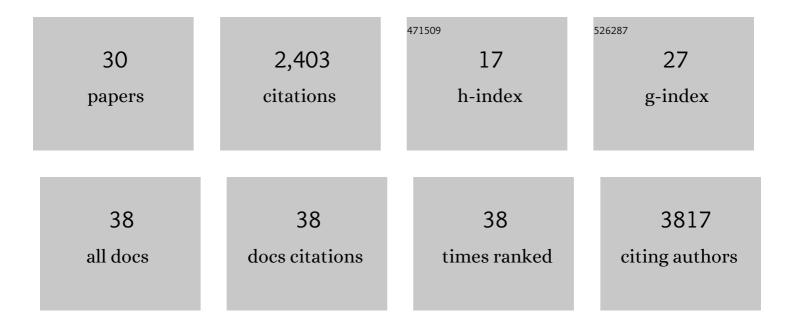
## **Caroline Belser**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6275870/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A reference genome for pea provides insight into legume genome evolution. Nature Genetics, 2019, 51, 1411-1422.	21.4	363
2	Chromosome-scale assemblies of plant genomes using nanopore long reads and optical maps. Nature Plants, 2018, 4, 879-887.	9.3	316
3	Oak genome reveals facets of long lifespan. Nature Plants, 2018, 4, 440-452.	9.3	303
4	Two genomes of highly polyphagous lepidopteran pests (Spodoptera frugiperda, Noctuidae) with different host-plant ranges. Scientific Reports, 2017, 7, 11816.	3.3	242
5	Genome assembly using Nanopore-guided long and error-free DNA reads. BMC Genomics, 2015, 16, 327.	2.8	177
6	Viral to metazoan marine plankton nucleotide sequences from the Tara Oceans expedition. Scientific Data, 2017, 4, 170093.	5.3	147
7	The DNA sequence and analysis of human chromosome 14. Nature, 2003, 421, 601-607.	27.8	108
8	Decoding the oak genome: public release of sequence data, assembly, annotation and publication strategies. Molecular Ecology Resources, 2016, 16, 254-265.	4.8	108
9	Telomere-to-telomere gapless chromosomes of banana using nanopore sequencing. Communications Biology, 2021, 4, 1047.	4.4	86
10	Long-read assembly of the <i>Brassica napus</i> reference genome Darmor-bzh. GigaScience, 2020, 9, .	6.4	64
11	Comparison of library preparation methods reveals their impact on interpretation of metatranscriptomic data. BMC Genomics, 2014, 15, 912.	2.8	56
12	The oak gene expression atlas: insights into Fagaceae genome evolution and the discovery of genes regulated during bud dormancy release. BMC Genomics, 2015, 16, 112.	2.8	49
13	The Tara Pacific expedition—A pan-ecosystemic approach of the "-omics―complexity of coral reef holobionts across the Pacific Ocean. PLoS Biology, 2019, 17, e3000483.	5.6	48
14	Massive postglacial gene flow between European white oaks uncovered genes underlying species barriers. New Phytologist, 2020, 226, 1183-1197.	7.3	46
15	A novel association of the SMN protein with two major non-ribosomal nucleolar proteins and its implication in spinal muscular atrophy. Human Molecular Genetics, 2002, 11, 1017-1027.	2.9	45
16	Population genomics of apricots unravels domestication history and adaptive events. Nature Communications, 2021, 12, 3956.	12.8	45
17	Expanding Tara Oceans Protocols for Underway, Ecosystemic Sampling of the Ocean-Atmosphere Interface During Tara Pacific Expedition (2016–2018). Frontiers in Marine Science, 2019, 6, .	2.5	42
18	Long-read and chromosome-scale assembly of the hexaploid wheat genome achieves high resolution for research and breeding. GigaScience, 2022, 11, .	6.4	26

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#	Article	IF	CITATIONS
19	Genome Size Variation and Comparative Genomics Reveal Intraspecific Diversity in Brassica rapa. Frontiers in Plant Science, 2020, 11, 577536.	3.6	22
20	Evaluating sediment and water sampling methods for the estimation of deep-sea biodiversity using environmental DNA. Scientific Reports, 2021, 11, 7856.	3.3	18
21	Sequencing and Chromosome-Scale Assembly of Plant Genomes, Brassica rapa as a Use Case. Biology, 2021, 10, 732.	2.8	15
22	Epigenomic and structural events preclude recombination in <i>Brassica napus</i> . New Phytologist, 2022, 234, 545-559.	7.3	15
23	BiSCoT: improving large eukaryotic genome assemblies with optical maps. PeerJ, 2020, 8, e10150.	2.0	13
24	Terrestrial and marine influence on atmospheric bacterial diversity over the north Atlantic and Pacific Oceans. Communications Earth & Environment, 2022, 3, .	6.8	13
25	Oxford Nanopore and Bionano Genomics technologies evaluation for plant structural variation detection. BMC Genomics, 2022, 23, 317.	2.8	4
26	Draft Genome Sequence of Tubulinosema ratisbonensis, a Microsporidian Species Infecting the Model Organism Drosophila melanogaster. Microbiology Resource Announcements, 2019, 8, .	0.6	3
27	Diversity and Biogeography of Bathyal and Abyssal Seafloor Bacteria and Archaea Along a Mediterranean—Atlantic Gradient. Frontiers in Microbiology, 2021, 12, 702016.	3.5	2
28	Chromosome-scale assembly of the yellow mealworm genome. Open Research Europe, 0, 1, 94.	2.0	2
29	Chromosome-scale assembly of the yellow mealworm genome. Open Research Europe, 0, 1, 94.	2.0	1
30	BAC ends library generation for Illumina sequencing. Protocol Exchange, 0, , .	0.3	0