Torben Rogge

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35 papers	1,417 citations	23 h-index	36 g-index
36 ext. papers	1,932 ext. citations	11.4 avg, IF	5.26 L-index

#	Paper	IF	Citations
35	Remote C–H Functionalizations by Ruthenium Catalysis. *Synthesis*, **2021**, 53, 2911-2946	2.9	6
34	Ruthenium(II)- and Palladium(II)-catalyzed position-divergent CH oxygenations of arylated quinones: Identification of hydroxylated quinonoid compounds with potent trypanocidal activity. *Bioorganic and Medicinal Chemistry*, **2021**, 40, 116164	3.4	0
33	C–H activation. *Nature Reviews Methods Primers*, **2021**, 1,		52
32	Ruthenaelectro-Catalyzed Domino Three-Component Alkyne Annulation for Expedient Isoquinoline Assembly. *Angewandte Chemie - International Edition*, **2021**, 60, 4619-4624	16.4	24
31	Ruthenaelektro-katalysierte Domino-Drei-Komponenten-Alkinanellierung für nützliche Isochinolin-Synthesen. *Angewandte Chemie*, **2021**, 133, 4669-4674	3.6	4
30	Ruthenium-Catalyzed Remote C–H Functionalizations **2021**, 137-167		1
29	Metal-catalysed C-Het (F, O, S, N) and C-C bond arylation. *Chemical Society Reviews*, **2021**, 50, 8903-8953	58.5	20
28	Effects of the Novel PFKFB3 Inhibitor KAN0438757 on Colorectal Cancer Cells and Its Systemic Toxicity Evaluation In Vivo. *Cancers*, **2021**, 13,	6.6	7
27	Rhodaelectro-catalyzed chemo-divergent C-H activations with alkylidenecyclopropanes for selective cyclopropylations. *Chemical Communications*, **2021**, 57, 3668-3671	5.8	4
26	Ruthenium(II)-Catalyzed Double Annulation of Quinones: Step-Economical Access to Valuable Bioactive Compounds. *Chemistry - A European Journal*, **2020**, 26, 10981-10986	4.8	9
25	Regiodivergent C-H and Decarboxylative C-C Alkylation by Ruthenium Catalysis: ortho versus meta Position-Selectivity. *Angewandte Chemie - International Edition*, **2020**, 59, 18795-18803	16.4	25
24	Regiodivergente C-H- und decarboxylierende C-C-Alkylierung mittels Rutheniumkatalyse: ortho- versus meta-Regioselektivität. *Angewandte Chemie*, **2020**, 132, 18956-18965	3.6	4
23	Reactivity-Controlling Factors in Carboxylate-Assisted C–H Activation under 4d and 3d Transition Metal Catalysis. *ACS Catalysis*, **2020**, 10, 10551-10558	13.1	27
22	Mizellare Katalyse für Ruthenium(II)-katalysierte C-H-Arylierung: Schwache Koordination ermöglicht C-H-Aktivierung in H2O. *Angewandte Chemie*, **2019**, 131, 7569-7573	3.6	4
21	Micellar Catalysis for Ruthenium(II)-Catalyzed C-H Arylation: Weak-Coordination-Enabled C-H Activation in H O. *Angewandte Chemie - International Edition*, **2019**, 58, 7490-7494	16.4	33
20	Late-stage peptide C-H alkylation for bioorthogonal C-H activation featuring solid phase peptide synthesis. *Nature Communications*, **2019**, 10, 3553	17.4	28
19	Arene-Free Ruthenium(II/IV)-Catalyzed Bifurcated Arylation for Oxidative C-H/C-H Functionalizations. *Angewandte Chemie - International Edition*, **2019**, 58, 15640-15645	16.4	22

18	Aren-freie Ruthenium(II/IV)-katalysierte gegabelte Arylierungen f□oxidative C-H/C-H-Funktionalisierungen. *Angewandte Chemie*, **2019**, 131, 15787-15792	3.6	5
17	Late-Stage Diversification through Manganese-Catalyzed C-H Activation: Access to Acyclic, Hybrid, and Stapled Peptides. *Angewandte Chemie - International Edition*, **2019**, 58, 3476-3480	16.4	57
16	Electrooxidative Rhodium-Catalyzed C-H/C-H Activation: Electricity as Oxidant for Cross-Dehydrogenative Alkenylation. *Angewandte Chemie - International Edition*, **2018**, 57, 5828-5832	16.4	136
15	Electrooxidative Rhodium-Catalyzed C□H/C□H Activation: Electricity as Oxidant for Cross-Dehydrogenative Alkenylation. *Angewandte Chemie*, **2018**, 130, 5930-5934	3.6	52
14	Electrooxidative Ruthenium-Catalyzed C□H/O□H Annulation by Weak O-Coordination. *Angewandte Chemie*, **2018**, 130, 5920-5924	3.6	52
13	Arene-Ligand-Free Ruthenium(II/III) Manifold for meta-C-H Alkylation: Remote Purine Diversification. *Chemistry - A European Journal*, **2018**, 24, 3984-3988	4.8	55
12	Electrooxidative Ruthenium-Catalyzed C-H/O-H Annulation by Weak O-Coordination. *Angewandte Chemie - International Edition*, **2018**, 57, 5818-5822	16.4	145
11	Nickel-catalyzed reductive thiolation and selenylation of unactivated alkyl bromides. *Nature Communications*, **2018**, 9, 2240	17.4	62
10	Ruthenium(II)-Catalyzed C□H Chalcogenation of Anilides. *Advanced Synthesis and Catalysis*, **2018**, 360, 704-710	5.6	41
9	Sequential meta-/ortho-C□H Functionalizations by One-Pot Ruthenium(II/III) Catalysis. *ACS Catalysis* , **2018**, 8, 886-892	13.1	87
8	Distal Weak Coordination of Acetamides in Ruthenium(II)-Catalyzed C-H Activation Processes. *Angewandte Chemie - International Edition*, **2018**, 57, 765-768	16.4	62
7	Ruthenium-catalyzed C-H oxygenation of quinones by weak O-coordination for potent trypanocidal agents. *Chemical Communications*, **2018**, 54, 12840-12843	5.8	30
6	Versatile and robust C□□ activation by chelation-assisted manganese catalysis. *Nature Catalysis*, **2018**, 1, 993-1001	36.5	44
5	Ruthenium(IV) Intermediates in C-H Activation/Annulation by Weak O-Coordination. *Chemistry - A European Journal*, **2018**, 24, 16548-16552	4.8	48
4	meta-C□H Bromination on Purine Bases by Heterogeneous Ruthenium Catalysis. *Angewandte Chemie*, **2017**, 129, 1579-1582	3.6	25
3	Ruthenium(II)-catalysed remote C-H alkylations as a versatile platform to meta-decorated arenes. *Nature Communications*, **2017**, 8, 15430	17.4	104
2	meta-C-H Bromination on Purine Bases by Heterogeneous Ruthenium Catalysis. *Angewandte Chemie - International Edition*, **2017**, 56, 1557-1560	16.4	99
1	Mild Decarboxylative C-H Alkylation: Computational Insights for Solvent-Robust Ruthenium(II) Domino Manifold. *Chemistry - A European Journal*, **2017**, 23, 17449-17453	4.8	43