Corinna S Schindler

List of Publications by Year
in descending order

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51 papers	1,892 citations	304743 22 h-index	276875 41 g-index
72 all docs	72 docs citations	72 times ranked	1382 citing authors

#	Article	IF	Citations
1	Iron(III)-catalysed carbonylâ€“olefin metathesis. Nature, 2016, 533, 374-379.	27.8	179
2	Catalyst: Sustainable Catalysis. CheM, 2017, 2, 313-316.	11.7	160
3	Synthesis of azetidines via visible-light-mediated intermolecular [2+2] photocycloadditions. Nature Chemistry, 2020, 12, 898-905.	13.6	120
4	Polycyclic Aromatic Hydrocarbons via Iron(III)-Catalyzed Carbonylâ€“Olefin Metathesis. Journal of the American Chemical Society, 2017, 139, 2960-2963.	13.7	112
5	Beyond olefins: new metathesis directions for synthesis. Chemical Society Reviews, 2018, 47, 7867-7881.	38.1	84
6	Functionalized azetidines via visible light-enabled aza PaternÃ²-BÃ¼chi reactions. Nature Communications, 2019, 10, 5095.	12.8	80
7	Mechanistic Investigations of the Iron(III)-Catalyzed Carbonyl-Olefin Metathesis Reaction. Journal of the American Chemical Society, 2017, 139, 10832-10842.	13.7	77
8	Synthesis of azetidines by aza PaternÃ²â€“BÃ¼chi reactions. Chemical Science, 2020, 11, 7553-7561.	7.4	73
9	Carbonylâ€“Olefin Metathesis. Chemical Reviews, 2021, 121, 9359-9406.	47.7	70
10	New avenues for the synthesis of ent-kaurene diterpenoids. Tetrahedron, 2015, 71, 6629-6650.	1.9	67
11	Reactivity of oximes for diverse methodologies and synthetic applications. , 2022, 1, 24-36.		66
12	Catalytic Carbonyl-Olefin Metathesis of Aliphatic Ketones: Iron(III) Homo-Dimers as Lewis Acidic Superelectrophiles. Journal of the American Chemical Society, 2019, 141, 1690-1700.	13.7	63
13	Visible-Light-Enabled PaternÃ²â€“BÃ¼chi Reaction via Triplet Energy Transfer for the Synthesis of Oxetanes. Organic Letters, 2020, 22, 6516-6519.	4.6	59
14	3-Aryl-2,5-Dihydropyrroles via Catalytic Carbonyl-Olefin Metathesis. ACS Catalysis, 2018, 8, 2006-2011.	11.2	51
15	Lewis Acid Catalyzed Carbonylâ€“Olefin Metathesis. Synlett, 2017, 28, 1501-1509.	1.8	48
16	GaCl₃-Catalyzed Ring-Opening Carbonylâ€“Olefin Metathesis. Organic Letters, 2018, 20, 4954-4958.	4.6	48
17	Interrupted carbonyl-olefin metathesis via oxygen atom transfer. Science, 2018, 361, 1363-1369.	12.6	47
18	Recent Advances in the Application of Ring-Closing Metathesis for the Synthesis of Unsaturated Nitrogen Heterocycles. Synthesis, 2019, 51, 1100-1114.	2.3	43

