

Philippe Janvier

List of Publications by Year in descending order

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106
papers

3,745
citations

134610

34
h-index

169272

56
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130
all docs

130
docs citations

130
times ranked

2642
citing authors

#	ARTICLE	IF	CITATIONS
1	A new look at the Cretaceous Lamprey <i>Mesomyzon</i> Chang, Zhang & Miao, 2006 from the Jehol Biota. <i>Geodiversitas</i> , 2021, 43, .	0.2	4
2	A Lungfish (Sarcopterygii, Dipnomorpha) Tooth Plate from the Lower Devonian of Vietnam and the Onset of Modern Dipnoan Dental Organization. <i>Journal of Vertebrate Paleontology</i> , 2020, 40, e1772274.	0.4	2
3	New insights into Late Devonian vertebrates and associated fauna from the Cuche Formation (Floresta Massif, Colombia). <i>Journal of Vertebrate Paleontology</i> , 2019, 39, e1620247.	0.4	10
4	Neurocranial development of the coelacanth and the evolution of the sarcopterygian head. <i>Nature</i> , 2019, 569, 556-559.	13.7	35
5	The evolution of lamprey (Petromyzontida) life history and the origin of metamorphosis. <i>Reviews in Fish Biology and Fisheries</i> , 2018, 28, 825-838.	2.4	24
6	The "Tully Monster" is not a vertebrate: characters, convergence and taphonomy in Palaeozoic problematic animals. <i>Palaeontology</i> , 2017, 60, 149-157.	1.0	17
7	Elasmobranchs and Their Extinct Relatives: Diversity, Relationships, and Adaptations Through Time. <i>Fish Physiology</i> , 2015, 34, 1-17.	0.2	4
8	Facts and fancies about early fossil chordates and vertebrates. <i>Nature</i> , 2015, 520, 483-489.	13.7	80
9	Fossil hagfishes, fossil cyclostomes, and the lost world of "ostracoderms". <i>Marine Biology</i> , 2015, , 73-94.	0.1	5
10	The growth of the skull roof plates in <i>Arabosteus variabilis</i> (Acanthothoraci, Placodermi) from the Early Devonian Jauf Formation (Saudi Arabia): Preliminary results. <i>Paleontological Journal</i> , 2014, 48, 992-1002.	0.2	1
11	The presumed hagfish <i>Myxineidus gononorum</i> from the Upper Carboniferous of Montceau-les-Mines (Saône-et-Loire, France): New data obtained by means of Propagation Phase Contrast X-ray Synchrotron Microtomography. <i>Annales De Paleontologie</i> , 2014, 100, 131-135.	0.1	5
12	Early fossils illuminate character evolution and interrelationships of Lampridiformes (Teleostei). <i>Journal of Molecular Evolution</i> , 2014, 78, 10-19.	1.0	19
13	Further evidence for the presence of holoptychiid porolepiforms (Sarcopterygii, Dipnomorpha) from the Frasnian of Colombia. <i>Comptes Rendus - Palevol</i> , 2014, 13, 587-597.	0.1	7
14	Inside-out turned upside-down. <i>Nature</i> , 2013, 502, 457-458.	13.7	5
15	Led by the nose. <i>Nature</i> , 2013, 493, 169-170.	13.7	8
16	Silurian and Devonian in Vietnam" Stratigraphy and facies. <i>Journal of Geodynamics</i> , 2013, 69, 165-185.	0.7	25
17	Duplications of hox gene clusters and the emergence of vertebrates. <i>Developmental Biology</i> , 2013, 378, 194-199.	0.9	62
18	The buccohypophyseal canal is an ancestral vertebrate trait maintained by modulation in sonic hedgehog signaling. <i>BMC Biology</i> , 2013, 11, 27.	1.7	35

