

# David Sarlah

## List of Publications by Citations

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76  
papers

8,012  
citations

34  
h-index

89  
g-index

107  
ext. papers

8,801  
ext. citations

11.6  
avg, IF

6.47  
L-index

#	Paper	IF	Citations
76	Palladium-catalyzed cross-coupling reactions in total synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 4442-89	16.4	2195
75	Metathesis reactions in total synthesis. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 4490-527	16.4	1048
74	Palladiumkatalysierte Kreuzkupplungen in der Totalsynthese. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 4516-4563	3.6	615
73	Enantio- and diastereodivergent dual catalysis: $\beta$ -allylation of branched aldehydes. <i>Science</i> , <b>2013</b> , 340, 1065-8	33.3	599
72	Metathesereaktionen in der Totalsynthese. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 4564-4601	3.6	323
71	Stereodivergent $\beta$ -allylation of linear aldehydes with dual iridium and amine catalysis. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 3020-3	16.4	281
70	Iridium-catalyzed enantioselective allylic vinylation. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 994-7	16.4	203
69	Recent advances in chemical dearomatization of nonactivated arenes. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 7996-8017	58.5	189
68	Iridium-catalyzed enantioselective polyene cyclization. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 20276-8	16.4	172
67	Enantioselective intramolecular Friedel-Crafts-type alpha-arylation of aldehydes. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 2086-7	16.4	163
66	Iridium-catalyzed enantioselective allylic alkynylation. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 7532-5	16.4	120
65	Iridium-catalyzed enantioselective allyl-alkene coupling. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 3006-9	16.4	116
64	Synthesis and biological evaluation of epidithio-, epitetrathio-, and bis-(methylthio)diketopiperazines: synthetic methodology, enantioselective total synthesis of epicoccin G, 8,8 $\beta$ -epi-ent-rostratin B, gliotoxin, gliotoxin G, emethallicin E, and haematocin and discovery of new antiviral and antimalarial agents. <i>Journal of the American Chemical Society</i> , <b>2012</b> ,	16.4	101
63	Stereodivergent total synthesis of $\beta$ -tetrahydrocannabinols. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 13898-901	16.4	99
62	Total synthesis and revised structure of biyouyanagin A. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 4708-11	16.4	98
61	Total synthesis of hirsutellone B. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 6870-4	16.4	94
60	Dearomative dihydroxylation with arenophiles. <i>Nature Chemistry</i> , <b>2016</b> , 8, 922-8	17.6	88

59	Total synthesis, revised structure, and biological evaluation of biyouyanagin A and analogues thereof. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 11114-21	16.4	84
58	Amphotericin B increases influenza A virus infection by preventing IFITM3-mediated restriction. <i>Cell Reports</i> , <b>2013</b> , 5, 895-908	10.6	78
57	Iridium-catalyzed enantioselective allylic alkylation with functionalized organozinc bromides. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 7644-7	16.4	76
56	Iridium-catalyzed enantioselective allyl-allylsilane cross-coupling. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 10759-62	16.4	75
55	Total synthesis of epicoccin G. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 8150-3	16.4	72
54	Total synthesis and structural elucidation of azaspiracid-1. Construction of key building blocks for originally proposed structure. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 2244-57	16.4	64
53	Iridium-Catalyzed Enantioselective Allylic Alkynylation. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 7680-7683	3.6	52
52	Visible-Light-Induced Dearomatizations. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 1259-1273	3.2	52
51	Enantioselective polyene cyclizations. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 5454-67	3.9	51
50	Enantioselective Iridium-Catalyzed Allylic Cyclizations. <i>Organic Letters</i> , <b>2017</b> , 19, 3235-3238	6.2	50
49	Synthesis of (+)-Pancratistatins via Catalytic Desymmetrization of Benzene. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 15656-15659	16.4	50
48	Nickel-Catalyzed Dearomative trans-1,2-Carboamination. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 4503-4507	16.4	49
47	Shaping Molecular Landscapes: Recent Advances, Opportunities, and Challenges in Dearomatization. <i>CheM</i> , <b>2020</b> , 6, 1589-1603	16.2	44
46	Highly selective Diels-Alder reactions of directly connected enyne dienophiles. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 645-57	16.4	42
45	Palladium-Catalyzed Dearomative syn-1,4-Carboamination. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 17787-17790	16.4	38
44	Asymmetric total synthesis of cylindrocyclophanes A and F through cyclodimerization and a Ramberg-Bäcklund reaction. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 5875-8	16.4	37
43	Enantioselective Synthesis of Isocarbostryl Alkaloids and Analogs Using Catalytic Dearomative Functionalization of Benzene. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 657-670	16.4	37
42	Bioinspired synthesis of hirsutellones A, B, and C. <i>Organic Letters</i> , <b>2011</b> , 13, 5708-10	6.2	33

