

# Adeline Le Cabec

## List of Publications by Year in descending order

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29  
papers

1,586  
citations

567281

15  
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501196

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g-index

32  
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32  
docs citations

32  
times ranked

2080  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward the Nondestructive Imaging of Cementum Annulations Using Synchrotron X-Ray Microtomography. , 2022, , 249-257.		1
2	Incremental Elemental Distribution in Chimpanzee Cellular Cementum: Insights from Synchrotron X-Ray Fluorescence and Implications for Life-History Inferences. , 2022, , 138-154.		0
3	Synchrotron radiation-based phase-contrast microtomography of human dental calculus allows nondestructive analysis of inclusions: implications for archeological samples. Journal of Medical Imaging, 2022, 9, 031505.	1.5	2
4	Insights into the palaeobiology of an early Homo infant: multidisciplinary investigation of the GAR IVE hemi-mandible, Melka Kunture, Ethiopia. Scientific Reports, 2021, 11, 23087.	3.3	8
5	Skull reconstruction of the late Miocene ape <i>Rudapithecus hungaricus</i> from Rudabánya, Hungary. Journal of Human Evolution, 2020, 138, 102687.	2.6	6
6	The Neanderthal teeth from Marillac (Charente, Southwestern France): Morphology, comparisons and paleobiology. Journal of Human Evolution, 2020, 138, 102683.	2.6	6
7	Synchrotron X-ray fluorescence imaging of strontium incorporated into the enamel and dentine of wild-shot orangutan canine teeth. Archives of Oral Biology, 2020, 119, 104879.	1.8	11
8	Growth and development of the third permanent molar in <i>Paranthropus robustus</i> from Swartkrans, South Africa. Scientific Reports, 2020, 10, 19053.	3.3	7
9	Zinc isotope variations in archeological human teeth (Lapa do Santo, Brazil) reveal dietary transitions in childhood and no contamination from gloves. PLoS ONE, 2020, 15, e0232379.	2.5	15
10	<i>Australopithecus afarensis</i> endocasts suggest ape-like brain organization and prolonged brain growth. Science Advances, 2020, 6, eaaz4729.	10.3	55
11	Nuclear DNA from two early Neandertals reveals 80,000 years of genetic continuity in Europe. Science Advances, 2019, 5, eaaw5873.	10.3	52
12	Synchrotron X-ray fluorescence mapping of Ca, Sr and Zn at the neonatal line in human deciduous teeth reflects changing perinatal physiology. Archives of Oral Biology, 2019, 104, 90-102.	1.8	28
13	Exceptionally high $\delta^{15}N$ values in collagen single amino acids confirm Neandertals as high-trophic level carnivores. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4928-4933.	7.1	91
14	Nondestructive adult age at death estimation: Visualizing cementum annulations in a known age historical human assemblage using synchrotron X-ray microtomography. American Journal of Physical Anthropology, 2019, 168, 25-44.	2.1	41
15	Safe Casting and Reliable Cusp Reconstruction Assisted by Micro-Computed Tomographic Scans of Fossil Teeth. Anatomical Record, 2019, 302, 1516-1535.	1.4	11
16	Incremental distribution of strontium and zinc in great ape and fossil hominin cementum using synchrotron X-ray fluorescence mapping. Journal of the Royal Society Interface, 2018, 15, 20170626.	3.4	36
17	Patterns of lateral enamel growth in <i>Homo naledi</i> as assessed through perikymata distribution and number. Journal of Human Evolution, 2018, 121, 40-54.	2.6	15
18	Disentangling isolated dental remains of Asian Pleistocene hominins and pongines. PLoS ONE, 2018, 13, e0204737.	2.5	24

#	ARTICLE	IF	CITATIONS
19	New fossils from Jebel Irhoud, Morocco and the pan-African origin of Homo sapiens. <i>Nature</i> , 2017, 546, 289-292.	27.8	822
20	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
21	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
22	3D enamel thickness in Neandertal and modern human permanent canines. <i>Journal of Human Evolution</i> , 2017, 113, 162-172.	2.6	28
23	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
24	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
25	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
26	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
27	Dental Ontogeny in Pliocene and Early Pleistocene Hominins. <i>PLoS ONE</i> , 2015, 10, e0118118.	2.5	76
28	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
29	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