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19	Scale morphology and squamation of the Late Silurian osteichthyan <i>Andreolepis</i> from Gotland, Sweden. <i>Historical Biology</i> , 2012, 24, 411-423.	0.7	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. <i>Journal of Asian Earth Sciences</i> , 2012, 43, 51-63.	1.0	12
21	The Giant Cretaceous Coelacanth (Actinistia, Sarcopterygii) <i>Megalocoelacanthus dobiei</i> Schwimmer, Stewart & Williams, 1994, and Its Bearing on Latimerioidei Interrelationships. <i>PLoS ONE</i> , 2012, 7, e49911.	1.1	44
22	Fossil jawless fish from China foreshadows early jawed vertebrate anatomy. <i>Nature</i> , 2011, 476, 324-327.	13.7	112
23	The skull of <i>Hagiangella goujeti</i> Janvier, 2005, a high-crested acanthothoracid (Vertebrata). <i>TJ ETQq1 1 0.784314 rgBT /Overlock</i> 31, 531-538.	0.4	4
24	A New Paleozoic Symmoriiformes (Chondrichthyes) from the Late Carboniferous of Kansas (USA) and Cladistic Analysis of Early Chondrichthyans. <i>PLoS ONE</i> , 2011, 6, e24938.	1.1	60
25	Teeth before jaws? Comparative analysis of the structure and development of the external and internal scales in the extinct jawless vertebrate <i>Oganellia scotica</i> . <i>Evolution & Development</i> , 2011, 13, 523-532.	1.1	34
26	Comparative Anatomy: All Vertebrates Do Have Vertebrae. <i>Current Biology</i> , 2011, 21, R661-R663.	1.8	24
27	Large colonial organisms with coordinated growth in oxygenated environments 2.1â€‰Gyr ago. <i>Nature</i> , 2010, 466, 100-104.	13.7	235
28	Muddy tetrapod origins. <i>Nature</i> , 2010, 463, 40-41.	13.7	23
29	Jaw muscularization requires <i>Dlx</i> expression by cranial neural crest cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11441-11446.	3.3	51
30	microRNAs revive old views about jawless vertebrate divergence and evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19137-19138.	3.3	55
31	Motion from the past. A new method to infer vestibular capacities of extinct species. <i>Comptes Rendus - Palevol</i> , 2010, 9, 397-410.	0.1	70
32	Study of the pectoral girdle and fins of the Late Carboniferous silyrhynchid iniopterygians (Vertebrata, Chondrichthyes, Iniopterygia) from Kansas and Oklahoma (USA) by means of microtomography, with comments on iniopterygian relationships. <i>Comptes Rendus - Palevol</i> , 2010, 9, 377-387.	0.1	10
33	Terrestrialization: the early emergence of the concept. <i>Geological Society Special Publication</i> , 2010, 339, 5-9.	0.8	4
34	Skull and brain of a 300-million-year-old chimaeroid fish revealed by synchrotron holotomography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5224-5228.	3.3	81
35	An enigmatic gnathostome vertebrate skull from the Middle Devonian of Bolivia. <i>Acta Zoologica</i> , 2009, 90, 123-133.	0.6	23
36	Agnathan brain anatomy and craniate phylogeny. <i>Acta Zoologica</i> , 2009, 90, 52-68.	0.6	22

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37	Les premiers vertébrés et les premières étapes de l'évolution du crâne. Comptes Rendus - Palevol, 2009, 8, 209-219.	0.1	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.	0.1	9
39	Squint of the fossil flatfish. Nature, 2008, 454, 169-170.	13.7	11
40	Early Jawless Vertebrates and Cyclostome Origins. Zoological Science, 2008, 25, 1045-1056.	0.3	75
41	The brain in the early fossil jawless vertebrates: Evolutionary information from an empty nutshell. Brain Research Bulletin, 2008, 75, 314-318.	1.4	12
42	NEW ONYCHODONTIFORM (OSTEICHTHYES; SARCOPTERYGII) FROM THE LOWER DEVONIAN OF VICTORIA, AUSTRALIA. Journal of Paleontology, 2007, 81, 1031-1043.	0.5	11
43	New evidence for the controversial "œlungs" of the Late Devonian antiarch <i>Bothriolepis canadensis</i> (Whiteaves, 1880) (Placodermi: Antiarcha). Journal of Vertebrate Paleontology, 2007, 27, 709-710.	0.4	17
44	Living Primitive Fishes and Fishes From Deep Time. Fish Physiology, 2007, 26, 1-51.	0.2	38
45	Molecular Dynamics of Retinoic Acid-Induced Craniofacial Malformations: Implications for the Origin of Gnathostome Jaws. PLoS ONE, 2007, 2, e510.	1.1	43
46	Born-again hagfishes. Nature, 2007, 446, 622-623.	13.7	29
47	Jaws and teeth of the earliest bony fishes. Nature, 2007, 448, 583-586.	13.7	87
48	Oldest coelacanth, from the Early Devonian of Australia. Biology Letters, 2006, 2, 443-446.	1.0	40
49	Swimming with a Devonian fish. Geology Today, 2006, 22, 66-67.	0.3	6
50	Modern look for ancient lamprey. Nature, 2006, 443, 921-923.	13.7	75
51	Lamprey-like gills in a gnathostome-related Devonian jawless vertebrate. Nature, 2006, 440, 1183-1185.	13.7	39
52	Lower Devonian vertebrates, arthropods and brachiopods from northern Vietnam. Geobios, 2005, 38, 533-551.	0.7	20
53	Devonian tetrapod from western Europe. Nature, 2004, 427, 412-413.	13.7	50
54	Wandering nostrils. Nature, 2004, 432, 23-24.	13.7	14

