

# Herbert Mayr

## List of Publications by Year in descending order

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435  
papers

21,655  
citations

10351

72  
h-index

19690

117  
g-index

518  
all docs

518  
docs citations

518  
times ranked

9637  
citing authors

#	ARTICLE	IF	CITATIONS
1	Œ-Nucleophilicity in Carbon-Carbon Bond-Forming Reactions. <i>Accounts of Chemical Research</i> , 2003, 36, 66-77.	7.6	927
2	Scales of Nucleophilicity and Electrophilicity: A System for Ordering Polar Organic and Organometallic Reactions. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 938-957.	4.4	648
3	Reference Scales for the Characterization of Cationic Electrophiles and Neutral Nucleophiles. <i>Journal of the American Chemical Society</i> , 2001, 123, 9500-9512.	6.6	636
4	Do general nucleophilicity scales exist?. <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 584-595.	0.9	291
5	Nucleophilic Reactivities of Indoles. <i>Journal of Organic Chemistry</i> , 2006, 71, 9088-9095.	1.7	281
6	The DMAP-Catalyzed Acetylation of Alcohols: A Mechanistic Study (DMAP=4-(Dimethylamino)pyridine). <i>Chemistry - A European Journal</i> , 2005, 11, 4751-4757.	1.7	269
7	Nucleophilie- und Elektrophilieskalen als Ordnungsprinzipien polarer organischer und metallorganischer Reaktionen. <i>Angewandte Chemie</i> , 1994, 106, 990-1010.	1.6	263
8	Nucleophilicities of Primary and Secondary Amines in Water. <i>Journal of Organic Chemistry</i> , 2007, 72, 3679-3688.	1.7	255
9	Kinetics of electrophile-nucleophile combinations: A general approach to polar organic reactivity. <i>Pure and Applied Chemistry</i> , 2005, 77, 1807-1821.	0.9	249
10	Farewell to the HSAB Treatment of Ambident Reactivity. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6470-6505.	7.2	244
11	Solvent Nucleophilicity. <i>Journal of the American Chemical Society</i> , 2004, 126, 5174-5181.	6.6	229
12	Kinetic Studies of Carbocation-Carbanion Combinations: Key to a General Concept of Polar Organic Reactivity. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 91-95.	7.2	207
13	Kinetics of the reactions of allylsilanes, allylgermanes, and allylstannanes with carbenium ions. <i>Journal of the American Chemical Society</i> , 1991, 113, 4954-4961.	6.6	198
14	How Constant Are Ritchie's "Constant Selectivity Relationships"? A General Reactivity Scale for n-, Œ-, and Œf-Nucleophiles. <i>Journal of the American Chemical Society</i> , 2003, 125, 286-295.	6.6	188
15	Structure-Nucleophilicity Relationships for Enamines. <i>Chemistry - A European Journal</i> , 2003, 9, 2209-2218.	1.7	177
16	N-Heterocyclic Carbenes: Organocatalysts with Moderate Nucleophilicity but Extraordinarily High Lewis Basicity. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6915-6919.	7.2	174
17	Quantification and Theoretical Analysis of the Electrophilicities of Michael Acceptors. <i>Journal of the American Chemical Society</i> , 2017, 139, 13318-13329.	6.6	168
18	Photo-heterolysis and -homolysis of substituted diphenylmethyl halides, acetates, and phenyl ethers in acetonitrile: characterization of diphenylmethyl cations and radicals generated by 248-nm laser flash photolysis. <i>Journal of the American Chemical Society</i> , 1990, 112, 6918-6928.	6.6	158

