Philippe Janvier

List of Publications by Year
in descending order

106 papers	3,745 citations	117625 34 h-index	149698 56 g-index
130 all docs	130 docs citations	130 times ranked	2344 citing authors

#	Article	IF	Citations
1	A new look at the Cretaceous Lamprey Mesomyzon Chang, Zhang & Miao, 2006 from the Jehol Biota. Geodiversitas, 2021, 43, .	0.8	4
2	A Lungfish (Sarcopterygii, Dipnomorpha) Tooth Plate from the Lower Devonian of Vietnam and the Onset of Modern Dipnoan Dental Organization. Journal of Vertebrate Paleontology, 2020, 40, e1772274.	1.0	2
3	New insights into Late Devonian vertebrates and associated fauna from the Cuche Formation (Floresta Massif, Colombia). Journal of Vertebrate Paleontology, 2019, 39, e1620247.	1.0	10
4	Neurocranial development of the coelacanth and the evolution of the sarcopterygian head. Nature, 2019, 569, 556-559.	27.8	35
5	The evolution of lamprey (Petromyzontida) life history and the origin of metamorphosis. Reviews in Fish Biology and Fisheries, 2018, 28, 825-838.	4.9	24
6	The â€˜Tully Monsterâ€™ is not a vertebrate: characters, convergence and taphonomy in Palaeozoic problematic animals. Palaeontology, 2017, 60, 149-157.	2.2	17
7	Elasmobranchs and Their Extinct Relatives: Diversity, Relationships, and Adaptations Through Time. Fish Physiology, 2015, 34, 1-17.	0.8	4
8	Facts and fancies about early fossil chordates and vertebrates. Nature, 2015, 520, 483-489.	27.8	80
9	Fossil hagfishes, fossil cyclostomes, and the lost world of â€œostracodermsâ€• Marine Biology, 2015, , 73-94.	0.1	5
10	The growth of the skull roof plates in Arabosteus variabilis (Acanthothoraci, Placodermi) from the Early Devonian Jauf Formation (Saudi Arabia): Preliminary results. Paleontological Journal, 2014, 48, 992-1002.	0.5	1
11	The presumed hagfish Myxineidus gononorum from the Upper Carboniferous of Montceau-les-Mines (SaÃ´ne-et-Loire, France): New data obtained by means of Propagation Phase Contrast X-ray Synchrotron Microtomography. Annales De Paleontologie, 2014, 100, 131-135.	0.5	5
12	Early fossils illuminate character evolution and interrelationships of Lampridiformes (Teleostei,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	2.3	19
13	Further evidence for the presence of holoptychiid porolepiforms (Sarcopterygii, Dipnomorpha) from the Frasnian of Colombia. Comptes Rendus - Palevol, 2014, 13, 587-597.	0.2	7
14	Inside-out turned upside-down. Nature, 2013, 502, 457-458.	27.8	5
15	Led by the nose. Nature, 2013, 493, 169-170.	27.8	8
16	Silurian and Devonian in Vietnamâ€”Stratigraphy and facies. Journal of Geodynamics, 2013, 69, 165-185.	1.6	25
17	Duplications of hox gene clusters and the emergence of vertebrates. Developmental Biology, 2013, 378, 194-199.	2.0	62
18	The buccohypophyseal canal is an ancestral vertebrate trait maintained by modulation in sonic hedgehog signaling. BMC Biology, 2013, 11, 27.	3.8	35

