. Tetrahedron Letters, 2018, 59, 1278-1285.	0.7	44
48	Recent Advances and Advisable Applications of Bond Energetics in Organic Chemistry. Journal of the American Chemical Society, 2018, 140, 8611-8623.	6.6	44
49	Visible-Light-Triggered Cyanoalkylation of <i>para</i> -Quinone Methides and Its Application to the Synthesis of GPR40 Agonists. Organic Letters, 2019, 21, 4137-4142.	2.4	43
50	Effects of Adjacent Onium Cations and Remote Substituents on the $H^+ A^+$ Bond Equilibrium Acidities in Dimethyl Sulfoxide Solution. An Extensive Ylide Thermodynamic Stability Scale and Implication for the Importance of Resonance Effect on Ylide Stabilities. Journal of Organic Chemistry, 1999, 64, 604-610.	1.7	41
51	Standard and Absolute $pK_a$ Scales of Substituted Benzoic Acids in Room Temperature Ionic Liquids. Journal of Organic Chemistry, 2013, 78, 12487-12493.	1.7	41
52	Access to P-chiral phosphine oxides by enantioselective allylic alkylation of bisphenols. Chemical Science, 2019, 10, 4322-4327.	3.7	41
53	Acidities of radical cations derived from cyclopentadienes and 3-aryl-1,1,5,5-tetraphenyl-1,4-pentadienes. Journal of the American Chemical Society, 1988, 110, 2872-2877.	6.6	40
54	On the Direction and Magnitude of Radical Substituent Effects: The Role of Polar Interaction on Thermodynamic Stabilities of Benzylic $C-H$ Bonds and Related Carbon Radicals. Journal of Organic Chemistry, 2001, 66, 1466-1472.	1.7	40

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55	Chiral Primary Amine-Polyoxometalate Acid Hybrids as Asymmetric Recoverable Iminium-Based Catalysts. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4486-4493.	1.2	40
56	Asymmetric Michael Addition Reactions between 3-Substituted Benzofuran-2(3 <i>H</i> )-ones and 1,1-Bis(phenylsulfonyl)ethylene Catalyzed by Bifunctional Catalysts Containing Tertiary Amine and Thiourea Groups. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1774-1782.	1.2	40
57	A Systematic Evaluation of the N-F Bond Strength of Electrophilic N-F Reagents: Hints for Atomic Fluorine Donating Ability. <i>Journal of Organic Chemistry</i> , 2017, 82, 4129-4135.	1.7	40
58	B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> /Chiral Phosphoric Acid Catalyzed Ketimine-Ene Reaction of 2-Aryl-3-Indolones and $\alpha$ -Methylstyrenes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4550-4556.	2.59	40
59	An Old but Simple and Efficient Method to Elucidate the Oxidation Mechanism of NAD(P)H Model 1-Aryl-1,4-dihydronicotinamides by Cations 2-Methyl-5-nitroisoquinolium, Tropylium, and Xanthylium in Aqueous Solution. <i>Journal of Organic Chemistry</i> , 2001, 66, 370-375.	1.7	38
60	An Acidity Scale of Triazolium-Based NHC Precursors in DMSO. <i>Journal of Organic Chemistry</i> , 2017, 82, 9675-9681.	1.7	38
61	Origin of Stereoselectivity of the Photoinduced Asymmetric Phase-Transfer-Catalyzed Perfluoroalkylation of $\beta$ -Ketoesters. <i>Journal of Organic Chemistry</i> , 2017, 82, 9321-9327.	1.7	36
62	Theoretical Prediction of the Hydride Affinities of Various <i>p</i> - and <i>o</i> -Quinones in DMSO. <i>Journal of Organic Chemistry</i> , 2007, 72, 945-956.	1.7	35
63	Mechanism and Origins of Stereoinduction in Natural Cinchona Alkaloid Catalyzed Asymmetric Electrophilic Trifluoromethylthiolation of $\beta$ -Keto Esters with <i>N</i> -Trifluoromethylthiophthalimide as Electrophilic SCF <sub>3</sub> Source. <i>ACS Catalysis</i> , 2017, 7, 7977-7986.	5.5	35