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19	Nucleophilic Reactivities of Primary and Secondary Amines in Acetonitrile. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 6379-6385.	1.2	153
20	Nucleophilicities and carbon basicities of DBU and DBN. <i>Chemical Communications</i> , 2008, , 1792.	2.2	151
21	The Reactivity-Selectivity Principle: An Imperishable Myth in Organic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1844-1854.	7.2	150
22	Nucleophilic Reactivities of Hydrazines and Amines: The Futile Search for the $\beta$ -Effect in Hydrazine Reactivities. <i>Journal of Organic Chemistry</i> , 2012, 77, 8142-8155.	1.7	143
23	Towards a General Scale of Nucleophilicity?. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3869-3874.	7.2	141
24	Kinetics of hydride-transfer reactions from hydrosilanes to carbenium ions. Substituent effects in silylium ions. <i>Journal of the American Chemical Society</i> , 1992, 114, 3060-3066.	6.6	127
25	Nucleophilicities and Carbon Basicities of Pyridines. <i>Chemistry - A European Journal</i> , 2007, 13, 336-345.	1.7	125
26	Addition reactions of diarylcarbenium ions to 2-methyl-1-pentene: kinetic method and reaction mechanism. <i>Journal of the American Chemical Society</i> , 1990, 112, 4446-4454.	6.6	122
27	Nucleophilic Reactivities of Deoxy Breslow Intermediates: How Does Aromaticity Affect the Catalytic Activities of N-Heterocyclic Carbenes?. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6231-6235.	7.2	120
28	Determination of the Nucleophilicities of Silyl and Alkyl Enol Ethers. <i>Journal of the American Chemical Society</i> , 1998, 120, 3629-3634.	6.6	118
29	A quantitative approach to nucleophilic organocatalysis. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 1458-1478.	1.3	117
30	Nucleophilicity Parameters of Pyridinium Ylides and Their Use in Mechanistic Analyses. <i>Journal of the American Chemical Society</i> , 2013, 135, 15216-15224.	6.6	117
31	Towards a Comprehensive Hydride Donor Ability Scale. <i>Chemistry - A European Journal</i> , 2013, 19, 249-263.	1.7	117
32	Negishi Cross-Couplings of Unsaturated Halides Bearing Relatively Acidic Hydrogen Atoms with Organozinc Reagents. <i>Organic Letters</i> , 2008, 10, 2765-2768.	2.4	115
33	Free Energy Relationships for Reactions of Substituted Benzhydrylium Ions: From Enthalpy over Entropy to Diffusion Control. <i>Journal of the American Chemical Society</i> , 2012, 134, 13902-13911.	6.6	114
34	Electrophilicity Parameters for Benzylidenemalononitriles. <i>Journal of Organic Chemistry</i> , 2003, 68, 6880-6886.	1.7	113
35	Transition-Metal-Free Homocoupling of Organomagnesium Compounds. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5010-5014.	7.2	111
36	DABCO and DMAP-Why Are They Different in Organocatalysis?. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6176-6179.	7.2	108

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37	Quantification of the Electrophilic Reactivities of Aldehydes, Imines, and Enones. <i>Journal of the American Chemical Society</i> , 2011, 133, 8240-8251.	6.6	107
38	Enhancing the Catalytic Activity of 4-(Dialkylamino)pyridines by Conformational Fixation. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4826-4828.	7.2	106
39	Nucleophilicities of Nitroalkyl Anions. <i>Journal of Organic Chemistry</i> , 2004, 69, 7565-7576.	1.7	106
40	Synthesis and Characterization of Novel Quinone Methides: Reference Electrophiles for the Construction of Nucleophilicity Scales. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3203-3211.	1.2	106
41	Ambident Reactivities of Pyridone Anions. <i>Journal of the American Chemical Society</i> , 2010, 132, 15380-15389.	6.6	106
42	Kinetics of the reactions of laser-flash photolytically generated carbenium ions with alkyl and silyl enol ethers. Comparison with the reactivity toward alkenes, allylsilanes and alcohols. <i>Journal of the American Chemical Society</i> , 1991, 113, 7710-7716.	6.6	104
43	Nucleophilicities of amino acids and peptides. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3814.	1.5	103
44	Electrophilic Reactivities of $\hat{I}^{\pm}$ , $\hat{I}^{\pm}$ -Unsaturated Iminium Ions. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8723-8726.	7.2	102
45	A Practical Guide for Estimating Rates of Heterolysis Reactions. <i>Accounts of Chemical Research</i> , 2010, 43, 1537-1549.	7.6	102
46	CC Bond Formation by Addition of Carbenium Ions to Alkenes: Kinetics and Mechanism. <i>Angewandte Chemie International Edition in English</i> , 1990, 29, 1371-1384.	4.4	101
47	Electrophilic Allylations and Benzylations of Indoles in Neutral Aqueous or Alcoholic Solutions. <i>Organic Letters</i> , 2006, 8, 4791-4794.	2.4	101
48	Reactivity scales for quantifying polar organic reactivity: the benzhydrylium methodology. <i>Tetrahedron</i> , 2015, 71, 5095-5111.	1.0	101
49	How Nucleophilic Are Diazo Compounds?. <i>Chemistry - A European Journal</i> , 2003, 9, 4068-4076.	1.7	97
50	Kinetics of the reactions of the p-methoxy-substituted benzhydryl cation with various alkenes and 1,3-dienes. <i>Journal of the American Chemical Society</i> , 1990, 112, 4454-4459.	6.6	96
51	Nucleophilic Addition of Enols and Enamines to $\hat{I}^{\pm}$ , $\hat{I}^{\pm}$ -Unsaturated Acyl Azoliums: Mechanistic Studies. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5234-5238.	7.2	95
52	Ambident Reactivity of the Thiocyanate Anion Revisited: Can the Product Ratio Be Explained by the Hard Soft Acid Base Principle?. <i>Journal of the American Chemical Society</i> , 2003, 125, 14126-14132.	6.6	94
53	Electrophilic Alkylations in Neutral Aqueous or Alcoholic Solutions. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5402-5405.	7.2	94
54	How Electrophilic Are Cobalt Carbonyl Stabilized Propargylium Ions?. <i>Journal of the American Chemical Society</i> , 1998, 120, 900-907.	6.6	93

