

# Ullrich Jahn

## List of Publications by Year in descending order

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74  
papers

1,996  
citations

236925

25  
h-index

276875

41  
g-index

100  
all docs

100  
docs citations

100  
times ranked

1727  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Electron Transfer-Induced Selective $\alpha$ -Oxygenation of Glycine Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 405-412.	4.3	2
2	A Diastereoselective Catalytic Approach to Pentasubstituted Pyrrolidines by Tandem Anionic-Radical Cross-Over Reactions. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 671-678.	4.3	2
3	Sulfonyl Nitrene and Amidyl Radical: Structure and Reactivity. <i>Chemistry - A European Journal</i> , 2022, , .	3.3	1
4	Unified Total Synthesis of Diverse Meroterpenoids from <i>Ganoderma Applanatum</i> . <i>Organic Letters</i> , 2022, 24, 4552-4556.	4.6	11
5	$\alpha,\beta$ -Dioxygenated amides via tandem Brook rearrangement/radical oxygenation reactions and their application to syntheses of $\beta$ -lactams. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 688-704.	2.2	4
6	First Total Synthesis of Phytoprostanes with Prostaglandin-Like Configuration, Evidence for Their Formation in Edible Vegetable Oils and Orienting Study of Their Biological Activity. <i>Chemistry - A European Journal</i> , 2021, 27, 9556-9562.	3.3	3
7	Design of Novel Uncharged Organic Superbases: Merging Basicity and Functionality. <i>Accounts of Chemical Research</i> , 2021, 54, 3108-3123.	15.6	31
8	Enolate-Based Regioselective Anti-Beckmann C-C Bond Cleavage of Ketones. <i>Journal of Organic Chemistry</i> , 2021, 86, 11608-11632.	3.2	3
9	Identification of Novel Carbonic Anhydrase IX Inhibitors Using High-Throughput Screening of Pooled Compound Libraries by DNA-Linked Inhibitor Antibody Assay (DIANA). <i>SLAS Discovery</i> , 2020, 25, 1026-1037.	2.7	2
10	First Total Syntheses of Novel Non-Enzymatic Polyunsaturated Fatty Acid Metabolites and Their Identification in Edible Oils. <i>Chemistry - A European Journal</i> , 2020, 26, 10090-10098.	3.3	5
11	Application of the Brook Rearrangement in Tandem with Single Electron Transfer Oxidative and Radical Processes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2854-2866.	2.4	5
12	Tandem Anionic oxy-Cope Rearrangement/Oxygenation Reactions as a Versatile Method for Approaching Diverse Scaffolds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6160-6165.	13.8	16
13	Tandemreaktionen aus anionischer Oxy-Cope-Umlagerung und Oxygenierung als vielseitiger Zugang zu verschiedenartigen Gerüsten. <i>Angewandte Chemie</i> , 2020, 132, 6218-6223.	2.0	2
14	Photochemical $\alpha$ -H Amination of Ethers and Geminal Difunctionalization Reactions in One Pot. <i>Angewandte Chemie</i> , 2019, 131, 12570-12575.	2.0	9
15	Photochemical $\alpha$ -H Amination of Ethers and Geminal Difunctionalization Reactions in One Pot. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12440-12445.	13.8	23
16	First total synthesis of <i>ent</i> -asperparaline C and assignment of the absolute configuration of asperparaline C. <i>Chemical Communications</i> , 2019, 55, 3931-3934.	4.1	21
17	Total Synthesis of <i>ent</i> -Pregnanolone Sulfate and Its Biological Investigation at the NMDA Receptor. <i>Organic Letters</i> , 2018, 20, 946-949.	4.6	20
18	Bioinspired total synthesis of tetrahydrofuran lignans by tandem nucleophilic addition/redox isomerization/oxidative coupling and cycloetherification reactions as key steps. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 750-755.	2.8	12