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19	Discovery of Novel Synthetic Methodologies and Reagents during Natural Product Synthesis in the Post-Palytoxin Era. Chemical Reviews, 2015, 115, 9232-9276.	47.7	40
20	Catalytic, transannular carbonyl-olefin metathesis reactions. Chemical Science, 2019, 10, 10267-10274.	7.4	33
21	1- and 2-Azetines via Visible Light-Mediated [2 + 2]-Cycloadditions of Alkynes and Oximes. Journal of the American Chemical Society, 2021, 143, 16235-16242.	13.7	30
22	Total Syntheses of Herqulines B and C. Journal of the American Chemical Society, 2019, 141, 3409-3413.	13.7	25
23	Scalable Synthesis of Mycocyclosin. Organic Letters, 2018, 20, 2862-2866.	4.6	24
24	Superelectrophilic aluminium(iii)â€“ion pairs promote a distinct reaction path for carbonylâ€“olefin ring-closing metathesis. Nature Catalysis, 2020, 3, 787-796.	34.4	24
25	Eight-Step Enantiodivergent Synthesis of (+)- and (âˆ’)-Lingzhiol. Organic Letters, 2020, 22, 290-294.	4.6	21
26	Superelectrophilic Fe(III)â€“Ion Pairs as Stronger Lewis Acid Catalysts for (<i>E</i>)-Selective Intermolecular Carbonylâ€“Olefin Metathesis. Organic Letters, 2020, 22, 3155-3160.	4.6	21
27	Models for Understanding Divergent Reactivity in Lewis Acid-Catalyzed Transformations of Carbonyls and Olefins. ACS Catalysis, 2020, 10, 4387-4397.	11.2	20
28	Iron(III) Chloride Catalyzed Formation of 3,4-Dihydro-2H-pyrans from Î±-Alkylated 1,3-Dicarbonyls. Selective Synthesis of Î±- and Î²-Lapachone. Organic Letters, 2016, 18, 1310-1313.	4.6	19
29	Intramolecular, Visible-Light-Mediated Aza PaternÃ²-BÃ¼chi Reactions of Unactivated Alkenes. Organic Letters, 2022, 24, 3053-3057.	4.6	19
30	Total Synthesis of (+)â€Cochlearolâ€…B by an Approach Based on a Catellani Reaction and Visibleâ€Lightâ€Enabled [2+2] Cycloaddition**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	19
31	Tetrahydropyridines via FeCl₃-Catalyzed Carbonylâ€“Olefin Metathesis. Organic Letters, 2020, 22, 2844-2848.	4.6	14
32	Aluminum Chloride-Mediated Dieckmann Cyclization for the Synthesis of Cyclic 2-Alkyl-1,3-alkanediones: One-Step Synthesis of the Chiloglottones. Organic Letters, 2017, 19, 3958-3961.	4.6	12
33	Lewis-Base-Catalyzed Reductive Aldol Reaction To Access Quaternary Carbons. Organic Letters, 2018, 20, 2580-2584.	4.6	12
34	Interrupted Carbonylâ€Alkyne Metathesis. Advanced Synthesis and Catalysis, 2020, 362, 365-369.	4.3	12
35	Synthesis and biological evaluation of pharbinilic acid and derivatives as NF-Îº B pathway inhibitors. Chemical Communications, 2015, 51, 8990-8993.	4.1	11
36	Lewis Acid-Catalyzed Carbonylâ€“Olefin Metathesis. Trends in Chemistry, 2019, 1, 272-273.	8.5	11

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37	Functionalized cyclopentanes via Sc(III)-catalyzed intramolecular enolate alkylation. Tetrahedron, 2018, 74, 3306-3313.	1.9	8
38	Iron-Catalyzed Synthesis of Tetrahydronaphthalenes via 3,4-Dihydro-2<i>H</i>-pyran Intermediates. Organic Letters, 2018, 20, 68-71.	4.6	8
39	Hydrazone and Oxime Olefination via Ruthenium Alkylidenes. Angewandte Chemie - International Edition, 2022, 61, .	13.8	8
40	Design of a Two-Week Organic Chemistry Course for High School Students: â€œCatalysis, Solar Energy, and Green Chemical Synthesisâ€• Journal of Chemical Education, 2021, 98, 2449-2456.	2.3	6
41	Origin of enantioselectivity reversal in Lewis acid-catalysed Michael additions relying on the same chiral source. Chemical Science, 2021, 12, 14133-14142.	7.4	6
42	Acid Chlorides as Formal Carbon Dianion Linchpin Reagents in the Aluminum Chloride-Mediated Dieckmann Cyclization of Dicarboxylic Acids. Organic Letters, 2017, 19, 3962-3965.	4.6	4
43	Gibberellin JRA-003: A Selective Inhibitor of Nuclear Translocation of IKKÎ±. ACS Medicinal Chemistry Letters, 2020, 11, 1913-1918.	2.8	4
44	Total Synthesis of Mycocyclosin and the Herqulines. Synthesis, 2021, 53, 4178-4186.	2.3	4
45	Carbonyl-Olefin Metathesis for the Synthesis of Cyclic Olefins. Organic Syntheses, 2018, 95, 472-485.	1.0	4
46	Total Synthesis of (+)â€Cochlearolâ€…B by an Approach Based on a Catellani Reaction and Visibleâ€Lightâ€Enabled [2+2] Cycloaddition**. Angewandte Chemie, 2022, 134, .	2.0	4
47	High-Throughput Approach toward the Development of a Mizorokiâ€“Heck Reaction To Access Tricyclic Spirolactones. Journal of Organic Chemistry, 2020, 85, 9071-9079.	3.2	3
48	Converting a Two-Week Chemistry Course for High School Students to a Virtual Format During COVID. Journal of Chemical Education, 2021, 98, 2457-2464.	2.3	3
49	New reactivity in organic chemistry: a themed collection. Chemical Science, 2020, 11, 12385-12385.	7.4	0
50	The synthesis of herqulines B and C. Strategies and Tactics in Organic Synthesis, 2022, 15, 247-280.	0.1	0
51	Hydrazone and Oxime Olefination via Ruthenium Alkylidenes. Angewandte Chemie, 0, , .	2.0	0