64	Homolytic Cleavage Energies of C-H Bonds Centered on Carbon Atoms of High Electronegativity: A First General Observations of $\alpha$ -type Variation on C-H BDEs and the Implication for the Governing Factors Leading to the Distinct O/SPatterns of Radical Substituent Effects. <i>Journal of the American Chemical Society</i> , 2000, 122, 9987-9992.	6.6	34
65	A detailed investigation into the oxidation mechanism of Hantzsch 1,4-dihydropyridines by ethyl $\alpha$ -cyanocinnamates and benzylidenemalononitriles. <i>Perkin Transactions II RSC</i> , 2000, , 1857-1861.	1.1	33
66	Chiral Primary Amine Catalyzed Asymmetric Epoxidation of $\alpha$ -Substituted Acroleins. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 6840-6849.	1.2	32
67	An asymmetric allylic alkylation reaction of 3-alkylidene oxindoles. <i>Chemical Communications</i> , 2015, 51, 14342-14345.	2.2	32
68	Theoretical study of Lewis acid activation models for hypervalent fluoroiodane reagent: The generality of the F-coordination-activation model. <i>Tetrahedron Letters</i> , 2017, 58, 1287-1291.	0.7	32
69	Functionalized Chiral Ionic Liquid Catalyzed Asymmetric S <sub>N</sub> 1 $\alpha$ -Alkylation of Ketones and Aldehydes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4876-4885.	1.2	31
70	Amination of 3-Substituted Benzofuran-2(3 <i>H</i> )-ones Triggered by Single-Electron Transfer. <i>Organic Letters</i> , 2016, 18, 1036-1039.	2.4	31
71	Understanding the role of thermodynamics in catalytic imine reductions. <i>Chemical Society Reviews</i> , 2019, 48, 2913-2926.	18.7	31
72	Holistic Prediction of the $pK_a$ in Diverse Solvents Based on a Machine Learning Approach. <i>Angewandte Chemie</i> , 2020, 132, 19444-19453.	1.6	31

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73	Establishing the Trifluoromethylthio Radical Donating Abilities of Electrophilic SCF <sub>3</sub> -Transfer Reagents. <i>Journal of Organic Chemistry</i> , 2017, 82, 8697-8702.	1.7	29
74	A Nucleophilicity Scale for the Reactivity of Diazaphospholenium Hydrides: Structural Insights and Synthetic Applications. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5983-5987.	7.2	29
75	Organic Photocatalytic Cyclization of Polyenes: A Visible-Light-Mediated Radical Cascade Approach. <i>Chemistry - A European Journal</i> , 2015, 21, 14723-14727.	1.7	28
76	Enantioselective Organocatalyzed Vinyllogous Michael Reactions of 3-Alkylidene Oxindoles with Enals. <i>Journal of Organic Chemistry</i> , 2017, 82, 1412-1419.	1.7	26
77	A Systematic Assessment of Trifluoromethyl Radical Donor Abilities of Electrophilic Trifluoromethylating Reagents. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 235-240.	1.3	26
78	<i>tert</i> -Butyl Sulfinyl Squaramide Receptors for Anion Recognition through Assisted <i>tert</i> -Butyl C-H Hydrogen Bonding. <i>Journal of Organic Chemistry</i> , 2017, 82, 8662-8667.	1.7	26
79	Equilibrium Acidities of Proline Derived Organocatalysts in DMSO. <i>Organic Letters</i> , 2015, 17, 1196-1199.	2.4	25
80	Access to <i>P</i> -stereogenic compounds via desymmetrizing enantioselective bromination. <i>Chemical Science</i> , 2021, 12, 4582-4587.	3.7	25
81	Catalytic Asymmetric Aza-Diels-Alder Reaction of Ketimines and Unactivated Dienes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17608-17614.	7.2	25
82	The First O-NO Bond Energy Scale in Solution: Heterolytic and Homolytic Cleavage Enthalpies of O-Nitrosyl Carboxylate Compounds. <i>Organic Letters</i> , 2000, 2, 265-268.	2.4	23
83	A Facile Aqueous Synthesis of Bis(indolyl)alkanes Catalyzed by Dodecylbenzenesulfonic Acid. <i>Chinese Journal of Chemistry</i> , 2008, 26, 2228-2232.	2.6	23