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19	Scale morphology and squamation of the Late Silurian osteichthyanAndreolepisfrom Gotland, Sweden. Historical Biology, 2012, 24, 411-423.	1.4	21
20	The oldest flora of the South China Block, and the stratigraphic bearings of the plant remains from the Ngoc Vung Series, northern Vietnam. Journal of Asian Earth Sciences, 2012, 43, 51-63.	2.3	12
21	The Giant Cretaceous Coelacanth (Actinistia, Sarcopterygii) Megalocoelacanthus dobiei Schwimmer, Stewart & Williams, 1994, and Its Bearing on Latimerioidei Interrelationships. PLoS ONE, 2012, 7, e49911.	2.5	44
22	Fossil jawless fish from China foreshadows early jawed vertebrate anatomy. Nature, 2011, 476, 324-327.	27.8	112
23	The skull ofHagiangella goujetiJanvier, 2005, a high-crested acanthothoracid (Vertebrata,) Tj ETQq1 1 0.784314 rgBT /Overlock 1 31, 531-538.	1.0	4
24	A New Paleozoic Symmoriiformes (Chondrichthyes) from the Late Carboniferous of Kansas (USA) and Cladistic Analysis of Early Chondrichthyans. PLoS ONE, 2011, 6, e24938.	2.5	60
25	Teeth before jaws? Comparative analysis of the structure and development of the external and internal scales in the extinct jawless vertebrate<scp>L</scp>oganellia scotica. Evolution & Development, 2011, 13, 523-532.	2.0	34
26	Comparative Anatomy: All Vertebrates Do Have Vertebrae. Current Biology, 2011, 21, R661-R663.	3.9	24
27	Large colonial organisms with coordinated growth in oxygenated environments 2.1â€‰Gyr ago. Nature, 2010, 466, 100-104.	27.8	235
28	Muddy tetrapod origins. Nature, 2010, 463, 40-41.	27.8	23
29	Jaw muscularization requires Dlx expression by cranial neural crest cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11441-11446.	7.1	51
30	microRNAs revive old views about jawless vertebrate divergence and evolution. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19137-19138.	7.1	55
31	Motion from the past. A new method to infer vestibular capacities of extinct species. Comptes Rendus - Palevol, 2010, 9, 397-410.	0.2	70
32	Study of the pectoral girdle and fins of the Late Carboniferous sibyrhynchid iniopterygians (Vertebrata, Chondrichthyes, Iniopterygia) from Kansas and Oklahoma (USA) by means of microtomography, with comments on iniopterygian relationships. Comptes Rendus - Palevol, 2010, 9, 377-387.	0.2	10
33	Terrestrialization: the early emergence of the concept. Geological Society Special Publication, 2010, 339, 5-9.	1.3	4
34	Skull and brain of a 300-million-year-old chimaeroid fish revealed by synchrotron holotomography. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5224-5228.	7.1	81
35	An enigmatic gnathostome vertebrate skull from the Middle Devonian of Bolivia. Acta Zoologica, 2009, 90, 123-133.	0.8	23
36	Agnathan brain anatomy and craniate phylogeny. Acta Zoologica, 2009, 90, 52-68.	0.8	22

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37	Les premiers vertÃ©brÃ©s et les premiÃ¨res Ã©tapes de lâ€™Ã©volution du crÃ¢ne. Comptes Rendus - Palevol, 2009, 8, 209-219.	0.2	6
38	Occurrence of Sanqiaspis, Liu, 1975 (Vertebrata, Galeaspida) in the Lower Devonian of Vietnam, with remarks on the anatomy and systematics of the Sanqiaspididae. Comptes Rendus - Palevol, 2009, 8, 59-65.	0.2	9
39	Squint of the fossil flatfish. Nature, 2008, 454, 169-170.	27.8	11
40	Early Jawless Vertebrates and Cyclostome Origins. Zoological Science, 2008, 25, 1045-1056.	0.7	75
41	The brain in the early fossil jawless vertebrates: Evolutionary information from an empty nutshell. Brain Research Bulletin, 2008, 75, 314-318.	3.0	12
42	NEW ONYCHODONTIFORM (OSTEICHTHYES; SARCOPTERYGII) FROM THE LOWER DEVONIAN OF VICTORIA, AUSTRALIA. Journal of Paleontology, 2007, 81, 1031-1043.	0.8	11
43	New evidence for the controversial â€œlungsâ€•of the Late Devonian antiarchBothriolepis canadensis(Whiteaves, 1880) (Placodermi: Antiarcha). Journal of Vertebrate Paleontology, 2007, 27, 709-710.	1.0	17
44	Living Primitive Fishes and Fishes From Deep Time. Fish Physiology, 2007, 26, 1-51.	0.8	38
45	Molecular Dynamics of Retinoic Acid-Induced Craniofacial Malformations: Implications for the Origin of Gnathostome Jaws. PLoS ONE, 2007, 2, e510.	2.5	43
46	Born-again hagfishes. Nature, 2007, 446, 622-623.	27.8	29
47	Jaws and teeth of the earliest bony fishes. Nature, 2007, 448, 583-586.	27.8	87
48	Oldest coelacanth, from the Early Devonian of Australia. Biology Letters, 2006, 2, 443-446.	2.3	40
49	Swimming withâ€¦Devonian fish. Geology Today, 2006, 22, 66-67.	0.9	6
50	Modern look for ancient lamprey. Nature, 2006, 443, 921-923.	27.8	75
51	Lamprey-like gills in a gnathostome-related Devonian jawless vertebrate. Nature, 2006, 440, 1183-1185.	27.8	39
52	Lower Devonian vertebrates, arthropods and brachiopods from northern Vietnam. Geobios, 2005, 38, 533-551.	1.4	20
53	Devonian tetrapod from western Europe. Nature, 2004, 427, 412-413.	27.8	50
54	Wandering nostrils. Nature, 2004, 432, 23-24.	27.8	14

