Aaron Aponick

List of Publications by Year
in descending order

69	3,152	159585	155660
papers	citations	30 h-index	55 g-index

82	82	82	2760
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Predicting the Stereochemistry of Diphenylphosphino Benzoic Acid (DPPBA)-Based Palladium-Catalyzed Asymmetric Allylic Alkylation Reactions:â€‰ A Working Model. Accounts of Chemical Research, 2006, 39, 747-760.	15.6	478
2	An Extremely Facile Synthesis of Furans, Pyrroles, and Thiophenes by the Dehydrative Cyclization of Propargyl Alcohols. Organic Letters, 2009, 11, 4624-4627.	4.6	228
3	Regioselectivity in the Au-catalyzed hydration and hydroalkoxylation of alkynes. Chemical Communications, 2015, 51, 8730-8741.	4.1	150
4	Goldâ€Catalyzed Dehydrative Transformations of Unsaturated Alcohols. European Journal of Organic Chemistry, 2011, 2011, 6605-6617.	2.4	130
5	Au-Catalyzed Cyclization of Monopropargylic Triols: An Expedient Synthesis of Monounsaturated Spiroketals. Organic Letters, 2009, 11, 121-124.	4.6	122
6	Design, Preparation, and Implementation of an Imidazole-Based Chiral Biaryl P,N-Ligand for Asymmetric Catalysis. Journal of the American Chemical Society, 2013, 135, 14548-14551.	13.7	117
7	Au-Catalyzed Cyclization of Monoallylic Diols. Organic Letters, 2008, 10, 669-671.	4.6	116
8	Enantioselective Copperâ€Catalyzed Quinoline Alkynylation. Angewandte Chemie - International Edition, 2015, 54, 15202-15206.	13.8	111
9	Palladium-Catalyzed Asymmetric Allylic Alkylation ofmeso-anddl-1,2-Divinylethylene Carbonate. Journal of the American Chemical Society, 2006, 128, 3931-3933.	13.7	99
10	Chirality Transfer in Au-Catalyzed Cyclization Reactions of Monoallylic Diols: Selective Access to Specific Enantiomers Based on Olefin Geometry. Organic Letters, 2011, 13, 1330-1333.	4.6	72
11	The Importance of Hydrogen Bonding to Stereoselectivity and Catalyst Turnover in Gold-Catalyzed Cyclization of Monoallylic Diols. Journal of the American Chemical Society, 2012, 134, 16307-16318.	13.7	67
12	Strategies for Spiroketal Synthesis Based on Transition-Metal Catalysis. Synthesis, 2012, 44, 3699-3721.	2.3	66
13	The tandem intermolecular hydroalkoxylation/claisen rearrangement. Chemical Communications, 2013, 49, 4157-4159.	4.1	65
14	A highly adaptable catalyst/substrate system for the synthesis of substituted chromenes. Chemical Communications, 2010, 46, 6849.	4.1	63
15	A Convergent Pdâ€Catalyzed Asymmetric Allylic Alkylation of dlâ€•and mesoâ€Divinylethylene Carbonate: Enantioselective Synthesis of (+)â€Australine Hydrochloride and Formal Synthesis of Isoaltholactone. Chemistry - A European Journal, 2007, 13, 9547-9560.	3.3	62
16	Catalytic Enantioselective Synthesis of Amino Skipped Diynes. Journal of the American Chemical Society, 2016, 138, 2150-2153.	13.7	62
17	Enantioselective Alkyne Conjugate Addition Enabled by Readily Tuned Atropisomeric P,N-Ligands. Journal of the American Chemical Society, 2017, 139, 3352-3355.	13.7	59
18	Incorporation of Axial Chirality into Phosphino-Imidazoline Ligands for Enantioselective Catalysis. ACS Catalysis, 2017, 7, 2133-2138.	11.2	55

