

# Sarah E Reisman

## List of Publications by Year in descending order

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67  
papers

8,132  
citations

94269

37  
h-index

98622

67  
g-index

85  
all docs

85  
docs citations

85  
times ranked

8509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbiota Modulate Behavioral and Physiological Abnormalities Associated with Neurodevelopmental Disorders. <i>Cell</i> , 2013, 155, 1451-1463.	13.5	2,596
2	Enantioselective and Enantiospecific Transition-Metal-Catalyzed Cross-Coupling Reactions of Organometallic Reagents To Construct C-C Bonds. <i>Chemical Reviews</i> , 2015, 115, 9587-9652.	23.0	717
3	Nickel-Catalyzed Enantioselective Reductive Cross-Coupling Reactions. <i>ACS Catalysis</i> , 2020, 10, 8237-8246.	5.5	362
4	Catalytic Asymmetric Reductive Acyl Cross-Coupling: Synthesis of Enantioenriched Acyclic $\alpha,\beta$ -Disubstituted Ketones. <i>Journal of the American Chemical Society</i> , 2013, 135, 7442-7445.	6.6	349
5	Nickel-Catalyzed Asymmetric Reductive Cross-Coupling Between Vinyl and Benzyl Electrophiles. <i>Journal of the American Chemical Society</i> , 2014, 136, 14365-14368.	6.6	239
6	Nickel-Catalyzed Asymmetric Reductive Cross-Coupling To Access 1,1-Diarylalkanes. <i>Journal of the American Chemical Society</i> , 2017, 139, 5684-5687.	6.6	218
7	Enantioselective Synthesis of Pyrroloindolines by a Formal [3 + 2] Cycloaddition Reaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 14418-14420.	6.6	202
8	Nickel-Catalyzed Asymmetric Reductive Cross-Coupling between Heteroaryl Iodides and $\alpha$ -Chloronitriles. <i>Journal of the American Chemical Society</i> , 2015, 137, 10480-10483.	6.6	202
9	Enantioselective Electroreductive Coupling of Alkenyl and Benzyl Halides via Nickel Catalysis. <i>ACS Catalysis</i> , 2019, 9, 6751-6754.	5.5	183
10	Recent Developments in the Catalytic, Asymmetric Construction of Pyrroloindolines Bearing All-Carbon Quaternary Stereocenters. <i>Journal of Organic Chemistry</i> , 2013, 78, 12314-12320.	1.7	177
11	Synthesis of Enantioenriched Allylic Silanes via Nickel-Catalyzed Reductive Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2018, 140, 139-142.	6.6	167
12	Evolution of a Synthetic Strategy: Total Synthesis of ( $\alpha$ )-Welwitindolinone A Isonitrile. <i>Journal of the American Chemical Society</i> , 2008, 130, 2087-2100.	6.6	161
13	Nickel-Catalyzed Enantioselective Cross-Coupling of $\alpha$ -Hydroxyphthalimide Esters with Vinyl Bromides. <i>Organic Letters</i> , 2017, 19, 2150-2153.	2.4	159
14	A Concise Total Synthesis of ( $\alpha$ )-Maoecrystal Z. <i>Journal of the American Chemical Society</i> , 2011, 133, 14964-14967.	6.6	144
15	Total Synthesis of ( $\alpha$ )-Welwitindolinone A Isonitrile. <i>Journal of the American Chemical Society</i> , 2006, 128, 1448-1449.	6.6	136
16	Copper-Catalyzed Diastereoselective Arylation of Tryptophan Derivatives: Total Synthesis of (+)-Naseezazines A and B. <i>Journal of the American Chemical Society</i> , 2013, 135, 5557-5560.	6.6	130
17	Enantioselective Total Synthesis of (+)-Psiguadial B. <i>Journal of the American Chemical Society</i> , 2016, 138, 9803-9806.	6.6	130
18	Enantioselective Synthesis of Tryptophan Derivatives by a Tandem Friedel-Crafts Conjugate Addition/Asymmetric Protonation Reaction. <i>Journal of the American Chemical Society</i> , 2012, 134, 5131-5137.	6.6	112

