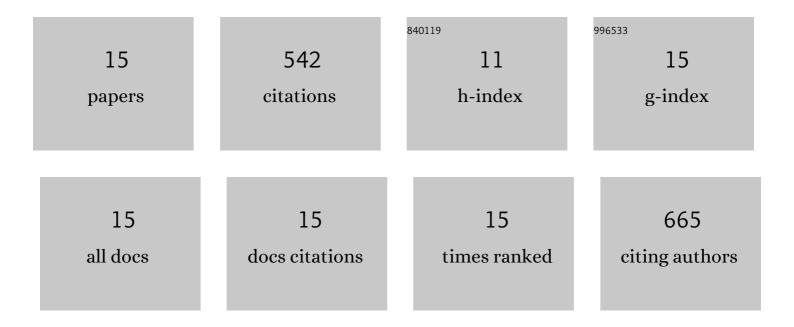
Matthew R Aronoff

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7582545/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Diazo Compounds: Versatile Tools for Chemical Biology. ACS Chemical Biology, 2016, 11, 3233-3244.	1.6	164
2	Diazo Groups Endure Metabolism and Enable Chemoselectivity in Cellulo. Journal of the American Chemical Society, 2015, 137, 2412-2415.	6.6	69
3	1,3-Dipolar Cycloadditions of Diazo Compounds in the Presence of Azides. Organic Letters, 2016, 18, 1538-1541.	2.4	59
4	Oligoprolines as Molecular Entities for Controlling Distance in Biological and Material Sciences. Accounts of Chemical Research, 2017, 50, 2420-2428.	7.6	49
5	γâ€Azaproline Confers pHâ€Responsiveness and Functionalizability on Collagen Triple Helices. Angewandte Chemie - International Edition, 2019, 58, 3143-3146.	7.2	36
6	Imaging and targeting LOX-mediated tissue remodeling with a reactive collagen peptide. Nature Chemical Biology, 2021, 17, 865-871.	3.9	29
7	Detection of Boronic Acids through Excited-State Intramolecular Proton-Transfer Fluorescence. Organic Letters, 2013, 15, 5382-5385.	2.4	25
8	Decreasing Distortion Energies without Strain: Diazo-Selective 1,3-Dipolar Cycloadditions. Journal of Organic Chemistry, 2016, 81, 5998-6006.	1.7	25
9	1,3-Dipolar Cycloaddition with Diazo Groups: Noncovalent Interactions Overwhelm Strain. Organic Letters, 2016, 18, 4466-4469.	2.4	23
10	Concise, protecting group free total syntheses of (+)-sattabacin and (+)-4-hydroxysattabacin. Tetrahedron Letters, 2010, 51, 6375-6377.	0.7	16
11	Rapid cycloaddition of a diazo group with an unstrained dipolarophile. Tetrahedron Letters, 2016, 57, 2347-2350.	0.7	15
12	Alkylation of γâ€Azaproline Creates Conformationally Adaptable Proline Derivatives for pHâ€Responsive Collagen Triple Helices. Chemistry - A European Journal, 2020, 26, 5070-5074.	1.7	11
13	A divalent protecting group for benzoxaboroles. RSC Advances, 2013, 3, 21331.	1.7	8
14	Recent Advances in Bioorthogonal Reactions. Chimia, 2019, 73, 308.	0.3	7
15	γâ€Azaproline Confers pHâ€Responsiveness and Functionalizability on Collagen Triple Helices. Angewandte Chemie. 2019. 131. 3175-3178.	1.6	6