

# Jeffrey S Johnson

## List of Publications by Year in descending order

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99  
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6,873  
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61984

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docs citations

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times ranked

4317  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dearomative Synthesis of Chiral Dienes Enables Improved Late-Stage Ligand Diversification. <i>Organic Letters</i> , 2022, 24, 1791-1795.	4.6	4
2	An Oxidative Dearomatization Approach to Tetrodotoxin via a Masked <i>ortho</i> -Benzoquinone. <i>Organic Letters</i> , 2022, 24, 559-563.	4.6	7
3	Doubly stereoconvergent crystallization enabled by asymmetric catalysis. <i>Science</i> , 2022, 376, 1224-1230.	12.6	26
4	Stereodivergent Nucleophilic Additions to Racemic $\hat{2}$ -Oxo Acid Derivatives: Fast Addition Outcompetes Stereoconvergence in the Archetypal Configurationally Unstable Electrophile. <i>Journal of the American Chemical Society</i> , 2021, 143, 16264-16273.	13.7	7
5	Catalytic, Asymmetric Dearomative Synthesis of Complex Cyclohexanes via a Highly Regio- and Stereoselective Arene Cyclopropanation Using $\hat{1}$ -Cyanodiazooacetates. <i>Journal of the American Chemical Society</i> , 2020, 142, 6449-6455.	13.7	34
6	<i>De Novo</i> Synthesis of the DEF-Ring Stereotriad Core of the <i>Veratrum</i> Alkaloids. <i>Journal of Organic Chemistry</i> , 2020, 85, 6808-6814.	3.2	8
7	Progress toward a Convergent, Asymmetric Synthesis of Jervine. <i>Organic Letters</i> , 2020, 22, 3537-3541.	4.6	15
8	Phenolic Oxidation Using $H_2O_2$ via in Situ Generated <i>para</i> -Quinone Methides for the Preparation of <i>para</i> -Spiroepoxydienones. <i>Organic Letters</i> , 2019, 21, 6504-6507.	4.6	18
9	Enantioselective Phenolic $\hat{1}$ -Oxidation Using $H_2O_2$ via an Unusual Double Dearomatization Mechanism. <i>Journal of the American Chemical Society</i> , 2019, 141, 2645-2651.	13.7	22
10	Stereoconvergent Conjugate Addition of Arylboronic Acids to $\hat{1}$ -Angelica Lactone Derivatives: Synthesis of Stereochemically Complex $\hat{3}$ -Butyrolactones. <i>ACS Catalysis</i> , 2019, 9, 11614-11618.	11.2	14
11	Formation of Complex $\hat{1}$ -Imino Esters via Multihetero-Cope Rearrangement of $\hat{1}$ -Keto Ester Derived Nitrones. <i>Synthesis</i> , 2019, 51, 203-212.	2.3	3
12	Asymmetric Organocatalytic Sulfa-Michael Addition to Enone Diesters. <i>Journal of Organic Chemistry</i> , 2018, 83, 3385-3391.	3.2	39
13	Synthesis and Desymmetrization of <i>meso</i> Tricyclic Systems Derived from Benzene Oxide. <i>Journal of Organic Chemistry</i> , 2018, 83, 4859-4866.	3.2	8
14	Enantioconvergent hydrogenations. <i>Nature Catalysis</i> , 2018, 1, 379-380.	34.4	0
15	Local Desymmetrization through Diastereotopic Group Selection: An Enabling Strategy for Natural Product Synthesis. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1381-1390.	2.4	23
16	Synthesis of Complex Tertiary Glycolates by Enantioconvergent Arylation of Stereochemically Labile $\hat{1}$ -Keto Esters. <i>Journal of the American Chemical Society</i> , 2017, 139, 3911-3916.	13.7	32
17	Diastereoselective Organocatalytic Addition of $\hat{1}$ -Angelica Lactone to $\hat{2}$ -Halo- $\hat{1}$ -ketoesters. <i>Journal of Organic Chemistry</i> , 2017, 82, 2276-2280.	3.2	14
18	Palladium-Catalyzed $\hat{2}$ -Arylation of $\hat{1}$ -Keto Esters. <i>Organic Letters</i> , 2017, 19, 2126-2129.	4.6	12