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55	On Cephalaspis magnifica Traquair, 1893, from the Middle Devonian of Scotland, and the relationships of the last osteostracans. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2004, 95, 511-525.	0.3	6
56	Further consideration of the earliest known lamprey,Hardistiella montanensisJanvier and Lund, 1983, from the Carboniferous of Bear Gulch, Montana, U.S.A.. Journal of Vertebrate Paleontology, 2004, 24, 742-743.	1.0	12
57	Calcified cartilage in the paired fins of the osteostracanEscuminaspis laticeps(Traquair 1880), from the Late Devonian of Miguasha (QuÃ©bec, Canada), with a consideration of the early evolution of the pectoral fin endoskeleton in vertebrates. Journal of Vertebrate Paleontology, 2004, 24, 773-779.	1.0	49
58	Vertebrate characters and the Cambrian vertebrates. Comptes Rendus - Palevol, 2003, 2, 523-531.	0.2	34
59	Late Devonian acanthodians from Colombia. Journal of South American Earth Sciences, 2003, 16, 155-161.	1.4	13
60	Complete Mitochondrial DNA of the Hagfish, Eptatretus burgeri: The Comparative Analysis of Mitochondrial DNA Sequences Strongly Supports the Cyclostome Monophyly. Molecular Phylogenetics and Evolution, 2002, 22, 184-192.	2.7	103
61	Calcification of early vertebrate cartilage. Nature, 2002, 417, 609-609.	27.8	36
62	The Complete Nucleotide Sequence of the Mitochondrial DNA of the Agnathan Lampetra fluviatilis: Bearings on the Phylogeny of Cyclostomes. Molecular Biology and Evolution, 2000, 17, 519-529.	8.9	48
63	Otx1geneâ€controlled morphogenesis of the horizontal semicircular canal and the origin of the gnathostome characteristics. Evolution & Development, 2000, 2, 186-193.	2.0	54
64	A primitive fossil fish sheds light on the origin of bony fishes. Nature, 1999, 397, 607-610.	27.8	147
65	Catching the first fish. Nature, 1999, 402, 21-22.	27.8	47
66	Major events in early vertebrate evolution. Trends in Ecology and Evolution, 1999, 14, 298-299.	8.7	7
67	Erik Jarvik (1907-98). Nature, 1998, 392, 338-338.	27.8	1
68	Forerunners of four legs. Nature, 1998, 395, 748-749.	27.8	13
69	A cold look at odd vertebrate phylogenies. Journal of Molecular Evolution, 1998, 46, 375-377.	1.8	7
70	The Complete Nucleotide Sequence of the Mitochondrial DNA of the Dogfish, Scyliorhinus canicula. Genetics, 1998, 150, 331-344.	2.9	44
71	The Devonian vertebrates (Placodermi, Sarcopterygii) from Central Vietnam and their bearing on the Devonian palaeogeography of Southeast Asia. Journal of Asian Earth Sciences, 1997, 15, 393-406.	2.3	18
72	Fishy fragments tip the scales. Nature, 1996, 383, 757-758.	27.8	15