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55	Nucleophilic Reactivities of Pyrroles. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2369-2374.	1.2	92
56	Reactions of Carbocations with Unsaturated Hydrocarbons:Â Electrophilic Alkylation or Hydride Abstraction?. <i>Journal of the American Chemical Society</i> , 2002, 124, 4076-4083.	6.6	91
57	Rates and Equilibria of the Reactions of Tertiary Phosphanes and Phosphites with Benzhydrylium Ions. <i>Chemistry - A European Journal</i> , 2005, 11, 917-927.	1.7	91
58	Nucleophilic Reactivities of Carbanions in Water:Â The Unique Behavior of the Malodinitrile Anion. <i>Journal of the American Chemical Society</i> , 2003, 125, 12980-12986.	6.6	90
59	Hydrideâ€Donor Abilities of 1,4â€Dihydropyridines: A Comparison with Î€â€Nucleophiles and Borohydride Anions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1958-1961.	7.2	87
60	Philicities, Fugalities, and Equilibrium Constants. <i>Accounts of Chemical Research</i> , 2016, 49, 952-965.	7.6	87
61	A Novel Method for the Determination of Propagation Rate Constants:â€% Carbocationic Oligomerization of Isobutylene. <i>Macromolecules</i> , 1996, 29, 6104-6109.	2.2	84
62	Kinetics of the Friedelâ€Crafts Alkylations of Heterocyclic Arenes:Â Comparison of the Nucleophilic Reactivities of Aromatic and Nonaromatic Î€-Systems. <i>Journal of Organic Chemistry</i> , 1998, 63, 9769-9775.	1.7	84
63	Linear free enthalpy relationships: a powerful tool for the design of organic and organometallic synthesis. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 642-654.	0.9	81
64	Ethenesulfonyl Fluoride: The Most Perfect Michael Acceptor Ever Found?. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12664-12667.	7.2	81
65	Copper(I)â€Mediated Oxidative Crossâ€Coupling between Functionalized Alkynyl Lithium and Aryl Magnesium Reagents. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 9093-9096.	7.2	80
66	Scope and Limitations of Cyclopropanations with Sulfur Ylides. <i>Journal of the American Chemical Society</i> , 2010, 132, 17894-17900.	6.6	80
67	Structures and Reactivities of Oâ€Methylated Breslow Intermediates. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10408-10412.	7.2	80
68	Scope and limitations of aliphatic Friedel-Crafts alkylations. Lewis acid catalyzed addition reactions of alkyl chlorides to carbon-carbon double bonds. <i>Journal of Organic Chemistry</i> , 1983, 48, 1159-1165.	1.7	79
69	Can One Predict Changes from S<sub>N</sub>1 to S<sub>N</sub>2 Mechanisms?. <i>Journal of the American Chemical Society</i> , 2009, 131, 11392-11401.	6.6	79
70	Reactivities and selectivities of free and metal-coordinated carbocations. <i>Pure and Applied Chemistry</i> , 1998, 70, 1993-2000.	0.9	78
71	N-Heterocyclic Carbene Boranes are Good Hydride Donors. <i>Organic Letters</i> , 2012, 14, 82-85.	2.4	77
72	Kinetics of the Reactions of Halide Anions with Carbocations:Â Quantitative Energy Profiles for SN1 Reactions. <i>Journal of the American Chemical Society</i> , 2005, 127, 2641-2649.	6.6	76

