

# Armin R Ofial

## List of Publications by Year in descending order

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79  
papers

5,842  
citations

109321

35  
h-index

71685

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87  
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87  
docs citations

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times ranked

4188  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overlooked Pathway in 1,3-Dipolar Cycloadditions of Diazoalkanes with Enamines. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	9
2	Reactivities of allenic and olefinic Michael acceptors towards phosphines. <i>Chemical Communications</i> , 2022, 58, 3358-3361.	4.1	10
3	Epigenetic Anti-Cancer Treatment With a Stabilized Carbocyclic Decitabine Analogue. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	3
4	Access to $\beta^2$ -Alkylated $\beta^3$ -Functionalized Ketones via Conjugate Additions to Arylideneisoxazol-5-ones and Mo(CO) <sub>6</sub> -Mediated Reductive Cascade Reactions. <i>ACS Omega</i> , 2022, 7, 8808-8818.	3.5	9
5	Lewis Acidic Boranes, Lewis Bases, and Equilibrium Constants: A Reliable Scaffold for a Quantitative Lewis Acidity/Basicity Scale. <i>Chemistry - A European Journal</i> , 2021, 27, 4070-4080.	3.3	33
6	Nucleophilic Reactivities of Thiophenolates. <i>Journal of Organic Chemistry</i> , 2021, 86, 5965-5972.	3.2	13
7	Nucleophilicities and Nucleofugalities of Thio- and Selenoethers. <i>Chemistry - A European Journal</i> , 2021, 27, 11367-11376.	3.3	7
8	Inherent Reactivity of Spiro-Activated Electrophilic Cyclopropanes. <i>Chemistry - A European Journal</i> , 2021, 27, 15928-15935.	3.3	9
9	Electrophilic reactivities of cyclic enones and $\alpha,\beta$ -unsaturated lactones. <i>Chemical Science</i> , 2021, 12, 4850-4865.	7.4	38
10	Base-Promoted Cascade Reactions for the Synthesis of 3,3-Dialkylated Isoindolin-1-ones and 3-Methyleneisoindolin-1-ones. <i>Journal of Organic Chemistry</i> , 2021, 86, 15128-15138.	3.2	8
11	Basicities and Nucleophilicities of Pyrrolidines and Imidazolidinones Used as Organocatalysts. <i>Journal of the American Chemical Society</i> , 2020, 142, 1526-1547.	13.7	43
12	Voraussage absoluter Geschwindigkeitskonstanten von Huisgen-Reaktionen ungesättigter Iminium-Ionen mit Diazoalkanen. <i>Angewandte Chemie</i> , 2020, 132, 12628-12634.	2.0	7
13	CF <sub>3</sub> -Containing <i>para</i> -Quinone Methides for Organic Synthesis. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3812-3817.	2.4	14
14	Predicting Absolute Rate Constants for Huisgen Reactions of Unsaturated Iminium Ions with Diazoalkanes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12527-12533.	13.8	15
15	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.	13.7	57
16	Electrophilic Reactivities of Vinyl <i>p</i> -Quinone Methides. <i>Organic Letters</i> , 2020, 22, 2182-2186.	4.6	15
17	From Carbodiimides to Carbon Dioxide: Quantification of the Electrophilic Reactivities of Heteroallenes. <i>Journal of the American Chemical Society</i> , 2020, 142, 8383-8402.	13.7	61
18	Synthesis, Structure, and Properties of Amino-Substituted Benzhydrylium Ions – A Link between Ordinary Carbocations and Neutral Electrophiles. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 412-421.	2.4	22