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19	Diastereoselective Radical Couplings Enable the Asymmetric Synthesis of <i>anti</i> - $\alpha$ -Amino- $\beta$ -Hydroxy Carboxylic Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5222-5230.	2.4	12
20	New Phosphine Ligand Architectures Lead to Efficient Gold Catalysts for Cycloisomerization Reactions at Very Low Loading. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4215-4224.	4.3	13
21	Unique Stereoselective Homolytic C=O Bond Activation in Diketopiperazine-Derived Alkoxyamines by Adjacent Amide Pyramidalization. <i>Chemistry - A European Journal</i> , 2018, 24, 15336-15345.	3.3	7
22	Lithium Chloride Catalyzed Asymmetric Domino Aza-Michael Addition/[3 + 2] Cycloaddition Reactions for the Synthesis of Spiro- and Bicyclic $\beta$ , $\gamma$ -Triamino Acid Derivatives. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5213-5221.	2.4	3
23	Sequential Oxidative and Reductive Radical Cyclization Approach toward Asperparaline C and Synthesis of Its 8-Oxo Analogue. <i>Organic Letters</i> , 2017, 19, 1152-1155.	4.6	13
24	Total syntheses of all tri-oxygenated 16-phytoprostane classes via a common precursor constructed by oxidative cyclization and alkyl-alkyl coupling reactions as the key steps. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9408-9414.	2.8	9
25	Intermolekulare Bildung zweier C=C-Bindungen an Olefinen mittels Bor-basierter Staffelstrategien. <i>Angewandte Chemie</i> , 2017, 129, 9784-9786.	2.0	3
26	Intermolecular Formation of Two C-C Bonds across Olefins Enabled by Boron-Based Relay Strategies. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9656-9658.	13.8	6
27	A general approach to iridoids by applying a new Julia olefination and a tandem anion-radical-carbocation crossover reaction. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9612-9621.	2.8	6
28	<i>N</i> ,2,3,4-Tetrasubstituted Pyrrolidines through Tandem Lithium Amide Conjugate Addition/Radical Cyclization/Oxygenation Reactions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3862-3871.	2.4	11
29	Oxidative radical cyclizations of diketopiperazines bearing an amidomalonate unit. Heterointermediate reaction sequences toward the asperparalines and stephacidins. <i>Free Radical Research</i> , 2016, 50, S6-S17.	3.3	7
30	COST Action CM1201 - Biomimetic Radical Chemistry - free radical chemistry successfully meets many disciplines. <i>Free Radical Research</i> , 2016, 50, S112-S128.	3.3	1
31	Facile and Highly Diastereoselective Synthesis of <i>syn</i> - and <i>cis</i> -1,2-Diol Derivatives from Protected $\beta$ -Hydroxy Ketones. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7785-7798.	2.4	10
32	Synthesis of Bridged Diketopiperazines by Using the Persistent Radical Effect and a Formal Synthesis of Bicyclomyacin. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12153-12157.	13.8	37
33	Highly Functionalized Cyclopentane Derivatives by Tandem Michael Addition/Radical Cyclization/Oxygenation Reactions. <i>Chemistry - A European Journal</i> , 2015, 21, 9877-9888.	3.3	11
34	The Lithiation Reactivity and Selectivity of Differentially Branched Alkyldiphenylphosphine Oxides - A Simple and Versatile Approach to <i>ortho</i> -Functionalized Arylphosphine Oxides. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 793-799.	4.3	8
35	Evolution of moth sex pheromone composition by a single amino acid substitution in a fatty acid desaturase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12586-12591.	7.1	39
36	Highly Functionalized and Potent Antiviral Cyclopentane Derivatives Formed by a Tandem Process Consisting of Organometallic, Transition-Metal-Catalyzed, and Radical Reaction Steps. <i>Chemistry - A European Journal</i> , 2014, 20, 10298-10304.	3.3	15

