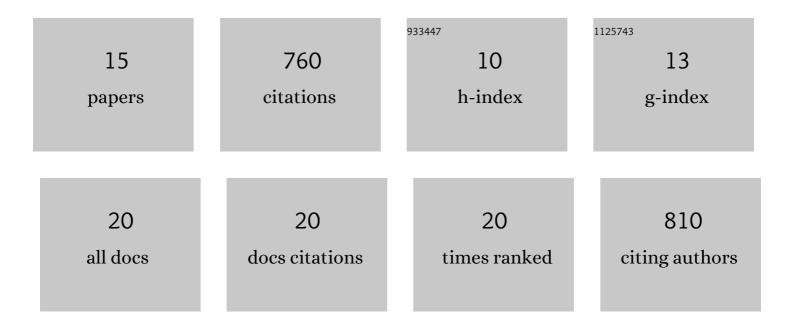
Oriol Planas

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Well-Defined Aryl-FeII Complexes in Cross-Coupling and C–H Activation Processes. Organometallics, 2021, 40, 1195-1200.	2.3	2
2	Highâ€valent bismuth redox catalysis. Nachrichten Aus Der Chemie, 2021, 69, 79-83.	0.0	4
3	Unravelling the mechanism of cobalt-catalysed remote C–H nitration of 8-aminoquinolinamides and expansion of substrate scope towards 1-naphthylpicolinamide. Chemical Science, 2020, 11, 534-542.	7.4	1
4	Bismuth-Catalyzed Oxidative Coupling of Arylboronic Acids with Triflate and Nonaflate Salts. Journal of the American Chemical Society, 2020, 142, 11382-11387.	13.7	64
5	Fluorination of arylboronic esters enabled by bismuth redox catalysis. Science, 2020, 367, 313-317.	12.6	131
6	Bi(I)-Catalyzed Transfer-Hydrogenation with Ammonia-Borane. Journal of the American Chemical Society, 2019, 141, 4235-4240.	13.7	134
7	Facile access to chiral non-natural amino acids. Nature Catalysis, 2019, 2, 839-840.	34.4	3
8	Aerobic C–C and C–O bond formation reactions mediated by high-valent nickel species. Chemical Science, 2019, 10, 10366-10372.	7.4	24
9	Mechanistic insights into the SN2-type reactivity of aryl-Co(iii) masked-carbenes for C–C bond forming transformations. Chemical Science, 2018, 9, 5736-5746.	7.4	14
10	Current Mechanistic Understanding of Cobalt-Catalyzed C–H Functionalization. Advances in Organometallic Chemistry, 2018, 69, 209-282.	1.0	28
11	Carboxylate-Assisted Formation of Aryl-Co(III) Masked-Carbenes in Cobalt-Catalyzed C–H Functionalization with Diazo Esters. Journal of the American Chemical Society, 2017, 139, 14649-14655.	13.7	36
12	A First Example of Cobalt atalyzed Remote CH Functionalization of 8â€Aminoquinolines Operating through a Single Electron Transfer Mechanism. Advanced Synthesis and Catalysis, 2016, 358, 1679-1688.	4.3	113
13	Isolation of Key Organometallic Aryl-Co(III) Intermediates in Cobalt-Catalyzed C(sp ²)–H Functionalizations and New Insights into Alkyne Annulation Reaction Mechanisms. Journal of the American Chemical Society, 2016, 138, 14388-14397.	13.7	60
14	Regioselective Access to Sultam Motifs through Cobalt atalyzed Annulation of Aryl Sulfonamides and Alkynes using an 8â€Aminoquinoline Directing Group. Advanced Synthesis and Catalysis, 2015, 357, 4003-4012.	4.3	82
15	Structural modeling of iron halogenases: synthesis and reactivity of halide-iron(<scp>iv</scp>)-oxo compounds. Chemical Communications, 2014, 50, 10887.	4.1	58