84	Chiral Amine-Polyoxometalate Hybrids as Recoverable Asymmetric Enamine Catalysts under Neat and Aqueous Conditions. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 132-140.	1.2	23
85	Bi(III)-Catalyzed Enantioselective Allylation Reactions of Ketimines. <i>IScience</i> , 2019, 16, 511-523.	1.9	23
86	Brønsted Basicities and Nucleophilicities of N-Heterocyclic Olefins in Solution: N-Heterocyclic Carbene versus N-Heterocyclic Olefin. Which Is More Basic, and Which Is More Nucleophilic?. <i>Journal of Organic Chemistry</i> , 2021, 86, 2974-2985.	1.7	23
87	Double-Line Hammett Relationship Revealed through Precise Acidity Measurement of Benzenethiols in Neat Ionic Media: A Typical Ionic Liquid Effect?. <i>Organic Letters</i> , 2014, 16, 5744-5747.	2.4	22
88	A Highly Efficient Chirality Switchable Synthesis of Dihydropyran-Fused Benzofurans by Fine-Tuning the Phenolic Proton of 1- <i>isocupreidine</i> (1-ICD) Catalyst with Methyl. <i>Chemistry - A European Journal</i> , 2015, 21, 10443-10449.	1.7	22
89	Enantioselective Allylation of Oxocarbenium Ions Catalyzed by Bi(OAc) <sub>3</sub> /Chiral Phosphoric Acid. <i>ACS Catalysis</i> , 2020, 10, 8069-8076.	5.5	22
90	Is Amine a Stronger Base in Ionic Liquid Than in Common Molecular Solvent? An Accurate Basicity Scale of Amines. <i>Journal of Organic Chemistry</i> , 2015, 80, 8384-8389.	1.7	21

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91	Synthesis of porous polymer/tissue paper hybrid membranes for switchable oil/water separation. <i>Scientific Reports</i> , 2017, 7, 3101.	1.6	21
92	CO <sub>2</sub> Absorption by DBU-Based Protic Ionic Liquids: Basicity of Anion Dictates the Absorption Capacity and Mechanism. <i>Frontiers in Chemistry</i> , 2018, 6, 658.	1.8	20
93	Diazaphosphinyl radical-catalyzed deoxygenation of $\alpha$ -carboxy ketones: a new protocol for chemo-selective C=O bond scission via mechanism regulation. <i>Chemical Science</i> , 2020, 11, 8476-8481.	3.7	20
94	Diazaphosphinanes as hydride, hydrogen atom, proton or electron donors under transition-metal-free conditions: thermodynamics, kinetics, and synthetic applications. <i>Chemical Science</i> , 2020, 11, 3672-3679.	3.7	20
95	Toward Prediction of the Chemistry in Ionic Liquids: An Accurate Computation of Absolute p <i>K</i> Values of Benzoic Acids and Benzenethiols. <i>Journal of Organic Chemistry</i> , 2015, 80, 8997-9006.	1.7	19
96	Study on the Catalytic Behavior of Bifunctional Hydrogen-Bonding Catalysts Guided by Free Energy Relationship Analysis of Steric Parameters. <i>Chemistry - A European Journal</i> , 2017, 23, 5488-5497.	1.7	19
97	Kinetic, thermodynamic and mechanistic studies on the reduction of carbenium ions by NAD(P)H analogues. <i>Journal of Physical Organic Chemistry</i> , 1997, 10, 577-584.	0.9	18
98	Design and Applications of <i>N</i> - <i>tert</i> -Butyl Sulfinyl Squaramide Catalysts. <i>Organic Letters</i> , 2017, 19, 1926-1929.	2.4	18
99	Exploiting the radical reactivity of diazaphosphinanes in hydrodehalogenations and cascade cyclizations. <i>Chemical Science</i> , 2020, 11, 4786-4790.	3.7	17
100	Equilibrium Acidities and Homolytic Bond Dissociation Enthalpies of the Acidic C-H Bonds in As-Substituted Triphenylarsonium and Related Cations. <i>Journal of Organic Chemistry</i> , 1998, 63, 7072-7077.	1.7	16
101	Asymmetric Conjugate Addition of Benzofuranones to Alkyl Phthalimidoacrylates: Modeling Structure-Stereoselectivity Relationships with Steric and Electronic Parameters. <i>Angewandte Chemie</i> , 2016, 128, 6616-6620.	1.6	16
102	Unexpected solvation-stabilisation of ions in a protic ionic liquid: insights disclosed by a bond energetic study. <i>Chemical Science</i> , 2018, 9, 3538-3543.	3.7	16