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73	Nucleophilic Reactivities of Imide and Amide Anions. <i>Journal of Organic Chemistry</i> , 2010, 75, 5250-5258.	1.7	75
74	Scales of Lewis Basicities toward C-Centered Lewis Acids (Carbocations). <i>Journal of the American Chemical Society</i> , 2015, 137, 2580-2599.	6.6	74
75	Electrophilicity of 5-Benzylidene-1,3-dimethylbarbituric and -thiobarbituric Acids. <i>Journal of Organic Chemistry</i> , 2007, 72, 9170-9180.	1.7	73
76	Relationships between Carbocation Stabilities and Electrophilic Reactivity Parameters: A Quantum Mechanical Study of Benzhydryl Cation Structures and Stabilities. <i>Journal of the American Chemical Society</i> , 2002, 124, 11208-11214.	6.6	72
77	Kinetics of the Solvolyses of Benzhydryl Derivatives: Basis for the Construction of a Comprehensive Nucleofugality Scale. <i>Chemistry - A European Journal</i> , 2006, 12, 1648-1656.	1.7	70
78	Regio- and Stereoselective Ring-Opening Reactions of Epoxides with Indoles and Pyrroles in 2,2,2-Trifluoroethanol. <i>Chemistry - A European Journal</i> , 2008, 14, 1638-1647.	1.7	70
79	Nucleophilicity parameters for designing transition metal-free C-C bond forming reactions of organoboron compounds. <i>Chemical Science</i> , 2012, 3, 878-882.	3.7	70
80	Negishi Cross-Couplings Compatible with Unprotected Amide Functions. <i>Chemistry - A European Journal</i> , 2009, 15, 1324-1328.	1.7	69
81	Influence of the N-Substituents on the Nucleophilicity and Lewis Basicity of N-Heterocyclic Carbenes. <i>Organic Letters</i> , 2016, 18, 3566-3569.	2.4	69
82	New In Situ Trapping Metalations of Functionalized Arenes and Heteroarenes with TMPLi in the Presence of ZnCl <sub>2</sub> and Other Metal Salts. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7928-7932.	7.2	68
83	Solvation effects adjacent to the reaction site. Differences in solvation between alkyl, alkenyl or alkynyl, and aryl groups in binary aqueous mixtures. <i>Journal of Organic Chemistry</i> , 1992, 57, 2387-2392.	1.7	67
84	Nucleophilicity and Nucleofugality of Phenylsulfinate (PhSO <sub>2</sub> <sup>-</sup> ): A Key to Understanding its Ambident Reactivity. <i>Journal of the American Chemical Society</i> , 2010, 132, 4796-4805.	6.6	67
85	Linear free energy and reactivity-selectivity relationships in reactions of diarylcarbenium ions with π-nucleophiles. <i>Journal of the American Chemical Society</i> , 1990, 112, 4460-4467.	6.6	66
86	Electrophilicities of Benzaldehyde-Derived Iminium Ions: Quantification of the Electrophilic Activation of Aldehydes by Iminium Formation. <i>Journal of the American Chemical Society</i> , 2013, 135, 6579-6587.	6.6	66
87	Electrophilicity Parameters of 5-Benzylidene-2,2-dimethyl[1,3]dioxane-4,6-diones (Benzylidene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	65
88	Nucleophilic reactivities of tertiary alkylamines. <i>Journal of Physical Organic Chemistry</i> , 2010, 23, 1029-1035.	0.9	65
89	Ambident Reactivity of the Cyanide Ion: A Failure of the HSAB Principle. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 142-145.	7.2	64
90	Methyl-substituted allyl cations. A comparison of experimental stability, rotational barrier, and solvolysis data with ab initio calculations. <i>Journal of the American Chemical Society</i> , 1979, 101, 6032-6040.	6.6	63