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19	Intermolecular Noncovalent Hydroxy-Directed Enantioselective Heck Desymmetrization of Cyclopentenol: Computationally Driven Synthesis of Highly Functionalized cis-4-Arylcyclopentenol Scaffolds. Journal of Organic Chemistry, 2016, 81, 2010-2018.	3.2	54
20	Lipidic prodrug approach for improved oral drug delivery and therapy. Medicinal Research Reviews, 2019, 39, 579-607.	10.5	54
21	Enantioselective Total Synthesis of (â˜)â€Martinellic Acid. Angewandte Chemie - International Edition, 2015, 54, 15827-15830.	13.8	42
22	Lipids and Lipid-Processing Pathways in Drug Delivery and Therapeutics. International Journal of Molecular Sciences, 2020, 21, 3248.	4.1	41
23	A Facile Enantioselective Alkynylation of Chromones. Angewandte Chemie - International Edition, 2019, 58, 8416-8420.	13.8	38
24	Gold-Catalyzed Dehydrative Cyclization of Allylic Diols. Synthesis, 2008, 2008, 3356-3359.	2.3	37
25	Total Synthesis of Acortatarin A Using a Pd(II)-Catalyzed Spiroketalization Strategy. Journal of Organic Chemistry, 2012, 77, 8410-8416.	3.2	37
26	A comparative study of the Au-catalyzed cyclization of hydroxy-substituted allylic alcohols and ethers. Beilstein Journal of Organic Chemistry, 2011, 7, 802-807.	2.2	35
27	Controlling Regiochemistry in the Gold-Catalyzed Synthesis of Unsaturated Spiroketals. Organic Letters, 2014, 16, 5320-5323.	4.6	34
28	Reactions of Alkyllithium and Grignard Reagents with Benzoquinone:â€‰ Evidence for an Electron-Transfer Mechanism. Journal of Organic Chemistry, 1997, 62, 4874-4876.	3.2	32
29	Tandem Gold-Catalyzed Dehydrative Cyclization/Dielsâ€“Alder Reactions: Facile Access to Indolocarbazole Alkaloids. Organic Letters, 2015, 17, 1754-1757.	4.6	31
30	Formal Synthesis ofAspidospermaAlkaloids via the Intramolecular [3 + 2] Cycloaddition of 2-Azapentdienyllithiums. Organic Letters, 2006, 8, 1661-1664.	4.6	30
31	Phospholipid-drug conjugates as a novel oral drug targeting approach for the treatment of inflammatory bowel disease. European Journal of Pharmaceutical Sciences, 2017, 108, 78-85.	4.0	28
32	Multiple Mechanisms in Pd(II)-Catalyzed S_N2â€² Reactions of Allylic Alcohols. Journal of Organic Chemistry, 2013, 78, 7664-7673.	3.2	27
33	Quinone Alkylation Using Organocadmium Reagents:Â A General Synthesis of Quinols. Journal of Organic Chemistry, 1998, 63, 2676-2678.	3.2	26
34	Prospects and Challenges of Phospholipid-Based Prodrugs. Pharmaceutics, 2018, 10, 210.	4.5	24
35	Enol Acetates: Versatile Substrates for the Enantioselective Intermolecular Tsuji Allylation. Journal of the American Chemical Society, 2018, 140, 16152-16158.	13.7	23
36	Diastereoselective Synthesis of Protected 1,3-Diols by Catalytic Diol Relocation. Organic Letters, 2015, 17, 5574-5577.	4.6	22

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37	Determining the Authenticity of Gemstones Using Raman Spectroscopy. Journal of Chemical Education, 1998, 75, 465.	2.3	21
38	Double Allylation Reactions of (2-Azaallyl)stannanes:â€‰ Synthesis of N,N-Bis(3-butenyl)amines and Their Conversion to 2,3,6,7-Tetrahydroazepines via Ring-Closing Metathesis. Organic Letters, 2001, 3, 1327-1330.	4.6	21
39	Flavonoids from each of the six structural groups reactivate BRM, a possible cofactor for the anticancer effects of flavonoids. Carcinogenesis, 2014, 35, 2183-2193.	2.8	21
40	Pd^{II}â€Catalyzed Spiroketalization of Ketoallylic Diols. Chemistry - A European Journal, 2013, 19, 11613-11621.	3.3	20
41	Synthetic studies on the solanacol ABC ring system by cation-initiated cascade cyclization: implications for strigolactone biosynthesis. Organic and Biomolecular Chemistry, 2011, 9, 5350.	2.8	19
42	Phospholipid-Based Prodrugs for Drug Targeting in Inflammatory Bowel Disease: Computational Optimization and In-Vitro Correlation. Current Topics in Medicinal Chemistry, 2016, 16, 2543-2548.	2.1	18
43	Synthesis ofN,N-Bis(3-butenyl)amines from 2-Azaallyl Dication Synthetic Equivalents and Conversion to 2,3,6,7-Tetrahydroazepines by Ring-Closing Metathesis. Journal of Organic Chemistry, 2006, 71, 3533-3539.	3.2	17
44	Molecular Modeling-Guided Design of Phospholipid-Based Prodrugs. International Journal of Molecular Sciences, 2019, 20, 2210.	4.1	16
45	Phospholipid-Based Prodrugs for Colon-Targeted Drug Delivery: Experimental Study and In-Silico Simulations. Pharmaceutics, 2019, 11, 186.	4.5	16
46	Regioselective Organocadmium Alkylations of Substituted Quinones. Journal of Organic Chemistry, 2002, 67, 242-244.	3.2	15
47	Lactone Synthesis by Enantioselective Orthogonal Tandem Catalysis. Angewandte Chemie - International Edition, 2019, 58, 9485-9490.	13.8	15
48	Computational modeling and in-vitro/in-silico correlation of phospholipid-based prodrugs for targeted drug delivery in inflammatory bowel disease. Journal of Computer-Aided Molecular Design, 2017, 31, 1021-1028.	2.9	14
49	Studies on the asymmetric cycloaddition of 2-azaallyl anions with alkenes. Tetrahedron Letters, 2001, 42, 7361-7365.	1.4	13
50	Gold-Catalyzed Transformation of Unsaturated Alcohols. Topics in Current Chemistry, 2014, 357, 63-94.	4.0	13
51	Catalytic Dehydrative Lactonization of Allylic Alcohols. Organic Letters, 2018, 20, 3034-3038.	4.6	12
52	The prospects of lipidic prodrugs: an old approach with an emerging future. Future Medicinal Chemistry, 2019, 11, 2563-2571.	2.3	12
53	Synthesis of the Spirastrellolide A, B/C Spiroketal: Enabling Solutions for Problematic Au(I)-Catalyzed Spiroketalizations. Organic Letters, 2015, 17, 1902-1905.	4.6	9
54	Configuration Sampling With Fiveâ€Membered Atropisomeric P , N â€Ligands. Angewandte Chemie - International Edition, 2021, 60, 19604-19608.	13.8	9

