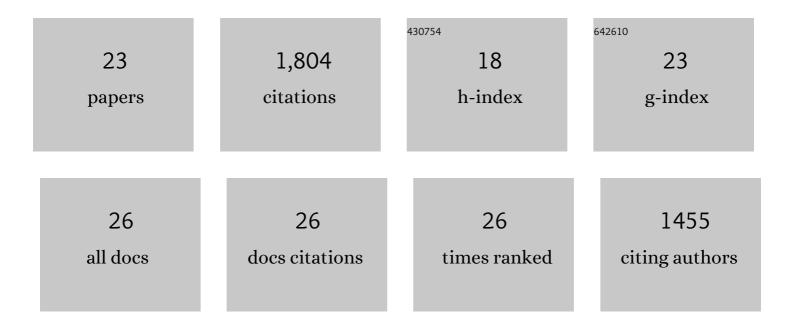
## Tristan Barbeyron

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Assembly and synthesis of the extracellular matrix in brown algae. Seminars in Cell and Developmental Biology, 2023, 134, 112-124.	2.3	6
2	Consuming fresh macroalgae induces specific catabolic pathways, stress reactions and Type IX secretion in marine flavobacterial pioneer degraders. ISME Journal, 2022, 16, 2027-2039.	4.4	10
3	Zobellia roscoffensis sp. nov. and Zobellia nedashkovskayae sp. nov., two flavobacteria from the epiphytic microbiota of the brown alga Ascophyllum nodosum, and emended description of the genus Zobellia. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	18
4	A single sulfatase is required to access colonic mucin by a gut bacterium. Nature, 2021, 598, 332-337.	13.7	87
5	Specific detection and quantification of the marine flavobacterial genus Zobellia on macroalgae using novel qPCR and CARD-FISH assays. Systematic and Applied Microbiology, 2021, 44, 126269.	1.2	8
6	Alteromonas fortis sp. nov., a non-flagellated bacterium specialized in the degradation of iota-carrageenan, and emended description of the genus Alteromonas. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 2514-2521.	0.8	20
7	Evolutionary Evidence of Algal Polysaccharide Degradation Acquisition by Pseudoalteromonas carrageenovora 9T to Adapt to Macroalgal Niches. Frontiers in Microbiology, 2018, 9, 2740.	1.5	54
8	A Novel Enzyme Portfolio for Red Algal Polysaccharide Degradation in the Marine Bacterium Paraglaciecola hydrolytica S66T Encoded in a Sizeable Polysaccharide Utilization Locus. Frontiers in Microbiology, 2018, 9, 839.	1.5	73
9	Structural insights into marine carbohydrate degradation by family CH16 κ-carrageenases. Journal of Biological Chemistry, 2017, 292, 19919-19934.	1.6	38
10	Carrageenan catabolism is encoded by a complex regulon in marine heterotrophic bacteria. Nature Communications, 2017, 8, 1685.	5.8	131
11	Discovering novel enzymes by functional screening of plurigenomic libraries from alga-associated Flavobacteriia and Gammaproteobacteria. Microbiological Research, 2016, 186-187, 52-61.	2.5	34
12	Habitat and taxon as driving forces of carbohydrate catabolism in marine heterotrophic bacteria: example of the model algaeâ€associated bacterium <i>Zobellia galactanivorans</i> Dsij <sup>T</sup> . Environmental Microbiology, 2016, 18, 4610-4627.	1.8	131
13	Matching the Diversity of Sulfated Biomolecules: Creation of a Classification Database for Sulfatases Reflecting Their Substrate Specificity. PLoS ONE, 2016, 11, e0164846.	1.1	147
14	The Cultivable Surface Microbiota of the Brown Alga Ascophyllum nodosum is Enriched in Macroalgal-Polysaccharide-Degrading Bacteria. Frontiers in Microbiology, 2015, 6, 1487.	1.5	172
15	Discovery of a novel iota carrageenan sulfatase isolated from the marine bacterium Pseudoalteromonas carrageenovora. Frontiers in Chemistry, 2014, 2, 67.	1.8	22
16	Genome and metabolic network of ââ,¬Å"Candidatus Phaeomarinobacter ectocarpiââ,¬Â•Ec32, a new candidate genus of Alphaproteobacteria frequently associated with brown algae. Frontiers in Genetics, 2014, 5, 241.	1.1	43
17	Identification and Characterization of a Halotolerant, Cold-Active Marine Endo-β-1,4-Glucanase by Using Functional Metagenomics of Seaweed-Associated Microbiota. Applied and Environmental Microbiology, 2014, 80, 4958-4967.	1.4	52
18	Comparative Characterization of Two Marine Alginate Lyases from Zobellia galactanivorans Reveals Distinct Modes of Action and Exquisite Adaptation to Their Natural Substrate. Journal of Biological Chemistry, 2013, 288, 23021-23037.	1.6	175

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19	Biochemical and Structural Characterization of the Complex Agarolytic Enzyme System from the Marine Bacterium Zobellia galactanivorans. Journal of Biological Chemistry, 2012, 287, 30571-30584.	1.6	139
20	Characterization of the first alginolytic operons in a marine bacterium: from their emergence in marine <i>Flavobacteriia</i> to their independent transfers to marine <i>Proteobacteria</i> and human gut <i>Bacteroides</i> . Environmental Microbiology, 2012, 14, 2379-2394.	1.8	201
21	Evaluation of reference genes for real-time quantitative PCR in the marine flavobacterium Zobellia galactanivorans. Journal of Microbiological Methods, 2011, 84, 61-66.	0.7	60
22	Description of Maribacter forsetii sp. nov., a marine Flavobacteriaceae isolated from North Sea water, and emended description of the genus Maribacter. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 790-797.	0.8	47
23	The endo-β-agarases AgaA and AgaB from the marine bacterium Zobellia galactanivorans: two paralogue enzymes with different molecular organizations and catalytic behaviours. Biochemical Journal, 2005, 385, 703-713.	1.7	130