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19	A Unified Strategy to <i>ent</i> -Kauranoid Natural Products: Total Syntheses of (âˆ™)-Trichorabdal A and (âˆ™)-Longikaurin E. <i>Journal of the American Chemical Society</i> , 2013, 135, 11764-11767.	6.6	104
20	Enantioselective Total Synthesis of (âˆ™)-Acetylaranotin, a Dihydrooxepine Epidithiodiketopiperazine. <i>Journal of the American Chemical Society</i> , 2012, 134, 1930-1933.	6.6	98
21	A 15-step synthesis of (+)-ryanodol. <i>Science</i> , 2016, 353, 912-915.	6.0	94
22	Total Synthesis of (+)-Pleuromutilin. <i>Journal of the American Chemical Society</i> , 2018, 140, 1267-1270.	6.6	87
23	Enantioselective Total Synthesis of (âˆ™)-Lansaiâ€…B and (+)-Nocardioazinesâ€…A and B. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6206-6210.	7.2	85
24	Electrochemical Nozakiâ€“Hiyamaâ€“Kishi Coupling: Scope, Applications, and Mechanism. <i>Journal of the American Chemical Society</i> , 2021, 143, 9478-9488.	6.6	78
25	Short, Enantioselective Total Syntheses of (âˆ™)-Demethoxyrunanine and (âˆ™)-Cepharatinesâ€…A, C, and D. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9447-9451.	7.2	65
26	Cobalt-electrocatalytic HAT for functionalization of unsaturated Câ€“C bonds. <i>Nature</i> , 2022, 605, 687-695.	13.7	65
27	Palladium-catalyzed cascade cyclizations involving Câ€“C and Câ€“X bond formation: strategic applications in natural product synthesis. <i>Chemical Society Reviews</i> , 2021, 50, 7891-7908.	18.7	62
28	Benzoquinone-derived sulfinyl imines as versatile intermediates for alkaloid synthesis: Total synthesis of (âˆ™)-3-demethoxyerythratidinone. <i>Chemical Science</i> , 2011, 2, 1086.	3.7	60
29	Catalytic asymmetric synthesis of highly substituted pyrrolizidines. <i>Chemical Science</i> , 2013, 4, 650-654.	3.7	59
30	A 16-step synthesis of the isoryanodane diterpene (+)-perseanol. <i>Nature</i> , 2019, 573, 563-567.	13.7	55
31	A modular approach to prepare enantioenriched cyclobutanes: synthesis of (+)-rumphellaone A. <i>Chemical Science</i> , 2019, 10, 2315-2319.	3.7	50
32	Nickelâ€“Catalyzed Conversion of Enol Triflates into Alkenyl Halides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14901-14905.	7.2	49
33	Rapid Construction of the Aza-Propellane Core of Acutumine via a Photochemical [2 + 2] Cycloaddition Reaction. <i>Organic Letters</i> , 2012, 14, 4354-4357.	2.4	48
34	Pd-catalyzed Fukuyama cross-coupling of secondary organozinc reagents for the direct synthesis of unsymmetrical ketones. <i>Tetrahedron</i> , 2014, 70, 3259-3265.	1.0	47
35	A unified strategy for the synthesis of (âˆ™)-maoecrystal Z, (âˆ™)-trichorabdal A, and (âˆ™)-longikaurin E. <i>Tetrahedron</i> , 2014, 70, 4070-4088.	1.0	44
36	Diversity-Oriented Enzymatic Synthesis of Cyclopropane Building Blocks. <i>ACS Catalysis</i> , 2020, 10, 7112-7116.	5.5	43

