Ornella C Bertrand

List of Publications by Year
in descending order

18	419	687363 13	888059 17
papers	citations	h-index	g-index

18	18	18	287
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Two New Taxa (Caviomorpha, Rodentia) from the Early Oligocene Tinguiririca Fauna (Chile). American Museum Novitates, 2012, 3750, 1-36.	0.6	57
2	Cranial dimensions as estimators of body mass and locomotor habits in extant and fossil rodents. Journal of Vertebrate Paleontology, 2016, 36, e1014905.	1.0	36
3	Virtual endocast of the early Oligocene Cedromus wilsoni (Cedromurinae) and brain evolution in squirrels. Journal of Anatomy, 2017, 230, 128-151.	1.5	36
4	Endocranial shape variation in the squirrelâ€related clade and their fossil relatives using 3D geometric morphometrics: contributions of locomotion and phylogeny to brain shape. Journal of Zoology, 2019, 308, 197-211.	1.7	35
5	Virtual endocasts of EoceneParamys(Paramyinae): oldest endocranial record for Rodentia and early brain evolution in Euarchontoglires. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152316.	2.6	34
6	First virtual endocasts of a fossil rodent:Ischyromys typus(Ischyromyidae, Oligocene) and brain evolution in rodents. Journal of Vertebrate Paleontology, 2016, 36, e1095762.	1.0	31
7	Brawn before brains in placental mammals after the end-Cretaceous extinction. Science, 2022, 376, 80-85.	12.6	30
8	Virtual endocasts of fossil Sciuroidea: brain size reduction in the evolution of fossoriality. Palaeontology, 2018, 61, 919-948.	2.2	28
9	The impact of locomotion on the brain evolution of squirrels and close relatives. Communications Biology, 2021, 4, 460.	4.4	28
10	Divergence-time estimates for hominins provide insight into encephalization and body mass trends in human evolution. Nature Ecology and Evolution, 2021, 5, 808-819.	7.8	25
11	New Virtual Endocasts of Eocene Ischyromyidae and Their Relevance in Evaluating Neurological Changes Occurring Through Time in Rodentia. Journal of Mammalian Evolution, 2019, 26, 345-371.	1.8	23
12	Cranial endocast of the stem lagomorphMegalagusand brain structure of basal Euarchontoglires. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20200665.	2.6	17
13	Virtual endocranial and inner ear endocasts of the Paleocene â€˜condylarthâ€™ Chriacus: new insight into the neurosensory system and evolution of early placental mammals. Journal of Anatomy, 2020, 236, 21-49.	1.5	15
14	Evolution of arboreality and fossoriality in squirrels and aplodontid rodents: Insights from the semicircular canals of fossil rodents. Journal of Anatomy, 2021, 238, 96-112.	1.5	12
15	Scaling patterns of cerebellar petrosal lobules in Euarchontoglires: Impacts of ecology and phylogeny. Anatomical Record, 2022, 305, 3472-3503.	1.4	8
16	Petrosal Anatomy of the Paleocene Eutherian Mammal Deltatherium fundaminis (Cope, 1881). Journal of Mammalian Evolution, 2021, , 1-20.	1.8	3
17	Reply to: Modelling hominin evolution requires accurate hominin data. Nature Ecology and Evolution, 2022, 6, 1092-1094.	7.8	1
18	THE RISE OF PLACENTAL MAMMALS AFTER THE END-CRETACEOUS MASS EXTINCTION. , 2019, , .		0