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List of Publications by Year
in descending order

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79 papers	5,842 citations	109321 35 h-index	71685 76 g-index
87 all docs	87 docs citations	87 times ranked	4188 citing authors

#	Article	IF	Citations
1	Ï€-Nucleophilicity in Carbonâ^'Carbon Bond-Forming Reactions. Accounts of Chemical Research, 2003, 36, 66-77.	15.6	927
2	Reference Scales for the Characterization of Cationic Electrophiles and Neutral Nucleophilesâ€,â€¡. Journal of the American Chemical Society, 2001, 123, 9500-9512.	13.7	636
3	Do general nucleophilicity scales exist?. Journal of Physical Organic Chemistry, 2008, 21, 584-595.	1.9	291
4	Nucleophilic Reactivities of Indoles. Journal of Organic Chemistry, 2006, 71, 9088-9095.	3.2	281
5	Kinetics of electrophile-nucleophile combinations: A general approach to polar organic reactivity. Pure and Applied Chemistry, 2005, 77, 1807-1821.	1.9	249
6	Farewell to the HSAB Treatment of Ambident Reactivity. Angewandte Chemie - International Edition, 2011, 50, 6470-6505.	13.8	244
7	Palladiumâ€Catalyzed Dehydrogenative Crossâ€Couplings of Benzazoles with Azoles. Angewandte Chemie - International Edition, 2011, 50, 2178-2182.	13.8	183
8	Structureâ€"Nucleophilicity Relationships for Enamines. Chemistry - A European Journal, 2003, 9, 2209-2218.	3.3	177
9	Iron catalyzed oxidative cyanation of tertiary amines. Chemical Communications, 2009, , 5024.	4.1	168
10	Quantification and Theoretical Analysis of the Electrophilicities of Michael Acceptors. Journal of the American Chemical Society, 2017, 139, 13318-13329.	13.7	168
11	The Reactivityâ€"Selectivity Principle: An Imperishable Myth in Organic Chemistry. Angewandte Chemie - International Edition, 2006, 45, 1844-1854.	13.8	150
12	A quantitative approach to nucleophilic organocatalysis. Beilstein Journal of Organic Chemistry, 2012, 8, 1458-1478.	2.2	117
13	Towards a Comprehensive Hydride Donor Ability Scale. Chemistry - A European Journal, 2013, 19, 249-263.	3.3	117
14	Synthesis and Characterization of Novel Quinone Methides: Reference Electrophiles for the Construction of Nucleophilicity Scales. European Journal of Organic Chemistry, 2009, 2009, 3203-3211.	2.4	106
15	Iron-catalyzed dehydrogenative phosphonation of N,N-dimethylanilines. Chemical Communications, 2009, , 6023.	4.1	105
16	Nucleophilic Reactivities of Pyrroles. European Journal of Organic Chemistry, 2008, 2008, 2369-2374.	2.4	92
17	Reactions of Carbocations with Unsaturated Hydrocarbons:Â Electrophilic Alkylation or Hydride Abstraction?. Journal of the American Chemical Society, 2002, 124, 4076-4083.	13.7	91
18	Philicities, Fugalities, and Equilibrium Constants. Accounts of Chemical Research, 2016, 49, 952-965.	15.6	87

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19	Can One Predict Changes from S_N1 to S_N2 Mechanisms?. Journal of the American Chemical Society, 2009, 131, 11392-11401.	13.7	79
20	Scales of Lewis Basicities toward C-Centered Lewis Acids (Carbocations). Journal of the American Chemical Society, 2015, 137, 2580-2599.	13.7	74
21	Kinetics of the Solvolyses of Benzhydryl Derivatives: Basis for the Construction of a Comprehensive Nucleofugality Scale. Chemistry - A European Journal, 2006, 12, 1648-1656.	3.3	70
22	Potassium Thiocyanate as Source of Cyanide for the Oxidative Î±-Cyanation of Tertiary Amines. Journal of Organic Chemistry, 2015, 80, 2848-2854.	3.2	67
23	Palladiumâ€Catalyzed Direct Arylations of Azoles with Aryl Silicon and Tin Reagents. Chemistry - A European Journal, 2011, 17, 6904-6908.	3.3	61
24	From Carbodiimides to Carbon Dioxide: Quantification of the Electrophilic Reactivities of Heteroallenes. Journal of the American Chemical Society, 2020, 142, 8383-8402.	13.7	61
25	Inverse Solvent Effects in Carbocation Carbanion Combination Reactions:â€‰ The Unique Behavior of Trifluoromethylsulfonyl Stabilized Carbanions. Journal of the American Chemical Society, 2007, 129, 9753-9761.	13.7	58
26	Lewis Acidity Scale of Diaryliodonium Ions toward Oxygen, Nitrogen, and Halogen Lewis Bases. Journal of the American Chemical Society, 2020, 142, 5221-5233.	13.7	57
27	How Fast Do Rï£¿X Bonds Ionize? A Semiquantitative Approach. Chemistry - A European Journal, 2006, 12, 1657-1666.	3.3	56
28	Nucleophilicity and Electrophilicity Parameters for Predicting Absolute Rate Constants of Highly Asynchronous 1,3-Dipolar Cycloadditions of Aryldiazomethanes. Journal of the American Chemical Society, 2018, 140, 16758-16772.	13.7	52
29	Kinetics of Electrophilic Fluorinations of Enamines and Carbanions: Comparison of the Fluorinating Power of Nâ€“F Reagents. Journal of the American Chemical Society, 2018, 140, 11474-11486.	13.7	52
30	Role of Electron-Transfer Processes in Reactions of Diarylcarbenium Ions and Related Quinone Methides with Nucleophiles. Journal of the American Chemical Society, 2003, 125, 10906-10912.	13.7	47
31	Basicities and Nucleophilicities of Pyrrolidines and Imidazolidinones Used as Organocatalysts. Journal of the American Chemical Society, 2020, 142, 1526-1547.	13.7	43
32	Ambident Reactivity of Phenolate Anions Revisited: A Quantitative Approach to Phenolate Reactivities. Journal of Organic Chemistry, 2019, 84, 8837-8858.	3.2	38
33	Electrophilic reactivities of cyclic enones and Î±,Î²-unsaturated lactones. Chemical Science, 2021, 12, 4850-4865.	7.4	38
34	Ironâ€Catalyzed Generation of Î±â€Amino Nitriles from Tertiary Amines. Advanced Synthesis and Catalysis, 2013, 355, 3058-3070.	4.3	37
35	Nucleophilicity of Glutathione: A Link to Michael Acceptor Reactivities. Angewandte Chemie - International Edition, 2019, 58, 17704-17708.	13.8	36
36	Kinetics and Mechanism of Oxirane Formation by Darzens Condensation of Ketones: Quantification of the Electrophilicities of Ketones. Journal of the American Chemical Society, 2018, 140, 5500-5515.	13.7	34

