

# Forrest E Michael

## List of Publications by Year in descending order

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39  
papers

4,101  
citations

201674

27  
h-index

289244

40  
g-index

56  
all docs

56  
docs citations

56  
times ranked

3789  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereoretentive and regioselective selenium-catalyzed intermolecular propargylic C-H amination of alkynes. <i>Chemical Science</i> , 2022, 13, 2121-2127.	7.4	8
2	Selenophosphoramidate-catalyzed diamination and oxyamination of alkenes. <i>Chemical Science</i> , 2020, 11, 1677-1682.	7.4	15
3	Catalytic Metal-free Allylic C-H Amination of Terpenoids. <i>Journal of the American Chemical Society</i> , 2020, 142, 16716-16722.	13.7	46
4	Regioselective Metal-Free Aza-Heck Reactions of Terminal Alkenes Catalyzed by Phosphine Selenides. <i>Organic Letters</i> , 2018, 20, 6975-6978.	4.6	12
5	Synthesis and structural characterization of palladium(II) complexes of chiral bidentate N-heterocyclic carbene-quinoline ligands. <i>Journal of Organometallic Chemistry</i> , 2017, 832, 9-11.	1.8	7
6	Palladium-Catalyzed Cross-Coupling of <i>N</i> -Sulfonylaziridines and Alkenylboronic Acids: Stereospecific Synthesis of Homoallylic Amines with Di- and Trisubstituted Alkenes. <i>Organic Letters</i> , 2017, 19, 1738-1740.	4.6	23
7	Chelation-Driven Rearrangement of Primary Alkyl Aminopalladation Products to Stable Trisubstituted Alkyl-Palladium Complexes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4557-4560.	13.8	5
8	Computational Design of Enone-Binding Proteins with Catalytic Activity for the Morita-Baylis-Hillman Reaction. <i>ACS Chemical Biology</i> , 2013, 8, 749-757.	3.4	75
9	Stereoselective synthesis of 2,5-disubstituted morpholines using a palladium-catalyzed hydroamination reaction. <i>Chemical Communications</i> , 2013, 49, 6800.	4.1	28
10	Thiophene based hyperbranched polymers with tunable branching using direct arylation methods. <i>Polymer Chemistry</i> , 2013, 4, 3499.	3.9	79
11	Enantioselective Palladium-Catalyzed Diamination of Alkenes Using <i>N</i> -Fluorobenzenesulfonimide. <i>Journal of the American Chemical Society</i> , 2013, 135, 8854-8856.	13.7	160
12	Palladium(II)-Catalyzed Intramolecular Hydroamination of 1,3-Dienes to Give Homoallylic Amines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13311-13313.	13.8	30
13	Palladium-Catalyzed Cross-Coupling of <i>N</i> -Sulfonylaziridines with Boronic Acids. <i>Journal of the American Chemical Society</i> , 2013, 135, 18347-18349.	13.7	75
14	Metal-Free Highly Regioselective Aminotrifluoroacetoxylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2010, 132, 1249-1251.	13.7	168
15	Platinum-Catalyzed Intramolecular Hydrohydrazination: Evidence for Alkene Insertion into a Pt-N Bond. <i>Journal of the American Chemical Society</i> , 2010, 132, 5043-5053.	13.7	50
16	Computational Design of an Enzyme Catalyst for a Stereoselective Bimolecular Diels-Alder Reaction. <i>Science</i> , 2010, 329, 309-313.	12.6	776
17	Palladium-Catalyzed Alkoxyamination of Alkenes with Use of <i>N</i> -Fluorobenzenesulfonimide as Oxidant. <i>Journal of Organic Chemistry</i> , 2010, 75, 6294-6296.	3.2	57
18	Reversal of enantioselectivity using tethered bisguanidine catalysts in the aza-Henry reaction. <i>Tetrahedron Letters</i> , 2009, 50, 1016-1019.	1.4	33