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37	Asymmetric Domino Aza-Michael Addition/[3 + 2] Cycloaddition Reactions as a Versatile Approach to $\beta,\beta,\beta$ -Triamino Acid Derivatives. <i>Organic Letters</i> , 2014, 16, 1088-1091.	4.6	22
38	Glitoxin: Nature's Way of Making the Epidithio Bridge. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3312-3314.	13.8	19
39	Anaerobic Nitroxide-Catalyzed Oxidation of Alcohols Using the NO <sup>+</sup> /NO <sup>-</sup> Redox Pair. <i>Organic Letters</i> , 2014, 16, 58-61.	4.6	37
40	Very Strong Organosuperbases Formed by Combining Imidazole and Guanidine Bases: Synthesis, Structure, and Basicity. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1435-1438.	13.8	66
41	Oxidative Catalysis Using the Stoichiometric Oxidant as a Reagent: An Efficient Strategy for Single-Electron-Transfer-Induced Tandem Anion-Radical Reactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9944-9948.	13.8	46
42	Oxidative Photoredox-Catalytic Activation of Aliphatic Nucleophiles for C(sp <sup>3</sup> ) <sup>-</sup> C(sp <sup>2</sup> ) Cross-Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13326-13328.	13.8	43
43	Elucidation of the Reaction Mechanism of <i>ortho</i> - $\beta$ -Transmetalation Reactions of Alkyl Aryl Sulfone Carbanions. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4610-4623.	2.4	12
44	Divergent Reactivity of Alkyl Aryl Sulfones with Bases: Selective Functionalization of <i>ortho</i> -Aryl and $\beta$ -Alkyl Units Enabled by a Unique Carbanion Transmetalation. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1461-1476.	2.4	15
45	Total Synthesis, Proof of Absolute Configuration, and Biosynthetic Origin of Stylopsal, the First Isolated Sex Pheromone of <i>Strepsiptera</i> . <i>Chemistry - A European Journal</i> , 2013, 19, 8515-8524.	3.3	21
46	Stylopsal: The First Identified Female-produced Sex Pheromone of <i>Strepsiptera</i> . <i>Journal of Chemical Ecology</i> , 2012, 38, 1483-1491.	1.8	24
47	Acceptor-Substituted Ferrocenium Salts as Strong, Single-Electron Oxidants: Synthesis, Electrochemistry, Theoretical Investigations, and Initial Synthetic Application. <i>Chemistry - A European Journal</i> , 2012, 18, 12267-12277.	3.3	59
48	Polyfunctional $\beta$ -Dicarbonyl Compounds by Michael Addition Reactions of Ester Enolates to $\beta$ -Benzylidene and $\beta$ -Alkylidene- $\beta$ -dicarbonyl Compounds. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3459-3475.	2.4	11
49	General and Efficient $\beta$ -Oxygenation of Carbonyl Compounds by TEMPO Induced by Single-Electron-Transfer Oxidation of Their Enolates. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4461-4482.	2.4	55
50	4-(1-Haloalkyl)-3-nitrotetrahydrofurans as versatile scaffolds for the synthesis of diversely functionalized tetrahydrofurans. <i>Tetrahedron</i> , 2012, 68, 447-463.	1.9	8
51	Oxidative tandem alkoxide conjugate addition to nitroalkenes/radical 5-exo cyclizations—a versatile synthesis of functionalized 3-nitrotetrahydrofurans. <i>Tetrahedron</i> , 2012, 68, 1521-1539.	1.9	13
52	Radicals in Transition Metal Catalyzed Reactions? Transition Metal Catalyzed Radical Reactions? A Fruitful Interplay Anyway. <i>Topics in Current Chemistry</i> , 2011, 320, 121-189.	4.0	79
53	Radicals in Transition Metal Catalyzed Reactions? Transition Metal Catalyzed Radical Reactions?—A Fruitful Interplay Anyway. <i>Topics in Current Chemistry</i> , 2011, 320, 191-322.	4.0	55
54	Radicals in Transition Metal Catalyzed Reactions? Transition Metal Catalyzed Radical Reactions?: A Fruitful Interplay Anyway. <i>Topics in Current Chemistry</i> , 2011, 320, 323-451.	4.0	79

