

Marco Vecoli

List of Publications by Year in descending order

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64
papers

1,610
citations

257101

24
h-index

329751

37
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69
all docs

69
docs citations

69
times ranked

1076
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ordovician Biodiversification: revolution in the oceanic trophic chain. <i>Lethaia</i> , 2008, 41, 99-109.	0.6	175
2	Palynology, organic geochemistry and carbon isotope analysis of a latest Ordovician through Silurian clastic succession from borehole Tt1, Ghadamis Basin, southern Tunisia, North Africa: Palaeoenvironmental interpretation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 273, 378-394.	1.0	74
3	Plant evolution and terrestrialization during Palaeozoic timesâ€”The phylogenetic context. <i>Review of Palaeobotany and Palynology</i> , 2016, 227, 4-18.	0.8	60
4	Ordovician chitinozoans and acritarchs from southern and southeastern Turkey. <i>Revue De Micropaleontologie</i> , 2007, 50, 81-107.	0.8	57
5	Palaeoenvironmental interpretation of microphytoplankton diversity trends in the Cambrianâ€”Ordovician of the northern Sahara Platform. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 160, 329-346.	1.0	55
6	A review of the Late Cambrian (Furongian) palaeogeography in the western Mediterranean region, NW Gondwana. <i>Earth-Science Reviews</i> , 2007, 85, 47-81.	4.0	54
7	The 2.1 Ga Old Francevillian Biota: Biogenicity, Taphonomy and Biodiversity. <i>PLoS ONE</i> , 2014, 9, e99438.	1.1	53
8	Palynology and isotope geochronology of the Upper Ordovicianâ€”Silurian successions (Ghelli and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 stratigraphic and palaeogeographic implications. <i>Review of Palaeobotany and Palynology</i> , 2011, 164, 251-271.	0.8	50
9	Phytoplankton dynamics across the Ordovician/Silurian boundary at low palaeolatitudes: Correlations with carbon isotopic and glacial events. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 312, 79-97.	1.0	47
10	The acritarch genus <i>Veryhachium</i> Deunff 1954: Taxonomic evaluation and first appearance. <i>Palynology</i> , 2007, 31, 191-203.	0.7	46
11	Aliphatic and aromatic biomarkers from Carboniferous coal deposits at Dunbar (East Lothian,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T Aliphatic and aromatic biomarkers from Carboniferous coal deposits at Dunbar (East Lothian,) <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 309, 309-326.	1.0	46
12	Chapter 29 Palaeophytogeography of Ordovicianâ€”Silurian land plants. <i>Geological Society Memoir</i> , 2013, 38, 461-476.	0.9	44
13	Cryptospores from the Hanadir Shale Member of the Qasim Formation, Ordovician (Darriwilian) of Saudi Arabia: taxonomy and systematics. <i>Review of Palaeobotany and Palynology</i> , 2015, 212, 97-110.	0.8	42
14	Environmental changes reflected by palynomorphs in the early Middle Ordovician Hanadir Member of the Qasim Formation, Saudi Arabia. <i>Revue De Micropaleontologie</i> , 2007, 50, 3-16.	0.8	40
15	Occurrence of retene in upper Silurianâ€”lower Devonian sediments from North Africa: Origin and implications. <i>Organic Geochemistry</i> , 2010, 41, 302-306.	0.9	40
16	Aliphatic and aromatic biomarkers from Gondwanan sediments of Late Ordovician to Early Devonian age: An early terrestrialization approach. <i>Organic Geochemistry</i> , 2011, 42, 605-617.	0.9	40
17	Cryptospore assemblages from Upper Ordovician (Katianâ€”Hirnantian) strata of Anticosti Island, QuÃ©bec, Canada, and Estonia: Palaeophytogeographic and palaeoclimatic implications. <i>Review of Palaeobotany and Palynology</i> , 2011, 166, 76-93.	0.8	35
18	Quantitative evaluation of microplankton palaeobiogeography in the Ordovicianâ€”Early Silurian of the northern Trans European Suture Zone: implications for the timing of the Avaloniaâ€”Baltica collision. <i>Review of Palaeobotany and Palynology</i> , 2001, 115, 43-68.	0.8	33