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73	A small antiarch,Minicrania lirouyiigen. et sp. nov., from the Early Devonian of Qujing, Yunnan (China), with remarks on antiarch phylogeny. Journal of Vertebrate Paleontology, 1996, 16, 1-15.	1.0	31
74	Fish suggests continental connections between the Indochina and South China blocks in Middle Devonian time. Geology, 1996, 24, 571.	4.4	69
75	Combien d'OstÃ©ostracÃ©s a Miguasha?. Geobios, 1995, 28, 19-22.	1.4	4
76	Nefudina qalibahensis nov. gen., nov. sp.un rhenanide (Vertebrata, Placodermi) du DÃ©vonien infÃ©rieur de la Formation Jauf (Emsien) d'Arabie Saoudite. Geobios, 1995, 28, 109-115.	1.4	12
77	Conodonts join the club. Nature, 1995, 374, 761-762.	27.8	34
78	Early Devonian Osteostracans from Severnaya Zemlya, Russia. Journal of Vertebrate Paleontology, 1995, 15, 449-462.	1.0	6
79	Early Devonian fishes from trang Xa (Bac Thai, Vietnam), with remarks on the distribution of the vertebrates in the Song Cau Group. Journal of Southeast Asian Earth Sciences, 1994, 10, 235-243.	0.2	11
80	Denticles in thelodonts. Nature, 1993, 364, 107-107.	27.8	40
81	Agnathans and the origin of jawed vertebrates. Nature, 1993, 361, 129-134.	27.8	366
82	Breakdown of trust. Nature, 1989, 341, 16-16.	27.8	7
83	Conodont affinity: a reply. Lethaia, 1988, 21, 27-27.	1.4	6
84	The paired fins of anaspids: one more hypothesis about their function. Journal of Paleontology, 1987, 61, 850-853.	0.8	5
85	Chondrichthyan and actinopterygian remains from theLower Permian Copacabana Formation of Bolivia. Geobios, 1986, 19, 479-493.	1.4	12
86	A second lamprey from the Lower Carboniferous (Namurian) of Bear Gulch, Montana (U.S.A.). Geobios, 1986, 19, 647-652.	1.4	30
87	Tannuaspis, Tuvaspis and Ilemoraspis,endemic osteostracan genera from the Silurian and Devonian of Tuva and Khakassia (USSR). Geobios, 1985, 18, 493-506.	1.4	18
88	The relationships of the Osteostraci and Galeaspida. Journal of Vertebrate Paleontology, 1984, 4, 344-358.	1.0	44
89	Jamoytius-like vertebrates from the Lower Devonian Manlius Formation of New York State. Journal of Vertebrate Paleontology, 1984, 4, 501-506.	1.0	6
90	Hardistiella montanensisn. gen. et sp. (Petromyzontida) from the Lower Carboniferous of Montana, with remarks on the affinities of the lampreys. Journal of Vertebrate Paleontology, 1983, 2, 407-413.	1.0	78

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91	Triassic turtle remains from northeastern Thailand. Journal of Vertebrate Paleontology, 1982, 2, 41-46.	1.0	19
92	Title is missing!. Geobios, 1982, 15, 611.	1.4	0
93	Title is missing!. Geobios, 1982, 15, 612.	1.4	0
94	Title is missing!. Geobios, 1982, 15, 431-432.	1.4	0
95	Title is missing!. Geobios, 1982, 15, 433-434.	1.4	1
96	Title is missing!. Geobios, 1982, 15, 437.	1.4	0
97	The phylogeny of the Craniata, with particular reference to the significance of fossil â€œagnathansâ€. Journal of Vertebrate Paleontology, 1981, 1, 121-159.	1.0	195
98	Bradyodont (Chondrichthyes) teeth from the Permianand Carboniferous of Northern Thailand. Geobios, 1981, 14, 651-653.	1.4	2
99	Cyclotosaurus cf. Posthumus Fraas (Capitosauridae, Stereospondyli) from the Huai Hin Lat Formation (Upper Triassic), Northeastern Thailand. Geobios, 1981, 14, 711-725.	1.4	32
100	Cladism defended (reply). Nature, 1979, 280, 542-542.	27.8	5
101	New Data on the Internal Anatomy of the Heterostraci (Agnatha), with General Remarks on the Phytogeny of the Craniota. Zoologica Scripta, 1979, 8, 287-296.	1.7	40
102	Middle Devonian Thelodonti (Agnatha) from the Khush-Yeilagh Formation, North-East Iran. Geobios, 1979, 12, 889-892.	1.4	12
103	Les yeux des Cyclostomes fossiles et le problÃ¨me de l'origine des MyxinoÃ¯des. Acta Zoologica, 1975, 56, 1-9.	0.8	17
104	The Sensory Line System and Its Innervation in the Osteostraci (Agnatha, Cephalaspidomorphi). Zoologica Scripta, 1974, 3, 91-99.	1.7	13
105	The Structure of the IMaso-hypophysial Complex and the Mouth in Fossil and Extant Cyclostomes, with Remarks on Amphiaspiforms. Zoologica Scripta, 1974, 3, 193-200.	1.7	20
106	Clues to the identity of the fossil fish Palaeospondylus. Nature, 0, , .	27.8	0