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37	Evolution of a Strategy for the Enantioselective Total Synthesis of (+)-Psguadial B. <i>Journal of Organic Chemistry</i> , 2018, 83, 6066-6085.	1.7	42
38	Nickel-catalyzed asymmetric reductive cross-coupling of $\alpha$ -chloroesters with (hetero)aryl iodides. <i>Chemical Science</i> , 2021, 12, 7758-7762.	3.7	40
39	Direct, enantioselective synthesis of pyrroloindolines and indolines from simple indole derivatives. <i>Tetrahedron</i> , 2013, 69, 5622-5633.	1.0	39
40	Synthesis of Enantioenriched Indolines by a Conjugate Addition/Asymmetric Protonation/Aza $\alpha$ -Prins Cascade Reaction. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3398-3402.	7.2	35
41	A Mild and General Larock Indolization Protocol for the Preparation of Unnatural Tryptophans. <i>Organic Letters</i> , 2016, 18, 4750-4753.	2.4	35
42	Radical Deoxygenation of Cesium Oxalates for the Synthesis of Alkyl Chlorides. <i>Organic Letters</i> , 2018, 20, 4912-4916.	2.4	35
43	Multilabel Classification Models for the Prediction of Cross-Coupling Reaction Conditions. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 156-166.	2.5	34
44	Enantioselective Synthesis of ( $\alpha$ )-Acetylpoaranotin. <i>Organic Letters</i> , 2017, 19, 1698-1701.	2.4	26
45	Chemical Synthesis of (+)-Ryanodine and (+)-20-Deoxyspiganthine. <i>ACS Central Science</i> , 2017, 3, 278-282.	5.3	25
46	Total Synthesis of Ritterazine B. <i>Journal of the American Chemical Society</i> , 2021, 143, 4187-4192.	6.6	23
47	Organic Chemistry: A Call to Action for Diversity and Inclusion. <i>Journal of Organic Chemistry</i> , 2020, 85, 10287-10292.	1.7	18
48	Total Syntheses of the C <sub>19</sub> Diterpenoid Alkaloids ( $\alpha$ )-Talisamine, ( $\alpha$ )-Liljestrandisine, and ( $\alpha$ )-Liljestrandinine by a Fragment Coupling Approach. <i>ACS Central Science</i> , 2021, 7, 1311-1316.	5.3	18
49	Synthesis of Complex Diterpenes: Strategies Guided by Oxidation Pattern Analysis. <i>Accounts of Chemical Research</i> , 2021, 54, 1360-1373.	7.6	15
50	Nickel-Catalyzed Conversion of Enol Triflates into Alkenyl Halides. <i>Angewandte Chemie</i> , 2019, 131, 15043-15047.	1.6	14
51	Synthesis of Enantioenriched Indolines by a Conjugate Addition/Asymmetric Protonation/Aza $\alpha$ -Prins Cascade Reaction. <i>Angewandte Chemie</i> , 2016, 128, 3459-3463.	1.6	11
52	Total Synthesis of Complex Natural Products: More Than a Race for Molecular Summits. <i>Accounts of Chemical Research</i> , 2021, 54, 1815-1816.	7.6	11
53	Plugging the Leak: Empowering Women in Organic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	11
54	An Oxidative Dearomatization Approach To Prepare the Pentacyclic Core of Ryanodol. <i>Organic Letters</i> , 2018, 20, 3793-3796.	2.4	10

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55	Synthesis of Chiral Bisoxazoline Ligands: (3aR,3a'R,8aS,8a'S)-2,2'-(cyclopropane-1,1-diyl)bis(3a,8a-dihydro-8H-indeno[1,2-d]oxazole). <i>Organic Syntheses</i> , 2020, 97, 172-188.	1.0	9
56	Enantioselective Synthesis of (âˆ“)â€”10â€”Hydroxyacutuminine. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	9
57	Organic Chemistry: A Call to Action for Diversity and Inclusion. <i>Organic Letters</i> , 2020, 22, 6223-6228.	2.4	8
58	SeO<sub>2</sub>-Mediated Oxidative Transposition of Pausonâ€™Khand Products. <i>Journal of the American Chemical Society</i> , 2020, 142, 6483-6487.	6.6	8
59	A cationic cysteine-hydrazide as an enrichment tool for the mass spectrometric characterization of bacterial free oligosaccharides. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6181-6190.	1.9	7
60	A copper-catalyzed asymmetric oxime propargylation enables the synthesis of the gliovirin tetrahydro-1,2-oxazine core. <i>Chemical Science</i> , 2020, 11, 11897-11901.	3.7	6
61	Synthesis and Biological Evaluation of Pyrroloindolines as Positive Allosteric Modulators of the Î±1Î²2Î³2 GABA<sub>A</sub> Receptor. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 2204-2211.	1.3	4
62	Organic Chemistry: A Call to Action for Diversity and Inclusion. <i>Organometallics</i> , 2020, 39, 2931-2936.	1.1	3
63	Organic Chemistry: A Call to Action for Diversity and Inclusion. <i>ACS Central Science</i> , 2020, 6, 1241-1247.	5.3	1
64	Synthesis of Noraugustamine and Development of an Oxidative Heck/Aza-Wacker Cascade Cyclization. <i>Organic Letters</i> , 2022, 24, 3019-3023.	2.4	1
65	Enantioselective Synthesis of (â€”)â€”10â€”Hydroxyacutuminine. <i>Angewandte Chemie</i> , 0, , .	1.6	0
66	Plugging the Leak: Empowering Women in Organic Chemistry. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
67	Expanding the Chiral Monoterpene Pool: Enantioselective Dielsâ€™Alder Reactions of Î±-Acyloxy Enones. <i>Organic Letters</i> , 0, , .	2.4	0