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19	Palladium-Catalyzed Diamination of Unactivated Alkenes Using <i>N</i> -Fluorobenzenesulfonimide as Source of Electrophilic Nitrogen. <i>Organic Letters</i> , 2009, 11, 1147-1149.	4.6	237
20	Palladium-Catalyzed Carboamination of Alkenes Promoted by <i>N</i> -Fluorobenzenesulfonimide via C-H Activation of Arenes. <i>Journal of the American Chemical Society</i> , 2009, 131, 9488-9489.	13.7	276
21	Mechanism of <i>N</i> -Fluorobenzenesulfonimide Promoted Diamination and Carboamination Reactions: Divergent Reactivity of a Pd(IV) Species. <i>Journal of the American Chemical Society</i> , 2009, 131, 15945-15951.	13.7	298
22	Synthesis, Structural Characterization, and Quantitative Basicity Studies of Lithium Zirconimidate Complexes. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6073-6076.	13.8	14
23	Synthesis of 2,6-Disubstituted Piperazines by a Diastereoselective Palladium-Catalyzed Hydroamination Reaction. <i>Organic Letters</i> , 2008, 10, 329-332.	4.6	78
24	Palladium-Catalyzed Intramolecular Chloroamination of Alkenes. <i>Organic Letters</i> , 2008, 10, 793-796.	4.6	119
25	Metal-Free Oxidative Cyclization of Urea-Tethered Alkenes with Hypervalent Iodine. <i>Organic Letters</i> , 2008, 10, 5039-5042.	4.6	106
26	Reactivity of Low-Valent Iridium, Rhodium, and Platinum Complexes with Di- and Tetrasubstituted Hydrazines. <i>Organometallics</i> , 2008, 27, 2238-2245.	2.3	21
27	Mechanistic Studies of a Palladium-Catalyzed Intramolecular Hydroamination of Unactivated Alkenes: Protonolysis of a Stable Palladium Alkyl Complex Is the Turnover-Limiting Step. <i>Journal of the American Chemical Society</i> , 2008, 130, 2786-2792.	13.7	185
28	Synthesis and Reactivity of a Ruthenium(III) Bis(anilide) Dimer by Oxidative Addition of an <i>N,N</i> -Disubstituted Hydrazine. <i>Organometallics</i> , 2007, 26, 3297-3305.	2.3	22
29	Room Temperature Palladium-Catalyzed Intramolecular Hydroamination of Unactivated Alkenes. <i>Journal of the American Chemical Society</i> , 2006, 128, 4246-4247.	13.7	198
30	Rearrangements and Stereomutations of Metallacycles Derived from Allenes and Imidozirconium Complexes. <i>Journal of the American Chemical Society</i> , 2005, 127, 1752-1764.	13.7	40
31	Synthetic and Mechanistic Studies of Strained Heterocycle Opening Reactions Mediated by Zirconium(IV) Imido Complexes. <i>Organometallics</i> , 2005, 24, 1647-1659.	2.3	25
32	C-H Bond Activation of Hydrocarbons by an Imidozirconocene Complex. <i>ChemInform</i> , 2004, 35, no.	0.0	0
33	C-H Bond Activation of Hydrocarbons by an Imidozirconocene Complex. <i>Journal of the American Chemical Society</i> , 2004, 126, 1018-1019.	13.7	130
34	Application of Chiral Mixed Phosphorus/Sulfur Ligands to Enantioselective Rhodium-Catalyzed Dehydroamino Acid Hydrogenation and Ketone Hydrosilylation Processes. <i>Journal of the American Chemical Society</i> , 2003, 125, 3534-3543.	13.7	245
35	Application of Chiral Mixed Phosphorus/Sulfur Ligands to Enantioselective Rhodium-Catalyzed Dehydroamino Acid Hydrogenation and Ketone Hydrosilylation Processes. <i>ChemInform</i> , 2003, 34, no.	0.0	0
36	Mechanisms of Allene Stereoinversion by Imidozirconium Complexes. <i>Journal of the American Chemical Society</i> , 2003, 125, 7184-7185.	13.7	44

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37	Application of Chiral Mixed Phosphorus/Sulfur Ligands to Palladium-Catalyzed Allylic Substitutions. <i>Journal of the American Chemical Society</i> , 2000, 122, 7905-7920.	13.7	289
38	Chiral Mixed Phosphorus/Sulfur Ligands for Palladium-Catalyzed Allylic Alkylations and Aminations. <i>Journal of Organic Chemistry</i> , 1999, 64, 2994-2995.	3.2	87
39	Reaction of benzocyclobutenoxides with nitriles: Synthesis of hypecumine and other 3-substituted isoquinolines. <i>Tetrahedron Letters</i> , 1994, 35, 9191-9194.	1.4	33