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19	Nucleophilicity of Glutathione: A Link to Michael Acceptor Reactivities. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17704-17708.	13.8	36
20	Nucleophilie von Glutathion als Bindeglied zur Reaktivität von Michael-Akzeptoren. <i>Angewandte Chemie</i> , 2019, 131, 17868-17872.	2.0	0
21	Ambident Reactivity of Phenolate Anions Revisited: A Quantitative Approach to Phenolate Reactivities. <i>Journal of Organic Chemistry</i> , 2019, 84, 8837-8858.	3.2	38
22	Metal Enolates "Enamines" Enol Ethers: How Do Enolate Equivalent Differ in Nucleophilic Reactivity?. <i>Synthesis</i> , 2019, 51, 1157-1170.	2.3	21
23	Nucleophilic reactivities of Schiff base derivatives of amino acids. <i>Tetrahedron</i> , 2019, 75, 459-463.	1.9	16
24	Kinetics and Mechanism of Oxirane Formation by Darzens Condensation of Ketones: Quantification of the Electrophilicities of Ketones. <i>Journal of the American Chemical Society</i> , 2018, 140, 5500-5515.	13.7	34
25	Quantification of the Michael-Acceptor Reactivity of $\alpha,\beta$ -Unsaturated Acyl Azolium Ions. <i>Topics in Catalysis</i> , 2018, 61, 585-590.	2.8	6
26	Which Factors Control the Nucleophilic Reactivities of Enamines?. <i>Chemistry - A European Journal</i> , 2018, 24, 5901-5910.	3.3	22
27	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.	13.7	52
28	Intramolecular Hydrogen Bonding Modulates the Nucleophilic Reactivity of Ammonium Peroxycarboxylates. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6010-6017.	2.4	2
29	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.	13.7	52
30	Nucleophilic Reactivities of Bleach Reagents. <i>Organic Letters</i> , 2018, 20, 2816-2820.	4.6	20
31	Nucleophilic Reactivities of Bis-Acceptor-Substituted Benzyl Anions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1196-1202.	2.4	6
32	Nucleophilicities and Lewis Basicities of Sterically Hindered Pyridines. <i>Synthesis</i> , 2017, 49, 3495-3504.	2.3	15
33	Philicity, fugality, and equilibrium constants: when do rate-equilibrium relationships break down?. <i>Pure and Applied Chemistry</i> , 2017, 89, 729-744.	1.9	14
34	Reactivity-Tuning in Frustrated Lewis Pairs: Nucleophilicity and Lewis Basicity of Sterically Hindered Phosphines. <i>Chemistry - A European Journal</i> , 2017, 23, 7422-7427.	3.3	25
35	Solvatation als Ursache für die unerwartete Nucleophilie-Reihung von Peroxid-Anionen. <i>Angewandte Chemie</i> , 2017, 129, 13463-13467.	2.0	6
36	Quantification and Theoretical Analysis of the Electrophilicities of Michael Acceptors. <i>Journal of the American Chemical Society</i> , 2017, 139, 13318-13329.	13.7	168

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37	Solvation Accounts for the Counterintuitive Nucleophilicity Ordering of Peroxide Anions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13279-13282.	13.8	20
38	Philicities, Fugalities, and Equilibrium Constants. <i>Accounts of Chemical Research</i> , 2016, 49, 952-965.	15.6	87
39	Nucleophilic Reactivities of 2-Substituted Malonates. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1841-1848.	2.4	11
40	Kinetic and Theoretical Studies of Beta-Lactone Reactivity – A Quantitative Scale for Biological Application. <i>ChemPlusChem</i> , 2015, 80, 1673-1679.	2.8	6
41	Potassium Thiocyanate as Source of Cyanide for the Oxidative $\beta$ -Cyanation of Tertiary Amines. <i>Journal of Organic Chemistry</i> , 2015, 80, 2848-2854.	3.2	67
42	Scales of Lewis Basicities toward C-Centered Lewis Acids (Carbocations). <i>Journal of the American Chemical Society</i> , 2015, 137, 2580-2599.	13.7	74
43	Benzhydrylium and tritylium ions: complementary probes for examining ambident nucleophiles. <i>Pure and Applied Chemistry</i> , 2015, 87, 341-351.	1.9	12
44	Sequential Oxidative $\beta$ -Cyanation/Anti-Markovnikov Hydroalkoxylation of Allylamines. <i>Organic Letters</i> , 2015, 17, 4770-4773.	4.6	19
45	Structures and Reactivities of Iminium Ions Derived from Substituted Cinnamaldehydes and Various Chiral Imidazolidinones. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 550-555.	2.7	18
46	Di- and Triarylmethyl cations as Probes for the Ambident Reactivities of Carbanions Derived from 5-Benzylated Meldrum's Acid. <i>Chemistry - A European Journal</i> , 2014, 20, 11069-11077.	3.3	13
47	Structures and Reactivities of 2-Trityl- and 2-(Triphenylsilyl)pyrrolidine-Derived Enamines: Evidence for Negative Hyperconjugation with the Trityl Group. <i>Journal of the American Chemical Society</i> , 2014, 136, 14263-14269.	13.7	19
48	Iron-Catalyzed Generation of $\beta$ -Amino Nitriles from Tertiary Amines. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 3058-3070.	4.3	37
49	Towards a Comprehensive Hydride Donor Ability Scale. <i>Chemistry - A European Journal</i> , 2013, 19, 249-263.	3.3	117
50	Nucleophilic Reactivities and Lewis Basicities of 2-Imidazolines and Related N-Heterocyclic Compounds. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 3369-3377.	2.4	15
51	A quantitative approach to nucleophilic organocatalysis. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 1458-1478.	2.2	117
52	Palladium-Catalyzed Dehydrogenative Cross-Couplings of Benzazoles with Azoles. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2178-2182.	13.8	183
53	Farewell to the HSAB Treatment of Ambident Reactivity. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6470-6505.	13.8	244
54	Palladium-Catalyzed Direct Arylations of Azoles with Aryl Silicon and Tin Reagents. <i>Chemistry - A European Journal</i> , 2011, 17, 6904-6908.	3.3	61

