

# Adeline Le Cabec

## List of Publications by Year in descending order

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29  
papers

1,586  
citations

567281

15  
h-index

501196

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2080  
citing authors

#	ARTICLE	IF	CITATIONS
1	New fossils from Jebel Irhoud, Morocco and the pan-African origin of Homo sapiens. <i>Nature</i> , 2017, 546, 289-292.	27.8	822
2	Exceptionally high $\delta^{15}N$ values in collagen single amino acids confirm Neandertals as high-trophic level carnivores. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4928-4933.	7.1	91
3	Dental Ontogeny in Pliocene and Early Pleistocene Hominins. <i>PLoS ONE</i> , 2015, 10, e0118118.	2.5	76
4	Effect of X-ray irradiation on ancient DNA in sub-fossil bones – Guidelines for safe X-ray imaging. <i>Scientific Reports</i> , 2016, 6, 32969.	3.3	74
5	<i>Australopithecus afarensis</i> endocasts suggest ape-like brain organization and prolonged brain growth. <i>Science Advances</i> , 2020, 6, eaaz4729.	10.3	55
6	Anterior tooth root morphology and size in Neanderthals: Taxonomic and functional implications. <i>Journal of Human Evolution</i> , 2013, 64, 169-193.	2.6	54
7	Nuclear DNA from two early Neandertals reveals 80,000 years of genetic continuity in Europe. <i>Science Advances</i> , 2019, 5, eaaw5873.	10.3	52
8	Accessing Developmental Information of Fossil Hominin Teeth Using New Synchrotron Microtomography-Based Visualization Techniques of Dental Surfaces and Interfaces. <i>PLoS ONE</i> , 2015, 10, e0123019.	2.5	50
9	Nondestructive adult age at death estimation: Visualizing cementum annulations in a known age historical human assemblage using synchrotron X-ray microtomography. <i>American Journal of Physical Anthropology</i> , 2019, 168, 25-44.	2.1	41
10	Incremental distribution of strontium and zinc in great ape and fossil hominin cementum using synchrotron X-ray fluorescence mapping. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20170626.	3.4	36
11	3D enamel thickness in Neandertal and modern human permanent canines. <i>Journal of Human Evolution</i> , 2017, 113, 162-172.	2.6	28
12	Synchrotron X-ray fluorescence mapping of Ca, Sr and Zn at the neonatal line in human deciduous teeth reflects changing perinatal physiology. <i>Archives of Oral Biology</i> , 2019, 104, 90-102.	1.8	28
13	Long anterior mandibular tooth roots in Neanderthals are not the result of their large jaws. <i>Journal of Human Evolution</i> , 2012, 63, 667-681.	2.6	27
14	Disentangling isolated dental remains of Asian Pleistocene hominins and pongines. <i>PLoS ONE</i> , 2018, 13, e0204737.	2.5	24
15	Dental development and age at death of the holotype of <i>Anapithecus hernyaki</i> (RUD 9) using synchrotron virtual histology. <i>Journal of Human Evolution</i> , 2017, 108, 161-175.	2.6	16
16	Patterns of lateral enamel growth in <i>Homo naledi</i> as assessed through perikymata distribution and number. <i>Journal of Human Evolution</i> , 2018, 121, 40-54.	2.6	15
17	Zinc isotope variations in archeological human teeth (Lapa do Santo, Brazil) reveal dietary transitions in childhood and no contamination from gloves. <i>PLoS ONE</i> , 2020, 15, e0232379.	2.5	15
18	Safe Casting and Reliable Cusp Reconstruction Assisted by Micro-Computed Tomographic Scans of Fossil Teeth. <i>Anatomical Record</i> , 2019, 302, 1516-1535.	1.4	11

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19	Synchrotron X-ray fluorescence imaging of strontium incorporated into the enamel and dentine of wild-shot orangutan canine teeth. <i>Archives of Oral Biology</i> , 2020, 119, 104879.	1.8	11
20	The orthotropic elastic properties of fibrolamellar bone tissue in juvenile white-tailed deer femora. <i>Journal of Anatomy</i> , 2016, 229, 568-576.	1.5	9
21	Insights into the palaeobiology of an early Homo infant: multidisciplinary investigation of the GAR IVE hemi-mandible, Melka Kunture, Ethiopia. <i>Scientific Reports</i> , 2021, 11, 23087.	3.3	8
22	Growth and development of the third permanent molar in <i>Paranthropus robustus</i> from Swartkrans, South Africa. <i>Scientific Reports</i> , 2020, 10, 19053.	3.3	7
23	Skull reconstruction of the late Miocene ape <i>Rudapithecus hungaricus</i> from Rudabánya, Hungary. <i>Journal of Human Evolution</i> , 2020, 138, 102687.	2.6	6
24	The Neanderthal teeth from Marillac (Charente, Southwestern France): Morphology, comparisons and paleobiology. <i>Journal of Human Evolution</i> , 2020, 138, 102683.	2.6	6
25	Impacts of curatorial and research practices on the preservation of fossil hominid remains. <i>Journal of Anthropological Sciences</i> , 2017, 95, 7-34.	0.4	5
26	The Late Neandertal permanent lower left third premolar from Walou Cave (Trooz, Belgium) and its context. <i>American Journal of Physical Anthropology</i> , 2017, 164, 193-202.	2.1	3
27	Synchrotron radiation-based phase-contrast microtomography of human dental calculus allows nondestructive analysis of inclusions: implications for archeological samples. <i>Journal of Medical Imaging</i> , 2022, 9, 031505.	1.5	2
28	Toward the Nondestructive Imaging of Cementum Annulations Using Synchrotron X-Ray Microtomography. , 2022, , 249-257.		1
29	Incremental Elemental Distribution in Chimpanzee Cellular Cementum: Insights from Synchrotron X-Ray Fluorescence and Implications for Life-History Inferences. , 2022, , 138-154.		0