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37	Lewis Acidic Boranes, Lewis Bases, and Equilibrium Constants: A Reliable Scaffold for a Quantitative Lewis Acidity/Basicity Scale. Chemistry - A European Journal, 2021, 27, 4070-4080.	3.3	33
38	Electrophilic Reactivities of 1,2â€Diazaâ€1,3â€dienes. Chemistry - A European Journal, 2010, 16, 12008-12016.	3.3	29
39	Reactivity parameters for rationalizing iminiumâ€catalyzed reactions. Journal of Physical Organic Chemistry, 2010, 23, 886-892.	1.9	28
40	Reactivityâ€Tuning in Frustrated Lewis Pairs: Nucleophilicity and Lewis Basicity of Sterically Hindered Phosphines. Chemistry - A European Journal, 2017, 23, 7422-7427.	3.3	25
41	Reactivities of Carbocations and Carbanions. Macromolecular Symposia, 2004, 215, 353-368.	0.7	24
42	Propagation Rate of the Cationic Polymerization of 2,4,6-Trimethylstyrene:Â A Linear Free Energy Approach. Macromolecules, 2005, 38, 33-40.	4.8	23
43	Which Factors Control the Nucleophilic Reactivities of Enamines?. Chemistry - A European Journal, 2018, 24, 5901-5910.	3.3	22
44	Synthesis, Structure, and Properties of Aminoâ€Substituted Benzhydrylium Ions â€“ A Link between Ordinary Carbocations and Neutral Electrophiles. European Journal of Organic Chemistry, 2019, 2019, 412-421.	2.4	22
45	Metal Enolates â€“ Enamines â€“ Enol Ethers: How Do Enolate Equivalents Differ in Nucleophilic Reactivity?. Synthesis, 2019, 51, 1157-1170.	2.3	21
46	Solvation Accounts for the Counterintuitive Nucleophilicity Ordering of Peroxide Anions. Angewandte Chemie - International Edition, 2017, 56, 13279-13282.	13.8	20
47	Nucleophilic Reactivities of Bleach Reagents. Organic Letters, 2018, 20, 2816-2820.	4.6	20
48	Structures and Reactivities of 2-Trityl- and 2-(Triphenylsilyl)pyrrolidine-Derived Enamines: Evidence for Negative Hyperconjugation with the Trityl Group. Journal of the American Chemical Society, 2014, 136, 14263-14269.	13.7	19
49	Sequential Oxidative Î±-Cyanation/Anti-Markovnikov Hydroalkoxylation of Allylamines. Organic Letters, 2015, 17, 4770-4773.	4.6	19
50	Structures and Reactivities of Iminium Ions Derived from Substituted Cinnamaldehydes and Various Chiral Imidazolidinâ€4â€ones. Asian Journal of Organic Chemistry, 2014, 3, 550-555.	2.7	18
51	Kinetics of the Solvolyses of Benzhydryl Derivatives: Basis for the Construction of a Comprehensive Nucleofugality Scale. Chemistry - A European Journal, 2006, 12, 5415-5415.	3.3	17
52	Nucleophilic reactivities of Schiff base derivatives of amino acids. Tetrahedron, 2019, 75, 459-463.	1.9	16
53	Nucleophilic Reactivities and Lewis Basicities of 2â€Imidazolines and Related Nâ€Heterocyclic Compounds. European Journal of Organic Chemistry, 2013, 2013, 3369-3377.	2.4	15
54	Nucleophilicities and Lewis Basicities of Sterically Hindered Pyridines. Synthesis, 2017, 49, 3495-3504.	2.3	15

