

Torben Rogge

List of Publications by Year in descending order

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35
papers

2,321
citations

236833

25
h-index

377752

34
g-index

36
all docs

36
docs citations

36
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	Câ€“H activation. Nature Reviews Methods Primers, 2021, 1, .	11.8	277
2	Electrooxidative Rhodiumâ€Catalyzedâ€‰Câˆ“H/Câˆ“H Activation: Electricity as Oxidant for Crossâ€Dehydrogenative Alkenylation. Angewandte Chemie - International Edition, 2018, 57, 5828-5832.	7.2	178
3	Electrooxidative Rutheniumâ€Catalyzed Câˆ“H/Oâˆ“H Annulation by Weak <i><i>O</i></i> â€Coordination. Angewandte Chemie - International Edition, 2018, 57, 5818-5822.	7.2	177
4	Ruthenium(II)-catalysed remote Câ€“H alkylations as a versatile platform to meta-decorated arenes. Nature Communications, 2017, 8, 15430.	5.8	130
5	<i><i>meta</i></i> â€Câˆ“H Bromination on Purine Bases by Heterogeneous Ruthenium Catalysis. Angewandte Chemie - International Edition, 2017, 56, 1557-1560.	7.2	128
6	Sequential <i><i>meta</i></i> -/ <i><i>ortho</i></i> -Câ€“H Functionalizations by One-Pot Ruthenium(II/III) Catalysis. ACS Catalysis, 2018, 8, 886-892.	5.5	115
7	Nickel-catalyzed reductive thiolation and selenylation of unactivated alkyl bromides. Nature Communications, 2018, 9, 2240.	5.8	106
8	Lateâ€Stage Diversification through Manganeseâ€Catalyzed Câˆ“H Activation: Access to Acyclic, Hybrid, and Stapled Peptides. Angewandte Chemie - International Edition, 2019, 58, 3476-3480.	7.2	84
9	Distal Weak Coordination of Acetamides in Ruthenium(II)â€Catalyzed Câˆ“H Activation Processes. Angewandte Chemie - International Edition, 2018, 57, 765-768.	7.2	83
10	Metal-catalysed Câ€“Het (F, O, S, N) and Câ€“C bond arylation. Chemical Society Reviews, 2021, 50, 8903-8953.	18.7	75
11	Ruthenium(IV) Intermediates in Câˆ“H Activation/Annulation by Weak <i><i>O</i></i> â€Coordination. Chemistry - A European Journal, 2018, 24, 16548-16552.	1.7	71
12	Reactivity-Controlling Factors in Carboxylate-Assisted Câ€“H Activation under 4d and 3d Transition Metal Catalysis. ACS Catalysis, 2020, 10, 10551-10558.	5.5	69
13	Areneâ€Ligandâ€Free Ruthenium(II/III) Manifold for <i><i>meta</i></i> â€Câˆ“H Alkylation: Remote Purine Diversification. Chemistry - A European Journal, 2018, 24, 3984-3988.	1.7	65
14	Electrooxidative Rhodiumâ€Catalyzedâ€‰Câˆ“H/Câˆ“H Activation: Electricity as Oxidant for Crossâ€Dehydrogenative Alkenylation. Angewandte Chemie, 2018, 130, 5930-5934.	1.6	64
15	Late-stage peptide Câ€“H alkylation for bioorthogonal Câ€“H activation featuring solid phase peptide synthesis. Nature Communications, 2019, 10, 3553.	5.8	62
16	Versatile and robust Câ€“C activation by chelation-assisted manganese catalysis. Nature Catalysis, 2018, 1, 993-1001.	16.1	61
17	Electrooxidative Rutheniumâ€Catalyzed Câˆ“H/Oâˆ“H Annulation by Weak <i><i>O</i></i> â€Coordination. Angewandte Chemie, 2018, 130, 5920-5924.	1.6	60
18	Ruthenium(II)â€Catalyzed Câˆ“H Chalcogenation of Anilides. Advanced Synthesis and Catalysis, 2018, 360, 704-710.	2.1	60