103	Predicting Absolute Rate Constants for Huisgen Reactions of Unsaturated Iminium Ions with Diazoalkanes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12527-12533.	7.2	15
104	Toward Rational Understandings of $\alpha$ -C-H Functionalization: Energetic Studies of Representative Tertiary Amines. <i>Science</i> , 2020, 23, 100851.	1.9	15
105	Access to Axially and Centrally Chiral Sulfinamides via Asymmetric Allylic Alkylation. <i>Organic Letters</i> , 2021, 23, 3997-4001.	2.4	15
106	Electrochemical behaviour of ferrocenyl-containing acyl thiourea derivatives. <i>Transition Metal Chemistry</i> , 1997, 22, 281-283.	0.7	14
107	Equilibrium acidities and homolytic bond dissociation enthalpies of <i>m</i> - and <i>p</i> -substituted benzaldoximes and phenyl methyl ketoximes. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 10-14.	0.9	13
108	Is NO (Nitric Oxide) an Electron Acceptor or an Electrophile? A Detailed Thermodynamic Investigation on the Mechanisms of NO-Initiated Reactions with 3,6-Dibromocarbazolidine Anion and Related Carbanion. <i>Journal of Organic Chemistry</i> , 1999, 64, 4187-4190.	1.7	13

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109	Ytterbium Triflate Catalyzed Reactions of Epoxide with Nitrogen Heterocycles Under Solvent-Free Condition. <i>Synthetic Communications</i> , 2003, 33, 2989-2994.	1.1	13
110	Absolute pK <sub>a</sub> s of Sulfonamides in Ionic Liquids: Comparisons to Molecular Solvents. <i>Journal of Organic Chemistry</i> , 2016, 81, 11195-11200.	1.7	13
111	Dynamic Kinetic Resolution of Axially Chiral Naphthamides via Atroposelective Allylic Alkylation Reaction. <i>Organic Letters</i> , 2019, 21, 5495-5499.	2.4	13
112	The Acidities of Nucleophilic Monofluoromethylation Reagents: An Anomalous $\delta$ -Fluorine Effect. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9401-9406.	7.2	13
113	Diazaphospholene-Catalyzed Hydrodefluorination of Polyfluoroarenes with Phenylsilane via Concerted Nucleophilic Aromatic Substitution. <i>Journal of Organic Chemistry</i> , 2022, 87, 294-300.	1.7	13
114	Recent Progress in Equilibrium Acidity Studies of Organocatalysts. <i>Synlett</i> , 2019, 30, 1940-1949.	1.0	12
115	Quadruple hydrogen bonded self-assemblies of 5,5'-bis(diazo-dipyrromethane). <i>CrystEngComm</i> , 2008, 10, 957.	1.3	11
116	Equilibrium acidities of BINOL type chiral phenolic hydrogen bonding donors in DMSO. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1154-1158.	2.3	11
117	Chirality Sensing of $\delta$ -Hydroxyphosphonates by <i>tert</i> -Butyl Sulfinyl Squaramide. <i>Organic Letters</i> , 2017, 19, 4191-4194.	2.4	11
118	Origin of Stereocontrol in Photoredox Organocatalysis of Asymmetric $\delta$ -Functionalizations of Aldehydes. <i>Journal of Organic Chemistry</i> , 2018, 83, 3333-3338.	1.7	11
119	N-Heterocyclic carbene promoted enantioselective desymmetrization reaction of diarylalkane-bisphenols. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1101-1107.	2.3	11
120	Synthesis Of A New Series Of Cyclic Pseudopeptides Containing Pyridine As Backbone Modifier. <i>Synthetic Communications</i> , 1998, 28, 4639-4647.	1.1	10
121	Equilibrium acidities of cinchona alkaloid organocatalysts bearing 6'-hydrogen bonding donors in DMSO. <i>Organic Chemistry Frontiers</i> , 2016, 3, 170-176.	2.3	10
122	Quantification of the Activation Capabilities of Lewis/Brønsted Acid for Electrophilic Trifluoromethylthiolating Reagents. <i>Chinese Journal of Chemistry</i> , 2020, 38, 130-134.	2.6	10
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