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91	Determination of the Electrophilicity Parameters of Diethyl Benzylidenemalonates in Dimethyl Sulfoxide: Reference Electrophiles for Characterizing Strong Nucleophiles. <i>Chemistry - A European Journal</i> , 2008, 14, 9675-9682.	1.7	63
92	Kinetics of Bromine-Magnesium Exchange Reactions in Substituted Bromobenzenes. <i>Journal of Organic Chemistry</i> , 2009, 74, 2760-2764.	1.7	63
93	Nucleophilicities and Lewis basicities of imidazoles, benzimidazoles, and benzotriazoles. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1929.	1.5	63
94	Noncovalent Interactions in Organocatalysis: Modulating Conformational Diversity and Reactivity in the MacMillan Catalyst. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7967-7971.	7.2	63
95	Quantification of the Ambident Electrophilicities of Halogen-Substituted Quinones. <i>Journal of the American Chemical Society</i> , 2014, 136, 11499-11512.	6.6	63
96	Mechanisms of Hydride Abstractions by Quinones. <i>Journal of the American Chemical Society</i> , 2014, 136, 13863-13873.	6.6	63
97	From Carbodiimides to Carbon Dioxide: Quantification of the Electrophilic Reactivities of Heteroallenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 8383-8402.	6.6	61
98	Photolytic Generation of Benzhydryl Cations and Radicals from Quaternary Phosphonium Salts: How Highly Reactive Carbocations Survive Their First Nanoseconds. <i>Journal of the American Chemical Society</i> , 2012, 134, 11481-11494.	6.6	60
99	Constant Selectivity Relationships of Addition Reactions of Carbanions. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1995-1997.	7.2	59
100	Nucleophilicity Parameters for Alkyl and Aryl Isocyanides. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3563-3566.	7.2	59
101	Why Are Vinyl Cations Sluggish Electrophiles?. <i>Journal of the American Chemical Society</i> , 2017, 139, 1499-1511.	6.6	59
102	NMR Spectroscopic Evidence for the Structure of Iminium Ion Pairs. <i>Journal of the American Chemical Society</i> , 1997, 119, 12727-12733.	6.6	58
103	Inverse Solvent Effects in Carbocation Carbanion Combination Reactions: The Unique Behavior of Trifluoromethylsulfonyl Stabilized Carbanions. <i>Journal of the American Chemical Society</i> , 2007, 129, 9753-9761.	6.6	58
104	Direct Observation of the Ionization Step in Solvolysis Reactions: Electrophilicity versus Electrofugality of Carbocations. <i>Journal of the American Chemical Society</i> , 2008, 130, 3012-3022.	6.6	58
105	Nucleophilicity Parameters for Phosphoryl-Stabilized Carbanions and Phosphorus Ylides: Implications for Wittig and Related Olefination Reactions. <i>Journal of the American Chemical Society</i> , 2009, 131, 704-714.	6.6	58
106	Reply to T. Bentley: Limitations of the $s_N1$ ( $E_N1 + N_N1$ ) and Related Equations. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3612-3618.	7.2	58
107	Lewis Acidity Scale of Diaryliodonium Ions toward Oxygen, Nitrogen, and Halogen Lewis Bases. <i>Journal of the American Chemical Society</i> , 2020, 142, 5221-5233.	6.6	57
108	Knapfung von C-C-Bindungen durch Addition von Carbenium-Ionen an Alkene: Kinetik und Mechanismus. <i>Angewandte Chemie</i> , 1990, 102, 1415-1428.	1.6	56