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19	Phosphite-Mediated Reductive Cross-Coupling of Isatins and Nitro $\alpha$ -styrenes. <i>Synthesis</i> , 2017, 49, 2663-2676.	2.3	9
20	Direct Zinc(II)-Catalyzed Enantioconvergent Additions of Terminal Alkynes to $\alpha$ -Keto Esters. <i>Angewandte Chemie</i> , 2017, 129, 8931-8934.	2.0	7
21	Direct Zinc(II)-Catalyzed Enantioconvergent Additions of Terminal Alkynes to $\alpha$ -Keto Esters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8805-8808.	13.8	29
22	Chemoselective and Diastereoconvergent Cu(II)-Catalyzed Aerobic Endoperoxidation of Polycarbonyls. <i>Organic Letters</i> , 2017, 19, 3107-3110.	4.6	13
23	Enantio- and Diastereoselective Organocatalytic Conjugate Additions of Nitroalkanes to Enone Diesters. <i>Organic Letters</i> , 2017, 19, 5783-5785.	4.6	27
24	Highly Functionalized Tricyclic Oxazinanones via Pairwise Oxidative Dearomatization and <i>N</i> -Hydroxycarbamate Dehydrogenation: Molecular Diversity Inspired by Tetrodotoxin. <i>Journal of the American Chemical Society</i> , 2017, 139, 12422-12425.	13.7	32
25	Synthesis of Complex Glycolates by Enantioconvergent Addition Reactions. <i>Accounts of Chemical Research</i> , 2017, 50, 2284-2296.	15.6	23
26	Catalytic Enantioselective [3 + 2] Cycloaddition of $\alpha$ -Keto Ester Enolates and Nitrile Oxides. <i>Journal of the American Chemical Society</i> , 2017, 139, 8661-8666.	13.7	40
27	Phosphazene-catalyzed desymmetrization of cyclohexadienones by dithiane addition. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 762-767.	2.2	2
28	Kinetic Separation and Asymmetric Reactions of Norcaradiene Cycloadducts: Facilitated Access via $H_{2O}$ -Accelerated Cycloaddition. <i>Organic Letters</i> , 2016, 18, 536-539.	4.6	21
29	Asymmetric Organocatalytic Reductive Coupling Reactions between Benzylidene Pyruvates and Aldehydes. <i>Organic Letters</i> , 2016, 18, 36-39.	4.6	70
30	An Asymmetric Vinylogous Michael Cascade of Silyl Glyoximide, Vinyl Grignard, and Nitroalkenes via Long Range Stereoinduction. <i>Journal of Organic Chemistry</i> , 2016, 81, 1712-1717.	3.2	15
31	Asymmetric Synthesis of $\beta$ -Amino Amides by Catalytic Enantioconvergent 2-Aza-Cope Rearrangement. <i>Journal of the American Chemical Society</i> , 2015, 137, 14574-14577.	13.7	43
32	Preparation and biological evaluation of synthetic and polymer-encapsulated congeners of the antitumor agent pactamycin: Insight into functional group effects and biological activity. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1849-1857.	3.0	17
33	Asymmetric Total Syntheses of Megacerotonic Acid and Shimobashiric Acid A. <i>Organic Letters</i> , 2015, 17, 1188-1191.	4.6	16
34	A Global and Local Desymmetrization Approach to the Synthesis of Steroidal Alkaloids: Stereocontrolled Total Synthesis of Paspaline. <i>Journal of the American Chemical Society</i> , 2015, 137, 4968-4971.	13.7	82
35	Asymmetric Total Synthesis of the Indole Diterpene Alkaloid Paspaline. <i>Journal of Organic Chemistry</i> , 2015, 80, 9740-9766.	3.2	63
36	Enantioselective reductive multicomponent coupling reactions between isatins and aldehydes. <i>Chemical Science</i> , 2015, 6, 6086-6090.	7.4	69

