

Ornella C Bertrand

List of Publications by Year in descending order

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times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	Brawn before brains in placental mammals after the end-Cretaceous extinction. <i>Science</i> , 2022, 376, 80-85.	6.0	30
2	Scaling patterns of cerebellar petrosal lobules in Euarchontoglires: Impacts of ecology and phylogeny. <i>Anatomical Record</i> , 2022, 305, 3472-3503.	0.8	8
3	Reply to: Modelling hominin evolution requires accurate hominin data. <i>Nature Ecology and Evolution</i> , 2022, 6, 1092-1094.	3.4	1
4	Evolution of arboreality and fossoriality in squirrels and aplodontid rodents: Insights from the semicircular canals of fossil rodents. <i>Journal of Anatomy</i> , 2021, 238, 96-112.	0.9	12
5	The impact of locomotion on the brain evolution of squirrels and close relatives. <i>Communications Biology</i> , 2021, 4, 460.	2.0	28
6	Divergence-time estimates for hominins provide insight into encephalization and body mass trends in human evolution. <i>Nature Ecology and Evolution</i> , 2021, 5, 808-819.	3.4	25
7	Petrosal Anatomy of the Paleocene Eutherian Mammal <i>Deltatherium fundaminis</i> (Cope, 1881). <i>Journal of Mammalian Evolution</i> , 2021, , 1-20.	1.0	3
8	Virtual endocranial and inner ear endocasts of the Paleocene <i>condylarth</i> ™ <i>Chriacus</i> : new insight into the neurosensory system and evolution of early placental mammals. <i>Journal of Anatomy</i> , 2020, 236, 21-49.	0.9	15
9	Cranial endocast of the stem lagomorph <i>Megalagus</i> and brain structure of basal Euarchontoglires. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200665.	1.2	17
10	Endocranial shape variation in the squirrel-related clade and their fossil relatives using 3D geometric morphometrics: contributions of locomotion and phylogeny to brain shape. <i>Journal of Zoology</i> , 2019, 308, 197-211.	0.8	35
11	New Virtual Endocasts of Eocene Ischyromyidae and Their Relevance in Evaluating Neurological Changes Occurring Through Time in Rodentia. <i>Journal of Mammalian Evolution</i> , 2019, 26, 345-371.	1.0	23
12	THE RISE OF PLACENTAL MAMMALS AFTER THE END-CRETACEOUS MASS EXTINCTION. , 2019, , .		0
13	Virtual endocasts of fossil Sciuroidea: brain size reduction in the evolution of fossoriality. <i>Palaeontology</i> , 2018, 61, 919-948.	1.0	28
14	Virtual endocast of the early Oligocene <i>Cedromus wilsoni</i> (Cedromurinae) and brain evolution in squirrels. <i>Journal of Anatomy</i> , 2017, 230, 128-151.	0.9	36
15	Virtual endocasts of Eocene <i>Paramys</i> (Paramyinae): oldest endocranial record for Rodentia and early brain evolution in Euarchontoglires. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152316.	1.2	34
16	First virtual endocasts of a fossil rodent: <i>Ischyromys typus</i> (Ischyromyidae, Oligocene) and brain evolution in rodents. <i>Journal of Vertebrate Paleontology</i> , 2016, 36, e1095762.	0.4	31
17	Cranial dimensions as estimators of body mass and locomotor habits in extant and fossil rodents. <i>Journal of Vertebrate Paleontology</i> , 2016, 36, e1014905.	0.4	36
18	Two New Taxa (Caviomorpha, Rodentia) from the Early Oligocene Tinguiririca Fauna (Chile). <i>American Museum Novitates</i> , 2012, 3750, 1-36.	0.2	57