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109	How Fast Do R <sub>1</sub> X Bonds Ionize? A Semiquantitative Approach. <i>Chemistry - A European Journal</i> , 2006, 12, 1657-1666.	1.7	56
110	Nucleophilicities of the Anions of Arylacetonitriles and Arylpropionitriles in Dimethyl Sulfoxide. <i>Journal of Organic Chemistry</i> , 2009, 74, 75-81.	1.7	56
111	Stereospecific Allylic Functionalization: The Reactions of Allylboronate Complexes with Electrophiles. <i>Journal of the American Chemical Society</i> , 2017, 139, 15324-15327.	6.6	56
112	Comparison of the nucleophilicities of alcohols and alkoxides. <i>Canadian Journal of Chemistry</i> , 2005, 83, 1554-1560.	0.6	55
113	S <sub>N</sub> 2 <sup>TM</sup> versus S <sub>N</sub> 2 Reactivity: Control of Regioselectivity in Conversions of Baylis-Hillman Adducts. <i>Chemistry - A European Journal</i> , 2010, 16, 1365-1371.	1.7	55
114	Electrophilicity parameters for 2-benzylidene-indan-1,3-diones—a systematic extension of the benzhydrylium based electrophilicity scale. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3020.	1.5	54
115	Electrophilic Reactivities of Azodicarboxylates. <i>Chemistry - A European Journal</i> , 2010, 16, 11670-11677.	1.7	54
116	Marcus Analysis of Ambident Reactivity. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5165-5169.	7.2	54
117	Imidazolidinone-Derived Enamines: Nucleophiles with Low Reactivity. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5739-5742.	7.2	54
118	The Coexistence of the Reactivity-Selectivity Principle and of Linear Free Energy Relationships: A Diffusion Clock for Determining Carbocation Reactivities. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 2250-2252.	4.4	53
119	[2++4] Cycloadditions of Iminium Ions—Concerted or Stepwise Mechanism of Aza Diels-Alder Reactions?. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 2013-2020.	1.2	53
120	Rate-Equilibrium Relationships in Hydride Transfer Reactions: The Role of Intrinsic Barriers. <i>Journal of the American Chemical Society</i> , 2002, 124, 4084-4092.	6.6	53
121	Kinetics of Bromine-Magnesium Exchange Reactions in Heteroaryl Bromides. <i>Organic Letters</i> , 2009, 11, 3502-3505.	2.4	53
122	Electrophilicities of <i>trans</i> - $\beta$ -Nitrostyrenes. <i>Journal of Organic Chemistry</i> , 2011, 76, 9370-9378.	1.7	53
123	One-Pot Two-Step Synthesis of $\alpha$ -(Ethoxycarbonyl)indolizines via Pyridinium Ylides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6379-6388.	1.2	53
124	Manifestation of Polar Reaction Pathways of 2,3-Dichloro-5,6-dicyano- <i>p</i> -benzoquinone. <i>Journal of the American Chemical Society</i> , 2013, 135, 12377-12387.	6.6	53
125	Kinetics of the Reactions of Carboxonium Ions and Aldehyde Boron Trihalide Complexes with Alkenes and Allylsilanes. <i>Journal of the American Chemical Society</i> , 1995, 117, 7862-7868.	6.6	52
126	Electrophilicities of iminium ions. <i>Tetrahedron Letters</i> , 1997, 38, 3503-3506.	0.7	52



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127	Kinetic Evidence for the Formation of Oxazolidinones in the Stereogenic Step of Proline-Catalyzed Reactions. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9526-9529.	7.2	52
128	Nucleophilicity and Electrophilicity Parameters for Predicting Absolute Rate Constants of Highly Asynchronous 1,3-Dipolar Cycloadditions of Aryldiazomethanes. <i>Journal of the American Chemical Society</i> , 2018, 140, 16758-16772.	6.6	52
129	Kinetics of Electrophilic Fluorinations of Enamines and Carbanions: Comparison of the Fluorinating Power of N-F Reagents. <i>Journal of the American Chemical Society</i> , 2018, 140, 11474-11486.	6.6	52
130	Stable Carbocations. 198. Formation of Allyl Cations via Protonation of Alkynes in Magic Acid Solution. Evidence for 1,2-Hydrogen and Alkyl Shifts in the Intermediate Vinyl Cations. <i>Journal of the American Chemical Society</i> , 1976, 98, 7333-7340.	6.6	51
131	Determination of the Nucleophilicities of N,N-Bis(silyloxy)enamines. <i>Journal of Organic Chemistry</i> , 2001, 66, 3196-3200.	1.7	51
132	Kinetics and Mechanisms of the Reactions of $\eta$ -Allylpalladium Complexes with Nucleophiles. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 343-346.	7.2	50
133	Synthesis and Reactivity of Highly Nucleophilic Pyridines. <i>Organic Letters</i> , 2011, 13, 530-533.	2.4	50
134	Kinetics and Mechanism of the Reactions of Amine Boranes with Carbenium Ions. <i>Chemistry - A European Journal</i> , 1997, 3, 1214-1222.	1.7	49
135	Switching between penta- and hexacoordination with salen-silicon-complexes. <i>Inorganica Chimica Acta</i> , 2005, 358, 4270-4286.	1.2	48
136	Relative Rates of Bromine-Magnesium Exchange Reactions in Substituted Bromobenzene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 202-204.	7.2	48
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