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37	A Scalable Protocol for the Regioselective Alkylation of 2-Methylcyclohexane-1,3-dione with Unactivated sp <sup>3</sup> Electrophiles. <i>Synlett</i> , 2015, 26, 2293-2295.	1.8	2
38	Enantioconvergent Synthesis of Functionalized $\hat{1}^3$ -Butyrolactones via (3 + 2)-Annulation. <i>Journal of the American Chemical Society</i> , 2015, 137, 122-125.	13.7	74
39	Dynamic Kinetic Asymmetric Cross-Benzoin Additions of $\hat{1}^2$ -Stereogenic $\hat{1}^\pm$ -Keto Esters. <i>Journal of the American Chemical Society</i> , 2014, 136, 14698-14701.	13.7	73
40	Dynamic Kinetic Asymmetric Transformations of $\hat{1}^2$ -Stereogenic $\hat{1}^\pm$ -Ketoesters by Direct Aldolization. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 255-259.	13.8	35
41	Asymmetric Synthesis of the Aminocyclitol Pactamycin, a Universal Translocation Inhibitor. <i>Journal of the American Chemical Society</i> , 2013, 135, 17990-17998.	13.7	42
42	Enantioselective Synthesis of Pactamycin, a Complex Antitumor Antibiotic. <i>Science</i> , 2013, 340, 180-182.	12.6	83
43	Diametric Stereocontrol in Dynamic Catalytic Reduction of Racemic Acyl Phosphonates: Divergence from $\hat{1}^\pm$ -Keto Ester Congeners. <i>Journal of the American Chemical Society</i> , 2013, 135, 594-597.	13.7	66
44	Asymmetric Synthesis of anti- $\hat{1}^2$ -Amino- $\hat{1}^\pm$ -Hydroxy Esters via Dynamic Kinetic Resolution of $\hat{1}^2$ -Amino- $\hat{1}^\pm$ -Keto Esters. <i>Organic Letters</i> , 2013, 15, 2446-2449.	4.6	73
45	Enantioselective synthesis of hindered cyclic dialkyl ethers via catalytic oxa-Michael/Michael desymmetrization. <i>Chemical Science</i> , 2013, 4, 2828.	7.4	80
46	Alternaric acid: formal synthesis and related studies. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 166-172.	2.2	15
47	Cu(II)-Catalyzed Aerobic Hydroperoxidation of Meldrum's Acid Derivatives and Application in Intramolecular Oxidation: A Conceptual Blueprint for O <sub>2</sub> /H <sub>2</sub> Dihydroxylation. <i>Organic Letters</i> , 2012, 14, 5932-5935.	4.6	29
48	Asymmetric Synthesis of Diverse Glycolic Acid Scaffolds via Dynamic Kinetic Resolution of $\hat{1}^\pm$ -Keto Esters. <i>Journal of the American Chemical Society</i> , 2012, 134, 20197-20206.	13.7	72
49	Dynamic Kinetic Resolution of $\hat{1}^\pm$ -Keto Esters via Asymmetric Transfer Hydrogenation. <i>Journal of the American Chemical Society</i> , 2012, 134, 7329-7332.	13.7	111
50	$\hat{1}^\pm$ -Amination of keto-nitrones via Multihetero-Cope rearrangement employing an imidoyl chloride reagent. <i>Chemical Communications</i> , 2012, 48, 7568.	4.1	11
51	Construction of Cyclopentanol Derivatives via Three-Component Coupling of Silyl Glyoxylates, Acetylides, and Nitroalkenes. <i>Organic Letters</i> , 2012, 14, 652-655.	4.6	35
52	Three-Component Glycolate Michael Reactions of Enolates, Silyl Glyoxylates, and $\hat{1}^\pm, \hat{1}^2$ -Enones. <i>Journal of Organic Chemistry</i> , 2012, 77, 3246-3251.	3.2	18
53	Diastereocontrolled Construction of Pactamycin's Complex Ureido Triol Functional Array. <i>Organic Letters</i> , 2012, 14, 2878-2881.	4.6	31
54	Silyl Glyoxylates. Conception and Realization of Flexible Conjunctive Reagents for Multicomponent Coupling. <i>Journal of Organic Chemistry</i> , 2012, 77, 4503-4515.	3.2	58