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55	2â€(3â€Pyrrolinâ€1â€yl)â€1,4â€naphthoquinones: Photoactivated Alkylating Agents. European Journal of Organic Chemistry, 2008, 2008, 4264-4276.	2.4	8
56	Synthesis of Saturated Heterocycles via Metal-Catalyzed Allylic Alkylation Reactions. Topics in Heterocyclic Chemistry, 2013, , 157-186.	0.2	8
57	Enantioselective Lactonization by Ï€â€Acidâ€Catalyzed Allylic Substitution: A Complement to Ï€â€Allylmetal Chemistry. Angewandte Chemie - International Edition, 2021, 60, 22224-22229.	13.8	8
58	A Facile Enantioselective Alkynylation of Chromones. Angewandte Chemie, 2019, 131, 8504-8508.	2.0	7
59	Nitrogen Nucleophiles in Auâ€Catalyzed Dehydrative Cyclization Reactions. Israel Journal of Chemistry, 2013, 53, 923-931.	2.3	5
60	Lactone Synthesis by Enantioselective Orthogonal Tandem Catalysis. Angewandte Chemie, 2019, 131, 9585-9590.	2.0	5
61	Phospholipid Cyclosporine Prodrugs Targeted at Inflammatory Bowel Disease (IBD) Treatment: Design, Synthesis, and in Vitro Validation. ChemMedChem, 2020, 15, 1639-1644.	3.2	5
62	Prodrug-Based Targeting Approach for Inflammatory Bowel Diseases Therapy: Mechanistic Study of Phospholipid-Linker-Cyclosporine PLA2-Mediated Activation. International Journal of Molecular Sciences, 2022, 23, 2673.	4.1	5
63	PLA2-Triggered Activation of Cyclosporine-Phospholipid Prodrug as a Drug Targeting Approach in Inflammatory Bowel Disease Therapy. Pharmaceutics, 2022, 14, 675.	4.5	5
64	The Enantioselective Intermolecular Saegusa Allylation. ACS Catalysis, 2021, 11, 14842-14847.	11.2	3
65	Synthesis and Biological Evaluation of the Southern Hemisphere of Spirastrellolide A and Analogues. Journal of Organic Chemistry, 2020, 85, 13694-13709.	3.2	2
66	Configuration Sampling With Fiveâ€Membered Atropisomeric P , N â€Ligands. Angewandte Chemie, 2021, 133, 19756-19760.	2.0	1
67	Enantioselective Lactonization by Ï€â€Acidâ€Catalyzed Allylic Substitution: A Complement to Ï€â€Allylmetal Chemistry. Angewandte Chemie, 2021, 133, 22398-22403.	2.0	1
68	Tuning StackPhim Ligands: Applications in Enantioselective Borylation and Alkynylation. Synthesis, 2022, 54, 2157-2164.	2.3	1
69	Acortatarin A. Strategies and Tactics in Organic Synthesis, 2015, 11, 1-28.	0.1	0