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55	Electrophilic Reactivities of 1,2-Diazole-3-dienes. <i>Chemistry - A European Journal</i> , 2010, 16, 12008-12016.	3.3	29
56	Reactivity parameters for rationalizing iminium-catalyzed reactions. <i>Journal of Physical Organic Chemistry</i> , 2010, 23, 886-892.	1.9	28
57	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.	2.4	106
58	Iron catalyzed oxidative cyanation of tertiary amines. <i>Chemical Communications</i> , 2009, , 5024.	4.1	168
59	Can One Predict Changes from $S_N1$ to $S_N2$ Mechanisms?. <i>Journal of the American Chemical Society</i> , 2009, 131, 11392-11401.	13.7	79
60	Iron-catalyzed dehydrogenative phosphonation of N,N-dimethylanilines. <i>Chemical Communications</i> , 2009, , 6023.	4.1	105
61	Do general nucleophilicity scales exist?. <i>Journal of Physical Organic Chemistry</i> , 2008, 21, 584-595.	1.9	291
62	Nucleophilic Reactivities of Pyrroles. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2369-2374.	2.4	92
63	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.	13.7	58
64	Nucleophilic Reactivities of Indoles. <i>Journal of Organic Chemistry</i> , 2006, 71, 9088-9095.	3.2	281
65	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.	3.3	70
66	How Fast Do $R_3C-X$ Bonds Ionize? A Semiquantitative Approach. <i>Chemistry - A European Journal</i> , 2006, 12, 1657-1666.	3.3	56
67	Kinetics of the Solvolyses of Benzhydryl Derivatives: Basis for the Construction of a Comprehensive Nucleofugality Scale. <i>Chemistry - A European Journal</i> , 2006, 12, 5415-5415.	3.3	17
68	The Reactivity-Selectivity Principle: An Imperishable Myth in Organic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1844-1854.	13.8	150
69	Propagation Rate of the Cationic Polymerization of 2,4,6-Trimethylstyrene: A Linear Free Energy Approach. <i>Macromolecules</i> , 2005, 38, 33-40.	4.8	23
70	Kinetics of electrophile-nucleophile combinations: A general approach to polar organic reactivity. <i>Pure and Applied Chemistry</i> , 2005, 77, 1807-1821.	1.9	249
71	Reactivities of Carbocations and Carbanions. <i>Macromolecular Symposia</i> , 2004, 215, 353-368.	0.7	24
72	Structure-Nucleophilicity Relationships for Enamines. <i>Chemistry - A European Journal</i> , 2003, 9, 2209-2218.	3.3	177

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73	Role of Electron-Transfer Processes in Reactions of Diarylcarbenium Ions and Related Quinone Methides with Nucleophiles. <i>Journal of the American Chemical Society</i> , 2003, 125, 10906-10912.	13.7	47
74	π-Nucleophilicity in Carbon-Carbon Bond-Forming Reactions. <i>Accounts of Chemical Research</i> , 2003, 36, 66-77.	15.6	927
75	Reactions of Carbocations with Unsaturated Hydrocarbons: Electrophilic Alkylation or Hydride Abstraction?. <i>Journal of the American Chemical Society</i> , 2002, 124, 4076-4083.	13.7	91
76	Reference Scales for the Characterization of Cationic Electrophiles and Neutral Nucleophiles. <i>Journal of the American Chemical Society</i> , 2001, 123, 9500-9512.	13.7	636
77	Dynamics of the dimethyl sulfide exchange of (1,3-diphenylallyl)dimethylsulfonium ions. <i>Journal of Physical Organic Chemistry</i> , 0, , e4270.	1.9	0
78	Quantification of the Lewis Basicities and Nucleophilicities of 1,3,5-Tris(dialkylamino)benzenes. <i>European Journal of Organic Chemistry</i> , 0, , .	2.4	1
79	Ein übersehener Reaktionsweg bei 1,3-dipolaren Cycloadditionen von Diazoalkanen mit Enaminen. <i>Angewandte Chemie</i> , 0, , .	2.0	1