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55	Base-Catalyzed Direct Aldolization of $\alpha$ -Alkyl- $\beta$ -Hydroxy Trialkyl Phosphonoacetates. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4685-4689.	13.8	104
56	Three-Component Coupling Approach to Trachypic Acid. <i>Organic Letters</i> , 2011, 13, 5136-5139.	4.6	32
57	Asymmetric Synthesis of $\alpha$ -Keto Esters via Cu(II)-Catalyzed Aerobic Deacylation of Acetoacetate Alkylation Products: An Unusually Simple Synthetic Equivalent to the Glyoxylate Anion Synthone. <i>Organic Letters</i> , 2011, 13, 2426-2429.	4.6	34
58	Complexity-Building Annulations of Strained Cycloalkanes and C-O Bonds. <i>Journal of Organic Chemistry</i> , 2010, 75, 6317-6325.	3.2	177
59	Three-Component Coupling Reactions of Silyl Glyoxylates, Vinyl Grignard Reagent, and Nitroalkenes: An Efficient, Highly Diastereoselective Approach to Nitrocyclopentanols. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8930-8933.	13.8	76
60	Lanthanum Tricyanide-Catalyzed Acyl Silane-Ketone Benzoin Additions and Kinetic Resolution of Resultant $\alpha$ -Silyloxyketones. <i>Journal of Organic Chemistry</i> , 2010, 75, 3317-3325.	3.2	31
61	Dynamic Kinetic Asymmetric Synthesis of Substituted Pyrrolidines from Racemic Cyclopropanes and Aldimines: Reaction Development and Mechanistic Insights. <i>Journal of the American Chemical Society</i> , 2010, 132, 9688-9692.	13.7	232
62	Lewis Acid-Promoted Friedel-Crafts Alkylation Reactions with $\alpha$ -Ketophosphate Electrophiles. <i>Organic Letters</i> , 2010, 12, 1784-1787.	4.6	47
63	Synthesis of $\alpha,\beta$ -Unsaturated Glycolic Acids via Sequenced Brook and Ireland-Claisen Rearrangements. <i>Organic Letters</i> , 2010, 12, 944-947.	4.6	42
64	Remote Stereinduction in the Acylation of Fully Substituted Enolates: Tandem Reformatsky/Quaternary Claisen Condensations of Silyl Glyoxylates and $\beta$ -Lactones. <i>Journal of the American Chemical Society</i> , 2010, 132, 17393-17395.	13.7	52
65	Catalytic Nucleophilic Glyoxylation of Aldehydes. <i>Organic Letters</i> , 2010, 12, 2864-2867.	4.6	26
66	Diastereoselective Synthesis of Pentasubstituted $\beta$ -Butyrolactones from Silyl Glyoxylates and Ketones through a Double Reformatsky Reaction. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3689-3691.	13.8	61
67	Catalytic Redox-Initiated Glycolate Aldol Additions of Silyl Glyoxylates. <i>Organic Letters</i> , 2009, 11, 827-830.	4.6	29
68	Lanthanum Tricyanide-Catalyzed Acyl Silane-Ketone Benzoin Additions. <i>Organic Letters</i> , 2009, 11, 3870-3873.	4.6	40
69	Catalytic Enantioselective Synthesis of Tetrahydrofurans: A Dynamic Kinetic Asymmetric [3 + 2] Cycloaddition of Racemic Cyclopropanes and Aldehydes. <i>Journal of the American Chemical Society</i> , 2009, 131, 3122-3123.	13.7	315
70	Self-Consistent Synthesis of the Squalene Synthase Inhibitor Zaragozic Acid C via Controlled Oligomerization. <i>Journal of the American Chemical Society</i> , 2008, 130, 17281-17283.	13.7	59
71	Enantioselective Metallophosphite-Catalyzed C-Acylation of Nitrones. <i>Journal of the American Chemical Society</i> , 2007, 129, 12944-12945.	13.7	53
72	Metallophosphite-Catalyzed Asymmetric Acylation of $\alpha,\beta$ -Unsaturated Amides. <i>Journal of the American Chemical Society</i> , 2006, 128, 2751-2756.	13.7	90