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19	Palynostratigraphy and vegetational changes in the Siluro-Devonian of the Chadamis Basin, North Africa. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 282, 1-18.	1.0	31
20	Latest Ordovician–early Silurian chitinozoans from the eastern Alborz Mountain Range, Kopet–Dagh region, northeastern Iran: biostratigraphy and palaeobiogeography. <i>Review of Palaeobotany and Palynology</i> , 2007, 145, 173-192.	0.8	28
21	Palynostratigraphy of Middle Cambrian to lowermost Ordovician stratal sequences in the High Zagros Mountains, southern Iran: Regional stratigraphic implications, and palaeobiogeographic significance. <i>Review of Palaeobotany and Palynology</i> , 2008, 150, 97-114.	0.8	27
22	Application of Palynomorph Darkness Index (PDI) to assess the thermal maturity of palynomorphs: A case study from North Africa. <i>International Journal of Coal Geology</i> , 2018, 188, 64-78.	1.9	26
23	First Appearance Datums (FADs) of selected acritarch taxa and correlation between Lower and Middle Ordovician. <i>Lethaia</i> , 2018, 51, 228-253.	0.6	26
24	Systematic occurrences of malformed (teratological) acritarchs in the run-up of Early Palaeozoic $\delta^{13}C$ isotope excursions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 367-368, 137-146.	1.0	25
25	A punctuated Late Ordovician and early Silurian deglaciation and transgression: Evidence from the subsurface of northern Saudi Arabia. <i>AAPG Bulletin</i> , 2017, 101, 863-886.	0.7	25
26	Fossil microphytoplankton dynamics across the Ordovician–Silurian boundary. <i>Review of Palaeobotany and Palynology</i> , 2008, 148, 91-107.	0.8	24
27	Biostratigraphy and paleoenvironmental characterization of the Middle Ordovician from the Sierras Subandinas (NW Argentina) based on organic-walled microfossils and sequence stratigraphy. <i>Journal of South American Earth Sciences</i> , 2011, 31, 124-138.	0.6	24
28	New sedimentological and biostratigraphic data in the Kwahu Group (Meso- to Neo-Proterozoic), southern margin of the Volta Basin, Ghana: Stratigraphic constraints and implications on regional lithostratigraphic correlations. <i>Precambrian Research</i> , 2011, 189, 155-175.	1.2	22
29	Acritarchs from the Ordovician–Silurian boundary beds of the Valga-10 drill core, southern Estonia (Baltica) and their stratigraphical and palaeobiogeographical implications. <i>Palynology</i> , 2011, 35, 4-45.	0.7	21
30	Organic matter deposition in the Ghadames Basin (Libya) during the Late Devonian–A multidisciplinary approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 497, 37-51.	1.0	21
31	The Ordovician acritarch genus <i>Coryphidium</i> . <i>Revue De Micropaleontologie</i> , 2008, 51, 97-120.	0.8	19
32	32. Acritarchs. , 2004, , 348-360.		17
33	Abnormal forms of acritarchs (phytoplankton) in the upper Hirnantian (Upper Ordovician) of Anticosti Island, Canada. <i>Review of Palaeobotany and Palynology</i> , 2012, 173, 46-56.	0.8	17
34	Wall ultrastructure of the oldest embryophytic spores: Implications for early land plant evolution. <i>Revue De Micropaleontologie</i> , 2017, 60, 281-288.	0.8	17
35	Ordovician spore $\delta^{13}C$ and the evolution of the plant sporophyte. <i>Palynology</i> , 2017, 41, 57-68.	0.7	16
36	Timing of the Avalonia-Baltica plate convergence as inferred from palaeogeographic and stratigraphic data of chitinozoan assemblages in west Pomerania, northern Poland. <i>Geological Society Special Publication</i> , 2002, 201, 95-113.	0.8	15