41	Stereodivergent Total Synthesis of $\Delta^9$ -Tetrahydrocannabinols. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 14118-14136	3.6	32
40	Design, synthesis, and biological evaluation of a biyouyanagin compound library. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 6715-20	11.5	32
39	Palladium-Catalyzed Dearomative syn-1,4-Diamination. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 163-167	16.4	31
38	Arenophile-Mediated Dearomative Reduction. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 15910-15914	16.4	31
37	Iridium-Catalyzed Enantioselective Allylic Alkylation with Functionalized Organozinc Bromides. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 7754-7757	3.6	30
36	Total Synthesis and Revised Structure of Biyouyanagin A. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 4792-4795	3.6	29
35	Iridium-Catalyzed Enantioselective Allyl-Allylsilane Cross-Coupling. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 10935-10938	3.6	28
34	Total Synthesis of Lycoricidine and Narciclasine by Chemical Dearomatization of Bromobenzene. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 15049-15052	16.4	26
33	Stereochemical studies of the opening of chloro vinyl epoxides: cyclic chloronium ions as intermediates. <i>Organic Letters</i> , <b>2015</b> , 17, 1878-81	6.2	24
32	Arenophile-Mediated Dearomative Functionalization Strategies. <i>Synlett</i> , <b>2018</b> , 29, 845-855	2.2	23
31	Palladium-Catalyzed Dearomative syn-1,4-Carboamination with Grignard Reagents. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 10245-10249	16.4	21
30	Total synthesis and structural revision of biyouyanagin B. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 7678-88	3.6	20
29	Combination of antimicrobial and endotoxin-neutralizing activities of novel oleoylamines. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2005</b> , 49, 2307-13	5.9	20
28	Chemical Equivalent of Arene Monooxygenases: Dearomative Synthesis of Arene Oxides and Oxepines. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 10125-10131	16.4	17
27	Total Synthesis of Hirsutellone B. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 7002-7006	3.6	15
26	Total Synthesis of Isomalabaricane Triterpenoids. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14131-14135	16.4	12
25	Arenophile-Mediated Dearomative Reduction. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 16142-16146	3.6	12
24	Empowering Synthesis of Complex Natural Products. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13248-13280	3.6	11

23	Total Synthesis and Computational Investigations of Sesquiterpene-Tropolones Ameliorate Stereochemical Inconsistencies and Resolve an Ambiguous Biosynthetic Relationship. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 6006-6017	16.4	11
22	Synthesis of (E)-Idarubicinone via Global Functionalization of Tetracene. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 10193-10198	16.4	9
21	Arenophile-Mediated Photochemical Dearomatization of Nonactivated Arenes. <i>Chimia</i> , <b>2020</b> , 74, 577-583	3.3	9
20	Synthesis of Naphthalene-Based Push-Pull Molecules with a Heteroaromatic Electron Acceptor. <i>Molecules</i> , <b>2016</b> , 21, 267	4.8	9
19	Asymmetric Total Synthesis of Cylihydrocyclophanes A and F through Cyclodimerization and a Ramberg-Bäcklund Reaction. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 6011-6014	3.6	8
18	Palladium-Catalyzed Dearomative syn-1,4-Oxyamination. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 15762-15766	16.4	7
17	Diversity-oriented synthesis of nanographenes enabled by dearomative annulative E-extension. <i>Nature Communications</i> , <b>2021</b> , 12, 3940	17.4	7
16	Synthetic Studies on Selective, Proapoptotic Isomalabaricane Triterpenoids Aided by Computational Techniques. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 2138-2155	16.4	7
15	Total Synthesis of Lycoricidine and Narciclasine by Chemical Dearomatization of Bromobenzene. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 15245-15248	3.6	6
14	Palladium-Catalyzed Dearomative syn-1,4-Carboamination with Grignard Reagents. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 10351-10355	3.6	6
13	Structure Prediction and Synthesis of Pyridine-Based Macrocyclic Peptide Natural Products. <i>Organic Letters</i> , <b>2021</b> , 23, 253-256	6.2	5
12	Electrochemical Dearomatization of Commodity Polymers. <i>Journal of the American Chemical Society</i> , <b>2021</b> ,	16.4	5
11	A new approach towards the synthesis of bielschowskysin: Synthesis and photochemistry of an advanced macrocyclic enedione intermediate. <i>Tetrahedron</i> , <b>2020</b> , 76, 131318	2.4	3
10	Organic chemistry: No double bond left behind. <i>Nature</i> , <b>2016</b> , 531, 453-4	50.4	3
9	The influence of terpenes on the release of volatile organic compounds and active ingredients to cannabis vaping aerosols.. <i>RSC Advances</i> , <b>2021</b> , 11, 11714-11723	3.7	3
8	Total Synthesis of Stelletins through an Unconventional Annulation Strategy. <i>Accounts of Chemical Research</i> , <b>2021</b> , 54, 1597-1609	24.3	3
7	Cover Picture: Palladium-Catalyzed Cross-Coupling Reactions in Total Synthesis / Metathesis Reactions in Total Synthesis (Angew. Chem. Int. Ed. 29/2005). <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 4413-4413	16.4	2
6	Titelbild: Palladiumkatalysierte Kreuzkupplungen in der Totalsynthese / Metathesereaktionen in der Totalsynthese (Angew. Chem. 29/2005). <i>Angewandte Chemie</i> , <b>2005</b> , 117, 4487-4487	3.6	2

5	Iridium-Catalyzed Enantioselective Allylic Vinylation with Potassium Alkenyltrifluoroborates <sup>1-12</sup>		1
4	Development of a Scalable and Sublimation-Free Route to MTAD. <i>Organic Process Research and Development</i> , <b>2020</b> , 24, 2953-2959	3.9	1
3	Palladium-Catalyzed Dearomative syn-1,4-Oxyamination. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 15909-15913	3.6	1
2	Amaryllidaceae isocarbostryl alkaloids. <i>Strategies and Tactics in Organic Synthesis</i> , <b>2022</b> , 15, 1-52	0.2	
1	4-Methyl-1,2,4-triazoline-3,5-dione <sup>1-11</sup>		