

Jean Vannier

List of Publications by Year in descending order

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24
papers

1,038
citations

516561

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610775

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all docs

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docs citations

26
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	Priapulid worms: Pioneer horizontal burrowers at the Precambrian-Cambrian boundary. <i>Geology</i> , 2010, 38, 711-714.	2.0	128
2	Sophisticated digestive systems in early arthropods. <i>Nature Communications</i> , 2014, 5, 3641.	5.8	97
3	Gut Contents as Direct Indicators for Trophic Relationships in the Cambrian Marine Ecosystem. <i>PLoS ONE</i> , 2012, 7, e52200.	1.1	93
4	The Lower Ordovician Fezouata Konservat-Lagerstätte from Morocco: Age, environment and evolutionary perspectives. <i>Gondwana Research</i> , 2016, 34, 274-283.	3.0	80
5	Reconstructing the diet of a 505-million-year-old arthropod: <i>Sidneyia inexpectans</i> from the Burgess Shale fauna. <i>Arthropod Structure and Development</i> , 2016, 45, 200-220.	0.8	67
6	Digestive system and feeding mode in Cambrian naraoiid arthropods. <i>Lethaia</i> , 2002, 35, 107-120.	0.6	66
7	Recent Priapulidae and their Early Cambrian ancestors: comparisons and evolutionary significance. <i>Geobios</i> , 2004, 37, 217-228.	0.7	64
8	Anatomy and lifestyles of Early Cambrian priapulid worms exemplified by <i>Corynetis</i> and <i>Anningvermis</i> from the Maotianshan Shale (SW China). <i>Lethaia</i> , 2004, 37, 21-33.	0.6	61
9	Exceptional preservation of eye structure in arthropod visual predators from the Middle Jurassic. <i>Nature Communications</i> , 2016, 7, 10320.	5.8	57
10	<i>Waptia fieldensis</i> Walcott, a mandibulate arthropod from the middle Cambrian Burgess Shale. <i>Royal Society Open Science</i> , 2018, 5, 172206.	1.1	51
11	<i>Waptia</i> and the Diversification of Brood Care in Early Arthropods. <i>Current Biology</i> , 2016, 26, 69-74.	1.8	44
12	Locomotion in <i>Nebalia bipes</i> : a possible model for Palaeozoic phyllocarid crustaceans. <i>Lethaia</i> , 1997, 30, 89-104.	0.6	43
13	Oxygen as a Driver of Early Arthropod Micro-Benthos Evolution. <i>PLoS ONE</i> , 2011, 6, e28183.	1.1	29
14	Palaeoscolecid worms from the Lower Ordovician Fezouata Lagerstätte, Morocco: Palaeoecological and palaeogeographical implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 460, 130-141.	1.0	25
15	Collective behaviour in 480-million-year-old trilobite arthropods from Morocco. <i>Scientific Reports</i> , 2019, 9, 14941.	1.6	20
16	Worm-lobopodian assemblages from the Early Cambrian Chengjiang biota: Insight into the pre-arthropodan ecology. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 468, 373-387.	1.0	18
17	Origin of ecdysis: fossil evidence from 535-million-year-old scalidophoran worms. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190791.	1.2	18
18	Anatomy and affinities of a new 535-million-year-old medusozoan from the Kuanchuanpu Formation, South China. <i>Palaeontology</i> , 2017, 60, 853-867.	1.0	17

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19	Evolutionary trade-off in reproduction of Cambrian arthropods. <i>Science Advances</i> , 2020, 6, eaaz3376.	4.7	16
20	X-ray microtomography applied to fossils preserved in compression: Palaeoscolescid worms from the Lower Ordovician Fezouata Shale. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 508, 48-58.	1.0	12
21	Cuticular reticulation replicates the pattern of epidermal cells in lowermost Cambrian scalidophoran worms. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200470.	1.2	9
22	An intermediate type of medusa from the early Cambrian Kuanchuanpu Formation, South China. <i>Palaeontology</i> , 2020, 63, 775-789.	1.0	9
23	Muscle systems and motility of early animals highlighted by cnidarians from the basal Cambrian. <i>ELife</i> , 2022, 11, .	2.8	8
24	Priapulid worms from the Cambrian of China shed light on reproduction in early animals. <i>Geoscience Frontiers</i> , 2021, 12, 101234.	4.3	6