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37	Late Tremadocian "early Floian acritarchs from graptolitic shales of the Yinzhubu and Ningkuo formations of Yiyang, South China. <i>Review of Palaeobotany and Palynology</i> , 2013, 193, 1-14.	0.8	14
38	Palynology of the Ordovician Kanosh Shale at Fossil Mountain, Utah. <i>Journal of Paleontology</i> , 2015, 89, 424-447.	0.5	14
39	The Ordovician acritarch <i>Dactylofusa velifera</i> Cocchio 1982: a biostratigraphical and palaeogeographical index species. <i>Palynology</i> , 2015, 39, 125-141.	0.7	14
40	Middle Ordovician acritarchs and problematic organic-walled microfossils from the Saq-Hanadir transitional beds in the QSIM-801 well, Saudi Arabia. <i>Revue De Micropaleontologie</i> , 2017, 60, 289-318.	0.8	14
41	Billingen (Lower Arenig/Lower Ordovician) acritarchs from the East European Platform and their palaeobiogeographic significance. <i>Lethaia</i> , 2004, 37, 97-111.	0.6	13
42	Ordovician-Silurian palynostratigraphy (Chitinozoa and acritarchs) of the G14-1/86 borehole, southern Baltic Sea. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2001, 222, 91-122.	0.2	12
43	First biostratigraphic (palynological) dating of Middle and Late Cambrian strata in the subsurface of northwestern Algeria, North Africa: Implications for regional stratigraphy. <i>Review of Palaeobotany and Palynology</i> , 2008, 149, 57-62.	0.8	11
44	Ordovician palynomorphs from the subsurface of R4gen (NE-Germany): review and perspectives. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2001, 222, 123-139.	0.2	11
45	Stratigraphically significant acritarchs in uppermost Cambrian to basal Ordovician strata of Northwestern Algeria. <i>Grana</i> , 1997, 36, 17-28.	0.4	10
46	The effects of terrestrialization on marine ecosystems: the fall of CO ₂ . <i>Geological Society Special Publication</i> , 2010, 339, 37-48.	0.8	9
47	Correlation of Palynomorph Darkness Index and vitrinite reflectance in a submature Carboniferous well section in northern Saudi Arabia. <i>Revue De Micropaleontologie</i> , 2017, 60, 411-416.	0.8	9
48	Late Ordovician (Katian) chitinozoans from northwest Saudi Arabia: Biostratigraphic and paleoenvironmental implications. <i>Revue De Micropaleontologie</i> , 2017, 60, 333-369.	0.8	9
49	Ordovician. , 0, , 203-248.		9
50	Middle Ordovician cryptospores from the Saq-Hanadir transitional beds in the QSIM-801 well, Saudi Arabia. <i>Revue De Micropaleontologie</i> , 2017, 60, 319-331.	0.8	8
51	Palynofacies, paleoenvironment and thermal maturity of early Silurian shales in Saudi Arabia (Qusaiba) Tj ETQq1 1 0,784314 rgBT /Over	0,8	8
52	Low-latitude ?upper Barremian "lower Aptian palynoflora and paleovegetation of the Biyadh Formation (Arabian Plate, eastern margin of northern Gondwana): evidence for a possible cold snap. <i>Cretaceous Research</i> , 2022, 129, 104995.	0.6	7
53	Cambrian Acritarchs from the Col di Foglia (Agordo) southalpine metamorphic basement, Italian Eastern Alps: the oldest biostratigraphic record in the alps. <i>Rendiconti Lincei</i> , 2008, 19, 45-55.	1.0	6
54	The terrestrialization process: A palaeobotanical and palynological perspective. <i>Review of Palaeobotany and Palynology</i> , 2016, 224, 1-3.	0.8	6

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55	Morphology and wall ultrastructure of the megaspore <i>Lagenicula (Triletes) mixta</i> (Winslow 1962) comb. nov. from the Carboniferous (Early Mississippian: mid Tournaisian) of Ohio, USA. <i>Review of Palaeobotany and Palynology</i> , 2009, 156, 51-61.	0.8	5
56	Laser Raman micro-spectroscopy of Proterozoic and Palaeozoic organic-walled microfossils (acritarchs and prasinophytes) from the Ghadamis Basin, Libya and Volta Basin, Ghana. <i>Spectroscopy</i> , 2010, 24, 207-212.	0.8	5
57	The palaeobiogeographical spread of the acritarch <i>Veryhachium</i> in the Early and Middle Ordovician and its impact on biostratigraphical applications. <i>Gff</i> , 2014, 136, 234-237.	0.4	5
58	<i>Rhopaliophora? asymmetrica</i> , a new acritarch species from the lowermost <i>Arenig</i> ™ of Baltica and its biostratigraphic potential. <i>Review of Palaeobotany and Palynology</i> , 2003, 126, 39-48.	0.8	4
59	The terrestrialization process: A palaeobotanical and palynological perspective (2). <i>Review of Palaeobotany and Palynology</i> , 2016, 227, 1-3.	0.8	4
60	Chitinozoan biostratigraphy across the Katian (Late Ordovician) GICE event in the Borenhult-1 drillcore (Sweden). <i>Review of Palaeobotany and Palynology</i> , 2013, 198, 134-144.	0.8	3
61	New palynomorphs from the Ordovician–Silurian boundary interval: Eastern North America and Saudi Arabia. <i>Palynology</i> , 2017, 41, 106-120.	0.7	3
62	Palynological Correlation of the Late Cambrian to Middle Ordovician Saq Formation in Saudi Arabia and Equivalent Strata in Oman Manuscript Title. , 2019, , .		2
63	Angiosperm pollen assemblages from the Lower Cretaceous (Barremian–lower Aptian) of offshore Saudi Arabia and their implications for early patterns of angiosperm radiation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 599, 111052.	1.0	2
64	Palaeozoic applied marine palynology. <i>Review of Palaeobotany and Palynology</i> , 2013, 198, 1.	0.8	0