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55	Predicting Absolute Rate Constants for Huisgen Reactions of Unsaturated Iminium Ions with Diazoalkanes. Angewandte Chemie - International Edition, 2020, 59, 12527-12533.	13.8	15
56	Electrophilic Reactivities of Vinyl p-Quinone Methides. Organic Letters, 2020, 22, 2182-2186.	4.6	15
57	Philicity, fugality, and equilibrium constants: when do rate-equilibrium relationships break down?. Pure and Applied Chemistry, 2017, 89, 729-744.	1.9	14
58	CF₃â€Containing paraâ€Quinone Methides for Organic Synthesis. European Journal of Organic Chemistry, 2020, 2020, 3812-3817.	2.4	14
59	Diâ€•and Triarylmethylium Ions as Probes for the Ambident Reactivities of Carbanions Derived from 5â€Benzylated Meldrumâ€™s Acid. Chemistry - A European Journal, 2014, 20, 11069-11077.	3.3	13
60	Nucleophilic Reactivities of Thiophenolates. Journal of Organic Chemistry, 2021, 86, 5965-5972.	3.2	13
61	Benzhydrylium and tritylium ions: complementary probes for examining ambident nucleophiles. Pure and Applied Chemistry, 2015, 87, 341-351.	1.9	12
62	Nucleophilic Reactivities of 2â€Substituted Malonates. European Journal of Organic Chemistry, 2016, 2016, 1841-1848.	2.4	11
63	Reactivities of allenic and olefinic Michael acceptors towards phosphines. Chemical Communications, 2022, 58, 3358-3361.	4.1	10
64	Inherent Reactivity of Spiroâ€Activated Electrophilic Cyclopropanes. Chemistry - A European Journal, 2021, 27, 15928-15935.	3.3	9
65	An Overlooked Pathway in 1,3â€Dipolar Cycloadditions of Diazoalkanes with Enamines. Angewandte Chemie - International Edition, 2022, 61, .	13.8	9
66	Access to Î²-Alkylated Î³-Functionalized Ketones via Conjugate Additions to Arylideneisoxazol-5-ones and Mo(CO)₆-Mediated Reductive Cascade Reactions. ACS Omega, 2022, 7, 8808-8818.	3.5	9
67	Base-Promoted Cascade Reactions for the Synthesis of 3,3-Dialkylated Isoindolin-1-ones and 3-Methyleneisoindolin-1-ones. Journal of Organic Chemistry, 2021, 86, 15128-15138.	3.2	8
68	Voraussage absoluter Geschwindigkeitskonstanten von Huisgenâ€•Reaktionen ungesÃttigter Iminiumâ€Ionen mit Diazoalkanen. Angewandte Chemie, 2020, 132, 12628-12634.	2.0	7
69	Nucleophilicities and Nucleofugalities of Thioâ€•and Selenoethers. Chemistry - A European Journal, 2021, 27, 11367-11376.	3.3	7
70	Kinetic and Theoretical Studies of Betaâ€Lactone Reactivityâ€”A Quantitative Scale for Biological Application. ChemPlusChem, 2015, 80, 1673-1679.	2.8	6
71	Nucleophilic Reactivities of Bisâ€Acceptorâ€Substituted Benzyl Anions. European Journal of Organic Chemistry, 2017, 2017, 1196-1202.	2.4	6
72	Solvatation als Ursache fÃ¼r die unerwartete Nucleophilieâ€Reihung von Peroxidâ€Anionen. Angewandte Chemie, 2017, 129, 13463-13467.	2.0	6

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73	Quantification of the Michael-Acceptor Reactivity of Î±,Î²-Unsaturated Acyl Azolium Ions. Topics in Catalysis, 2018, 61, 585-590.	2.8	6
74	Epigenetic Antiâ€Cancer Treatment With a Stabilized Carbocyclic Decitabine Analogue. Chemistry - A European Journal, 2022, 28, .	3.3	3
75	Intramolecular Hydrogenâ€Bonding Modulates the Nucleophilic Reactivity of Ammoniumâ€Peroxycarboxylates. European Journal of Organic Chemistry, 2018, 2018, 6010-6017.	2.4	2
76	Quantification of the Lewis Basicities and Nucleophilicities of 1,3,5â€Tris(dialkylamino)benzenes. European Journal of Organic Chemistry, 0, , .	2.4	1
77	Ein Ã¼bersehener Reaktionsweg bei 1,3â€dipolaren Cycloadditionen von Diazoalkanen mit Enaminen. Angewandte Chemie, 0, , .	2.0	1
78	Nucleophilie von Glutathion als Bindeglied zur ReaktivitÃt von Michaelâ€Akzeptoren. Angewandte Chemie, 2019, 131, 17868-17872.	2.0	0
79	Dynamics of the dimethyl sulfide exchange of (1,3â€diphenylallyl)dimethylsulfonium ions. Journal of Physical Organic Chemistry, 0, , e4270.	1.9	0