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73	Symbiotic Reagent Activation: Oppenauer Oxidation of Magnesium Alkoxides by Silylglyoxylates Triggers Second-Stage Aldolization. <i>Journal of the American Chemical Society</i> , 2006, 128, 9302-9303.	13.7	42
74	Metallophosphite-Induced Nucleophilic Acylation of $\alpha,\beta$ -Unsaturated Amides: Facilitated Catalysis by a Diastereoselective Retro [1,4] Brook Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2377-2379.	13.8	54
75	Metallophosphite-Induced Nucleophilic Acylation of $\alpha,\beta$ -Unsaturated Amides: Facilitated Catalysis by a Diastereoselective Retro [1,4] Brook Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4660-4660.	13.8	0
76	Metallophosphite-Induced Nucleophilic Acylation of $\alpha,\beta$ -Unsaturated Amides: Facilitated Catalysis by a Diastereoselective Retro [1,4] Brook Rearrangement.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
77	Copper-Catalyzed Electrophilic Amination of Functionalized Diarylzinc Reagents. <i>Journal of Organic Chemistry</i> , 2005, 70, 364-366.	3.2	93
78	Three-Component Coupling Reactions of Silylglyoxylates, Alkynes, and Aldehydes: A Chemoselective One-Step Glycolate Aldol Construction. <i>Journal of the American Chemical Society</i> , 2005, 127, 6170-6171.	13.7	74
79	Mechanism and Scope of the Cyanide-Catalyzed Cross Silyl Benzoin Reaction. <i>Journal of the American Chemical Society</i> , 2005, 127, 1833-1840.	13.7	86
80	Catalyzed Reactions of Acyl Anion Equivalents. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1326-1328.	13.8	237
81	Catalytic Asymmetric Acylation of (Silyloxy)nitrile Anions. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2652-2655.	13.8	57
82	Catalyzed Reactions of Acyl Anion Equivalents. <i>ChemInform</i> , 2004, 35, no.	0.0	0
83	Catalytic Asymmetric Acylation of (Silyloxy)nitrile Anions.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
84	Cross Silyl Benzoin Additions Catalyzed by Lanthanum Tricyanide. <i>Journal of Organic Chemistry</i> , 2004, 69, 4283-4285.	3.2	33
85	Enantioselective Cyanation/Brook Rearrangement/C-Acylation Reactions of Acylsilanes Catalyzed by Chiral Metal Alkoxides. <i>Journal of Organic Chemistry</i> , 2004, 69, 6548-6555.	3.2	62
86	Copper-Catalyzed Electrophilic Amination of Diorganozinc Reagents. <i>Journal of the American Chemical Society</i> , 2004, 126, 5680-5681.	13.7	284
87	Metallophosphites as Umpolung Catalysts: The Enantioselective Cross Silyl Benzoin Reaction. <i>Journal of the American Chemical Society</i> , 2004, 126, 3070-3071.	13.7	152
88	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2638-2640.	2.0	28
89	Kinetic Control in Direct $\alpha$ -Silyloxy Ketone Synthesis: A New Regiospecific Catalyzed Cross Silyl Benzoin Reaction.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
90	Kinetic Control in Direct $\alpha$ -Silyloxy Ketone Synthesis: A New Regiospecific Catalyzed Cross Silyl Benzoin Reaction. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2534-2536.	13.8	100

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91	Tandem Carbon-Carbon Bond Constructions via Catalyzed Cyanation/Brook Rearrangement/C-Acylation Reactions of Acylsilanes. <i>Organic Letters</i> , 2002, 4, 2957-2960.	4.6	61
92	Enantioselective Synthesis of Dihydropyrans. Catalysis of Hetero Diels-Alder Reactions by Bis(oxazoline) Copper(II) Complexes. <i>Journal of the American Chemical Society</i> , 2000, 122, 1635-1649.	13.7	318
93	Chiral Bis(oxazoline) Copper(II) Complexes: Versatile Catalysts for Enantioselective Cycloaddition, Aldol, Michael, and Carbonyl Ene Reactions. <i>Accounts of Chemical Research</i> , 2000, 33, 325-335.	15.6	1,017
94	A General Method for the Synthesis of Enantiomerically Pure $\beta$ -Substituted, $\beta$ -Amino Acids through $\beta$ -Substituted Succinic Acid Derivatives. <i>Journal of Organic Chemistry</i> , 1999, 64, 6411-6417.	3.2	112
95	Bis(oxazoline) and Bis(oxazoliny)pyridine Copper Complexes as Enantioselective Diels-Alder Catalysts: Reaction Scope and Synthetic Applications. <i>Journal of the American Chemical Society</i> , 1999, 121, 7582-7594.	13.7	255
96	Catalytic Enantioselective Hetero Diels-Alder Reactions of $\beta$ , $\beta$ -Unsaturated Acyl Phosphonates with Enol Ethers. <i>Journal of the American Chemical Society</i> , 1998, 120, 4895-4896.	13.7	176
97	An Improved Procedure for the Preparation of 2,2-Bis[2-[4(S)-tert-butyl-1,3-oxazoliny]]propane [(S,S)-tert-Butylbis(oxazoline)] and Derived Copper(II) Complexes. <i>Journal of Organic Chemistry</i> , 1998, 63, 4541-4544.	3.2	141
98	Chiral C <sub>2</sub> -Symmetric Cu(II) Complexes as Catalysts for Enantioselective Intramolecular Diels-Alder Reactions. Asymmetric Synthesis of ( $\beta$ )-Isopulegone. <i>Journal of Organic Chemistry</i> , 1997, 62, 786-787.	3.2	74
99	Neue Anwendung von <i>N</i> -Acylimiden als chirale Auxiliare für Aldol- und Diels-Alder-Reaktionen: enantioselective Synthese von $\beta$ -Himachalen. <i>Angewandte Chemie</i> , 1997, 109, 2208-2210.	2.0	2