#	ARTICLE	IF	CITATIONS
19	Mild Decarboxylative C-H Alkylation: Computational Insights for Solvent-Robust Ruthenium(II) Domino Manifolds. <i>Chemistry - A European Journal</i> , 2017, 23, 17449-17453.	1.7	53
20	Regiodivergent C-H and Decarboxylative C-C Alkylation by Ruthenium Catalysis: <i>ortho</i> versus <i>meta</i> Position-Selectivity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18795-18803.	7.2	52
21	Micellar Catalysis for Ruthenium(II)-Catalyzed C-H Arylation: Weak Coordination Enabled C-H Activation in H ₂ O. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7490-7494.	7.2	51
22	Ruthenium-Catalyzed Domino Three-Component Alkyne Annulation for Expedient Isoquinoline Assembly. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4619-4624.	7.2	49
23	Ruthenium-catalyzed C-H oxygenation of quinones by weak O-coordination for potent trypanocidal agents. <i>Chemical Communications</i> , 2018, 54, 12840-12843.	2.2	48
24	Arene-Free Ruthenium(II/IV)-Catalyzed Bifurcated Arylation for Oxidative C-H/C-H Functionalizations. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15640-15645.	7.2	38
25	<i>meta</i> -C-H Bromination on Purine Bases by Heterogeneous Ruthenium Catalysis. <i>Angewandte Chemie</i> , 2017, 129, 1579-1582.	1.6	31
26	Remote C-H Functionalizations by Ruthenium Catalysis. <i>Synthesis</i> , 2021, 53, 2911-2946.	1.2	28
27	Ruthenium(II)-Catalyzed Double Annulation of Quinones: Step-Economical Access to Valuable Bioactive Compounds. <i>Chemistry - A European Journal</i> , 2020, 26, 10981-10986.	1.7	22
28	Effects of the Novel PFKFB3 Inhibitor KAN0438757 on Colorectal Cancer Cells and Its Systemic Toxicity Evaluation In Vivo. <i>Cancers</i> , 2021, 13, 1011.	1.7	22
29	Rhodium-catalyzed chemo-divergent C-H activations with alkylidenecyclopropanes for selective cyclopropylations. <i>Chemical Communications</i> , 2021, 57, 3668-3671.	2.2	17
30	Regiodivergente C-H- und decarboxylierende C-C-Alkylierung mittels Rutheniumkatalyse: <i>ortho</i> versus <i>meta</i> -Regioselektivität. <i>Angewandte Chemie</i> , 2020, 132, 18956-18965.	1.6	13
31	Ruthenium-katalysierte Domino-Drei-Komponenten-Alkinanellierung für 1,4-tzliche Isochinolin-Synthesen. <i>Angewandte Chemie</i> , 2021, 133, 4669-4674.	1.6	12
32	Arene-freie Ruthenium(II/IV)-katalysierte gegabelte Arylierungen für oxidative C-H/C-H-Funktionalisierungen. <i>Angewandte Chemie</i> , 2019, 131, 15787-15792.	1.6	7
33	Mizellare Katalyse für Ruthenium(II)-katalysierte C-H-Arylierung: Schwache Koordination ermöglicht C-H-Aktivierung in H ₂ O. <i>Angewandte Chemie</i> , 2019, 131, 7569-7573.	1.6	7
34	Triazole-Enabled Ruthenium(II) Carboxylate-Catalyzed C-H Arylation with Electron-Deficient Aryl Halides. <i>Synlett</i> , 0, , .	1.0	2
35	Ruthenium(II)- and Palladium(II)-catalyzed position-divergent C-H oxygenations of arylated quinones: Identification of hydroxylated quinonoid compounds with potent trypanocidal activity. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 40, 116164.	1.4	2