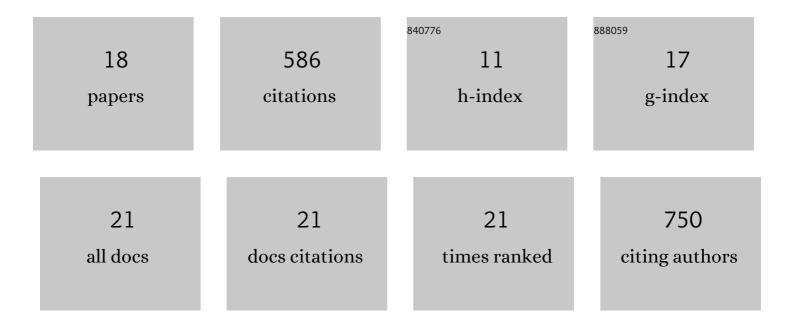
## Pierre Ceccaldi

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Stability of the H-cluster under whole-cell conditions—formation of an Htrans-like state and its reactivity towards oxygen. Journal of Biological Inorganic Chemistry, 2022, 27, 345-355.	2.6	4
2	[FeFe]-hydrogenase maturation: H-cluster assembly intermediates tracked by electron paramagnetic resonance, infrared, and X-ray absorption spectroscopy. Journal of Biological Inorganic Chemistry, 2020, 25, 777-788.	2.6	10
3	Spectroscopic investigations under whole-cell conditions provide new insight into the metal hydride chemistry of [FeFe]-hydrogenase. Chemical Science, 2020, 11, 4608-4617.	7.4	37
4	Discovery of novel [FeFe]-hydrogenases for biocatalytic H <sub>2</sub> -production. Chemical Science, 2019, 10, 9941-9948.	7.4	34
5	(Invited) Investigating the Hydrogenase Mechanism By Protein Film Electrochemistry. ECS Meeting Abstracts, 2019, , .	0.0	0
6	Inâ€Vivo EPR Characterization of Semiâ€Synthetic [FeFe] Hydrogenases. Angewandte Chemie, 2018, 130, 2626-2629.	2.0	6
7	Inâ€Vivo EPR Characterization of Semiâ€Synthetic [FeFe] Hydrogenases. Angewandte Chemie - International Edition, 2018, 57, 2596-2599.	13.8	26
8	Elucidating the Structures of the Low- and High-pH Mo(V) Species in Respiratory Nitrate Reductase: A Combined EPR, <sup>14,15</sup> N HYSCORE, and DFT Study. Inorganic Chemistry, 2017, 56, 4422-4434.	4.0	19
9	The hydrogen dependent CO <sub>2</sub> reductase: the first completely CO tolerant FeFe-hydrogenase. Energy and Environmental Science, 2017, 10, 503-508.	30.8	30
10	Redox cofactors insertion in prokaryotic molybdoenzymes occurs via a conserved folding mechanism. Scientific Reports, 2016, 6, 37743.	3.3	4
11	Mechanism of inhibition of NiFe hydrogenase by nitric oxide. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 454-461.	1.0	10
12	CHAPTER 5. The Prokaryotic Mo/W-bisPGD Enzymes Family. 2-Oxoglutarate-Dependent Oxygenases, 2016, , 143-191.	0.8	7
13	Reductive activation of E. coli respiratory nitrate reductase. Biochimica Et Biophysica Acta - Bioenergetics, 2015, 1847, 1055-1063.	1.0	20
14	Oxidative inactivation of NiFeSe hydrogenase. Chemical Communications, 2015, 51, 14223-14226.	4.1	24
15	A Threonine Stabilizes the NiC and NiR Catalytic Intermediates of [NiFe]-hydrogenase. Journal of Biological Chemistry, 2015, 290, 8550-8558.	3.4	18
16	The prokaryotic Mo/W-bisPGD enzymes family: A catalytic workhorse in bioenergetic. Biochimica Et Biophysica Acta - Bioenergetics, 2013, 1827, 1048-1085.	1.0	129
17	Relating diffusion along the substrate tunnel and oxygen sensitivity in hydrogenase. Nature Chemical Biology, 2010, 6, 63-70.	8.0	188
18	HYSCORE Evidence That Endogenous Mena- and Ubisemiquinone Bind at the Same Q Site (Q <sub>D</sub> ) of <i>Escherichia coli</i> Nitrate Reductase A. Journal of the American Chemical Society, 2010, 132, 5942-5943.	13.7	20