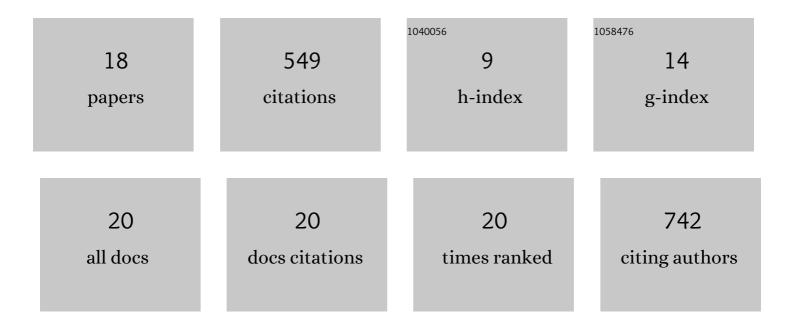
## Paula Ramos-Silva

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2776921/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The Skeletal Proteome of the Coral Acropora millepora: The Evolution of Calcification by Co-Option and Domain Shuffling. Molecular Biology and Evolution, 2013, 30, 2099-2112.	8.9	155
2	The shellâ€forming proteome of <i><scp>L</scp>ottiaÂgigantea</i> reveals both deep conservations and lineageâ€specific novelties. FEBS Journal, 2013, 280, 214-232.	4.7	109
3	The evolution of metazoan α-carbonic anhydrases and their roles in calcium carbonate biomineralization. Frontiers in Zoology, 2014, 11, .	2.0	78
4	The Skeleton of the Staghorn Coral Acropora millepora: Molecular and Structural Characterization. PLoS ONE, 2014, 9, e97454.	2.5	38
5	Biomineralization toolkit: The importance of sample cleaning prior to the characterization of biomineral proteomes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E2144-E2146.	7.1	30
6	From Root to Tips: Sporulation Evolution and Specialization in <i>Bacillus subtilis</i> and the Intestinal Pathogen <i>Clostridioides difficile</i> . Molecular Biology and Evolution, 2019, 36, 2714-2736.	8.9	29
7	Proteomics of CaCO <sub>3</sub> biomineral-associated proteins: How to properly address their analysis. Proteomics, 2013, 13, 3109-3116.	2.2	26
8	Novel Molluskan Biomineralization Proteins Retrieved from Proteomics: A Case Study with Upsalin. ChemBioChem, 2012, 13, 1067-1078.	2.6	17
9	Novel genomic resources for shelled pteropods: a draft genome and target capture probes for Limacina bulimoides, tested for cross-species relevance. BMC Genomics, 2020, 21, 11.	2.8	13
10	Metazoan calcium carbonate biomineralizations: macroevolutionary trends – challenges for the coming decade. Bulletin - Societie Geologique De France, 2014, 185, 217-232.	2.2	11
11	Evolution and biomineralization of pteropod shells. Journal of Structural Biology, 2021, 213, 107779.	2.8	11
12	Carbonic Anhydrase and Metazoan Biocalcification: A Focus on Molluscs. Key Engineering Materials, 0, 672, 151-157.	0.4	10
13	Synthesis of Calcium Carbonate Biological Materials: How Many Proteins are Needed?. Key Engineering Materials, 0, 614, 52-61.	0.4	7
14	Rethinking the Niche of Upper-Atmosphere Bacteria: Draft Genome Sequences of Bacillus aryabhattai C765 and Bacillus aerophilus C772, Isolated from Rice Fields. Genome Announcements, 2015, 3, .	0.8	4
15	The impacts of past, present and future ocean chemistry on predatory planktonic snails. Royal Society Open Science, 2021, 8, 202265.	2.4	4
16	Proteins as Functional Units of Biocalcification – An Overview. Key Engineering Materials, 2016, 672, 183-190.	0.4	3
17	Transcriptomic Responses of Adult Versus Juvenile Atlantids to Ocean Acidification. Frontiers in Marine Science, 2022, 9, .	2.5	2
18	From Molecules to Morphologies, a Multiscale Modeling Approach to Unravel the Complex System of		1

Coral Calcification. , 2016, , 223-236.