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55	Perhaloalkylation of Metal Enolates—Unconventional and Versatile. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4542-4544.	13.8	23
56	New Versatile Strategy towards Zinc(II)-, Copper(II)- and Cobalt(II)-Metallated Thiophene/Porphyrin-Hybrids. <i>European Journal of Organic Chemistry</i> , 2010, 2010, n/a-n/a.	2.4	6
57	A New Synthetic Approach to Thiophene—Nickel(II)porphyrin Hybrid Molecules and their Electrochemical and Computational Investigation. <i>Macromolecular Chemistry and Physics</i> , 2010, 211, 359-371.	2.2	7
58	A cautionary note on the correct structure assignment of phytoprostanes and the emergence of a new prostane ring system. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010, 82, 83-86.	2.2	32
59	Toward the Elucidation of the Metabolism of 15-E <sub>2</sub> -Isoprostane: The Total Synthesis of the Methyl Ester of a Potential Central Metabolite. <i>Journal of Organic Chemistry</i> , 2010, 75, 4480-4491.	3.2	28
60	Total Synthesis of 15-F <sub>2t</sub> -Isoprostane by Using a New Oxidative Cyclization of Distonic Radical Anions as the Key Step. <i>Chemistry - A European Journal</i> , 2009, 15, 58-62.	3.3	33
61	Radicals and Transition—Metal Catalysis: An Alliance Par Excellence to Increase Reactivity and Selectivity in Organic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6386-6389.	13.8	48
62	N,3,4-Trisubstituted pyrrolidines by electron transfer-induced oxidative cyclizations of N-allylic $\beta$ -amino ester enolates. <i>Tetrahedron</i> , 2009, 65, 10917-10929.	1.9	22
63	Simplified methods for the functionalisation of 3-hexoxythiophenes at the 5-position and further reactions to alkynyl and vinyl derivatives. <i>Chemical Communications</i> , 2009, , 565-567.	4.1	5
64	Beyond Prostaglandins—Chemistry and Biology of Cyclic Oxygenated Metabolites Formed by Free—Radical Pathways from Polyunsaturated Fatty Acids. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5894-5955.	13.8	176
65	Tetrahydrofuran Lignans via Tandem Oxidative Anionic—Radical Processes or Reductive Radical Cyclizations. <i>Organic Letters</i> , 2006, 8, 4481-4484.	4.6	25
66	Cu(II)-Mediated One-Pot Alkoxide Conjugate Addition/Radical Cyclizations as a Versatile Method to Highly Functionalized Tetrahydrofuran Derivatives. <i>Synlett</i> , 2004, 2004, 1207-1210.	1.8	25
67	Efficient Oxidative Radical Cyclizations of Ester Enolates with Carbocation Desilylation as Termination:—Synthesis of Cyclopentanoid Monoterpenes and Analogues—. <i>Organic Letters</i> , 2004, 6, 257-260.	4.6	38
68	Oxidative Enolate Cyclizations of 6,8-Nonadienoates: Towards the Synthesis of Prostanes. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 718-735.	2.4	41
69	Tandem anionic Michael addition/radical cyclizations: a new and efficient strategy for the synthesis of functionalized cyclopentanes. <i>Chemical Communications</i> , 2001, , 1600-1601.	4.1	27
70	Oxidative radical cyclizations of malonate enolates induced by the ferrocenium ion — a remarkable influence of enolate counterion and additives. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 2277-2282.	1.3	20
71	Lithium Malonate Enolates as Precursors for Radical Reactions — Convenient Induction of Radical Cyclizations with either Radical or Cationic Termination. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 3333.	2.4	62
72	The Combination of Anionic and Radical Reactions to Oxidative Tandem Processes Exemplified by the Synthesis of Functionalized Pyrrolidines. <i>Journal of the American Chemical Society</i> , 2000, 122, 5212-5213.	13.7	95

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73	Highly Efficient Generation of Radicals from Ester Enolates by the Ferrocenium Ion. Application to Selective $\alpha$ -Oxygenation and Dimerization Reactions of Esters. Journal of Organic Chemistry, 1998, 63, 7130-7131.	3.2	64
74	Electron transfer-induced sequential transformations of malonates by the ferrocenium ion. Chemical Communications, 1998, , 209-210.	4.1	43