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55	On <i>Cephalaspis magnifica</i> Traquair, 1893, from the Middle Devonian of Scotland, and the relationships of the last osteostracans. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2004, 95, 511-525.	0.3	6
56	Further consideration of the earliest known lamprey, <i>Hardistiella montanensis</i> Janvier and Lund, 1983, from the Carboniferous of Bear Gulch, Montana, U.S.A.. <i>Journal of Vertebrate Paleontology</i> , 2004, 24, 742-743.	0.4	12
57	Calcified cartilage in the paired fins of the osteostracan <i>Escuminaspis laticeps</i> (Traquair 1880), from the Late Devonian of Miguasha (Québec, Canada), with a consideration of the early evolution of the pectoral fin endoskeleton in vertebrates. <i>Journal of Vertebrate Paleontology</i> , 2004, 24, 773-779.	0.4	49
58	Vertebrate characters and the Cambrian vertebrates. <i>Comptes Rendus - Palevol</i> , 2003, 2, 523-531.	0.1	34
59	Late Devonian acanthodians from Colombia. <i>Journal of South American Earth Sciences</i> , 2003, 16, 155-161.	0.6	13
60	Complete Mitochondrial DNA of the Hagfish, <i>Eptatretus burgeri</i> : The Comparative Analysis of Mitochondrial DNA Sequences Strongly Supports the Cyclostome Monophyly. <i>Molecular Phylogenetics and Evolution</i> , 2002, 22, 184-192.	1.2	103
61	Calcification of early vertebrate cartilage. <i>Nature</i> , 2002, 417, 609-609.	13.7	36
62	The Complete Nucleotide Sequence of the Mitochondrial DNA of the Agnathan <i>Lampetra fluviatilis</i> : Bearings on the Phylogeny of Cyclostomes. <i>Molecular Biology and Evolution</i> , 2000, 17, 519-529.	3.5	48
63	<i>Otx1</i> gene controlled morphogenesis of the horizontal semicircular canal and the origin of the gnathostome characteristics. <i>Evolution & Development</i> , 2000, 2, 186-193.	1.1	54
64	A primitive fossil fish sheds light on the origin of bony fishes. <i>Nature</i> , 1999, 397, 607-610.	13.7	147
65	Catching the first fish. <i>Nature</i> , 1999, 402, 21-22.	13.7	47
66	Major events in early vertebrate evolution. <i>Trends in Ecology and Evolution</i> , 1999, 14, 298-299.	4.2	7
67	Erik Jarvik (1907-98). <i>Nature</i> , 1998, 392, 338-338.	13.7	1
68	Forerunners of four legs. <i>Nature</i> , 1998, 395, 748-749.	13.7	13
69	A cold look at odd vertebrate phylogenies. <i>Journal of Molecular Evolution</i> , 1998, 46, 375-377.	0.8	7
70	The Complete Nucleotide Sequence of the Mitochondrial DNA of the Dogfish, <i>Scyliorhinus canicula</i> . <i>Genetics</i> , 1998, 150, 331-344.	1.2	44
71	The Devonian vertebrates (Placodermi, Sarcopterygii) from Central Vietnam and their bearing on the Devonian palaeogeography of Southeast Asia. <i>Journal of Asian Earth Sciences</i> , 1997, 15, 393-406.	1.0	18
72	Fishy fragments tip the scales. <i>Nature</i> , 1996, 383, 757-758.	13.7	15

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73	A small antiarch, <i>Minicrania lirouyii</i> gen. et sp. nov., from the Early Devonian of Qujing, Yunnan (China), with remarks on antiarch phylogeny. <i>Journal of Vertebrate Paleontology</i> , 1996, 16, 1-15.	0.4	31
74	Fish suggests continental connections between the Indochina and South China blocks in Middle Devonian time. <i>Geology</i> , 1996, 24, 571.	2.0	69
75	Combien d'Ostéostracés a Miguasha?. <i>Geobios</i> , 1995, 28, 19-22.	0.7	4
76	<i>Nefudina qalibahensis</i> nov. gen., nov. sp. un rhenanide (Vertebrata, Placodermi) du Devonien inférieur de la Formation Jauf (Emsien) d'Arabie Saoudite. <i>Geobios</i> , 1995, 28, 109-115.	0.7	12
77	Conodonts join the club. <i>Nature</i> , 1995, 374, 761-762.	13.7	34
78	Early Devonian Osteostracans from Severnaya Zemlya, Russia. <i>Journal of Vertebrate Paleontology</i> , 1995, 15, 449-462.	0.4	6
79	Early Devonian fishes from trang Xa (Bac Thai, Vietnam), with remarks on the distribution of the vertebrates in the Song Cau Group. <i>Journal of Southeast Asian Earth Sciences</i> , 1994, 10, 235-243.	0.1	11
80	Denticles in thelodonts. <i>Nature</i> , 1993, 364, 107-107.	13.7	40
81	Agnathans and the origin of jawed vertebrates. <i>Nature</i> , 1993, 361, 129-134.	13.7	366
82	Breakdown of trust. <i>Nature</i> , 1989, 341, 16-16.	13.7	7
83	Conodont affinity: a reply. <i>Lethaia</i> , 1988, 21, 27-27.	0.6	6
84	The paired fins of anaspids: one more hypothesis about their function. <i>Journal of Paleontology</i> , 1987, 61, 850-853.	0.5	5
85	Chondrichthyan and actinopterygian remains from the Lower Permian Copacabana Formation of Bolivia. <i>Geobios</i> , 1986, 19, 479-493.	0.7	12
86	A second lamprey from the Lower Carboniferous (Namurian) of Bear Gulch, Montana (U.S.A.). <i>Geobios</i> , 1986, 19, 647-652.	0.7	30
87	<i>Tannuaspis</i> , <i>Tuvaspis</i> and <i>Ilemoraspis</i> , endemic osteostracan genera from the Silurian and Devonian of Tuva and Khakassia (USSR). <i>Geobios</i> , 1985, 18, 493-506.	0.7	18
88	The relationships of the Osteostraci and Galeaspida. <i>Journal of Vertebrate Paleontology</i> , 1984, 4, 344-358.	0.4	44
89	Jamoytius-like vertebrates from the Lower Devonian Manlius Formation of New York State. <i>Journal of Vertebrate Paleontology</i> , 1984, 4, 501-506.	0.4	6
90	<i>Hardistiella montanensis</i> n. gen. et sp. (Petromyzontida) from the Lower Carboniferous of Montana, with remarks on the affinities of the lampreys. <i>Journal of Vertebrate Paleontology</i> , 1983, 2, 407-413.	0.4	78

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91	Triassic turtle remains from northeastern Thailand. <i>Journal of Vertebrate Paleontology</i> , 1982, 2, 41-46.	0.4	19
92	Title is missing!. <i>Geobios</i> , 1982, 15, 611.	0.7	0
93	Title is missing!. <i>Geobios</i> , 1982, 15, 612.	0.7	0
94	Title is missing!. <i>Geobios</i> , 1982, 15, 431-432.	0.7	0
95	Title is missing!. <i>Geobios</i> , 1982, 15, 433-434.	0.7	1
96	Title is missing!. <i>Geobios</i> , 1982, 15, 437.	0.7	0
97	The phylogeny of the Craniata, with particular reference to the significance of fossil "agnathans". <i>Journal of Vertebrate Paleontology</i> , 1981, 1, 121-159.	0.4	195
98	Bradyodont (Chondrichthyes) teeth from the Permian and Carboniferous of Northern Thailand. <i>Geobios</i> , 1981, 14, 651-653.	0.7	2
99	<i>Cyclotosaurus</i> cf. <i>Posthumus Fraas</i> (Capitosauridae, Stereospondyli) from the Huai Hin Lat Formation (Upper Triassic), Northeastern Thailand. <i>Geobios</i> , 1981, 14, 711-725.	0.7	32
100	Cladism defended (reply). <i>Nature</i> , 1979, 280, 542-542.	13.7	5
101	New Data on the Internal Anatomy of the Heterostraci (Agnatha), with General Remarks on the Phylogeny of the Craniota. <i>Zoologica Scripta</i> , 1979, 8, 287-296.	0.7	40
102	Middle Devonian Thelodonti (Agnatha) from the Khush-Yeilagh Formation, North-East Iran. <i>Geobios</i> , 1979, 12, 889-892.	0.7	12
103	Les yeux des Cyclostomes fossiles et le problème de l'origine des Myxinoïdes. <i>Acta Zoologica</i> , 1975, 56, 1-9.	0.6	17
104	The Sensory Line System and Its Innervation in the Osteostraci (Agnatha, Cephalaspidomorphi). <i>Zoologica Scripta</i> , 1974, 3, 91-99.	0.7	13
105	The Structure of the IMaso-hypophysial Complex and the Mouth in Fossil and Extant Cyclostomes, with Remarks on Amphiaspiforms. <i>Zoologica Scripta</i> , 1974, 3, 193-200.	0.7	20
106	Clues to the identity of the fossil fish <i>Palaeospondylus</i> . <i>Nature</i> , 0, , .	13.7	0