

Jiri Fryda

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

1,915
citations

279487

23
h-index

301761

39
g-index

104
all docs

104
docs citations

104
times ranked

1392
citing authors

#	ARTICLE	IF	CITATIONS
1	The Devonian nekton revolution. <i>Lethaia</i> , 2010, 43, 465-477.	0.6	147
2	Origin of planktotrophy-evidence from early molluscs. <i>Evolution & Development</i> , 2006, 8, 325-330.	1.1	103
3	Deciphering the petrogenesis of deeply buried granites: whole-rock geochemical constraints on the origin of largely undepleted felsic granulites from the Moldanubian Zone of the Bohemian Massif. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2004, 95, 141-159.	0.3	92
4	Palaeoclimate perturbations before the Sheinwoodian glaciation: A trigger for extinctions during the â€˜Ireviken Eventâ€™. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 296, 320-331.	1.0	83
5	Stratigraphic and oxygen isotope evidence for My-scale glaciation driving eustasy in the Earlyâ€˜Middle Devonian greenhouse world. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 276, 170-181.	1.0	77
6	Persistent global marine euxinia in the early Silurian. <i>Nature Communications</i> , 2020, 11, 1804.	5.8	61
7	Arsenopyrite and As-bearing pyrite from the RoudnÃ½ deposit, Bohemian Massif. <i>Mineralogical Magazine</i> , 2004, 68, 31-46.	0.6	56
8	â€˜13C records across the late Silurian Lau event: New data from middle palaeo-latitudes of northern peri-Gondwana (Prague Basin, Czech Republic). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 245, 227-244.	1.0	56
9	A high-resolution, multiproxy stratigraphic analysis of the Devonianâ€˜Carboniferous boundary sections in the Moravian Karst (Czech Republic) and a correlation with the Carnic Alps (Austria). <i>Geological Magazine</i> , 2014, 151, 201-215.	0.9	56
10	Paleozoic plankton revolution: Evidence from early gastropod ontogeny. <i>Geology</i> , 2003, 31, 829.	2.0	47
11	The middle Rhuddanian (lower Silurian) â€˜hotâ€™ shale of North Africa and Arabia: An atypical hydrocarbon source rock. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 233-256.	1.0	46
12	Sea-level and environmental changes around the Devonianâ€˜Carboniferous boundary in the Namurâ€˜Dinant Basin (S Belgium, NE France): A multi-proxy stratigraphic analysis of carbonate ramp archives and its use in regional and interregional correlations. <i>Sedimentary Geology</i> , 2014, 311, 43-59.	1.0	45
13	LOWER SILURIAN â€œHOT SHALESâ€•IN JORDAN: A NEW DEPOSITIONAL MODEL. <i>Journal of Petroleum Geology</i> , 2009, 32, 261-270.	0.9	40
14	Stratigraphy and facies development of the marine Late Devonian near the Boulongour Reservoir, northwest Xinjiang, China. <i>Journal of Asian Earth Sciences</i> , 2014, 80, 101-118.	1.0	36
15	Calcium isotope constraints on the marine carbon cycle and CaCO ₃ deposition during the late Silurian (Ludfordian) positive â€˜13C excursion. <i>Earth and Planetary Science Letters</i> , 2016, 451, 31-40.	1.8	36
16	Chromium isotope fractionation between modern seawater and biogenic carbonates from the Great Barrier Reef, Australia: Implications for the paleo-seawater â€˜53Cr reconstruction. <i>Earth and Planetary Science Letters</i> , 2018, 498, 140-151.	1.8	36
17	Alkali feldspars as a main phosphorus reservoirs in rareâ€˜metal granites: three examples from the Bohemian Massif (Czech Republic). <i>Terra Nova</i> , 1995, 7, 315-320.	0.9	31
18	Ultrahigh-pressure grossular-rich garnetite from the Moldanubian Zone, Czech Republic. <i>European Journal of Mineralogy</i> , 2003, 15, 43-54.	0.4	31

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19	Petrophysical and geochemical signature of the Hangenberg Events: an integrated stratigraphy of the Devonian-Carboniferous boundary interval in the Northern Rhenish Massif (Avalonia, Germany). <i>Bulletin of Geosciences</i> , 2015, , 667-694.	0.5	30
20	Calcium and strontium isotope systematics in the lagoon-estuarine environments of South Australia: Implications for water source mixing, carbonate fluxes and fish migration. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 239, 90-108.	1.6	29
21	The graptolite, conodont and sedimentary record through the late Ludlow Kozlowskii Event (Silurian) in the shale-dominated succession of Bohemia. <i>Geological Magazine</i> , 2012, 149, 507-531.	0.9	28
22	Carbon isotope stratigraphy of the upper Telychian and lower Sheinwoodian (Llandovery-Wenlock,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	0.9	26
23	Environmental changes close to the Lower-Middle Devonian boundary; the Basal ChoteĀ-Event in the Prague Basin (Czech Republic). <i>Facies</i> , 2013, 59, 425-449.	0.7	24
24	At what stratigraphical level is the mid Ludfordian (Ludlow, Silurian) positive carbon isotope excursion in the type Ludlow area, Shropshire, England?. <i>Bulletin of Geosciences</i> , 2011, , 197-208.	0.5	24
25	Origin of planktotrophy- evidence from early molluscs: a response to Freeman and Lundelius. <i>Evolution & Development</i> , 2007, 9, 313-318.	1.1	23
26	The late Aeronian graptolite<i>sedgwickii</i> Event, associated positive carbon isotope excursion and facies changes in the Prague Synform (Barrandian area, Bohemia). <i>Geological Magazine</i> , 2012, 149, 1089-1106.	0.9	23
27	Mercury spikes at the Devonian-Carboniferous boundary in the eastern part of the Rhenohercynian Zone (central Europe) and in the South China Block. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 531, 109221.	1.0	23
28	NEW EMSIAN (LATE EARLY DEVONIAN) GASTROPODS FROM LIMESTONE MOUNTAIN, MEDFRA B-4 QUADRANGLE, WEST-CENTRAL ALASKA (FAREWELL TERRANE), AND THEIR PALEOBIOGEOGRAPHIC AFFINITIES AND EVOLUTIONARY SIGNIFICANCE. <i>Journal of Paleontology</i> , 2004, 78, 111-132.	0.5	21
29	Failed Silurian continental rifting at the NW margin of Gondwana: evidence from basaltic volcanism of the Prague Basin (TeplĀ;Ā-Barrandian Unit, Bohemian Massif). <i>International Journal of Earth Sciences</i> , 2018, 107, 1231-1266.	0.9	20
30	Larval shells of Late Palaeozoic naticopsid gastropods (Neritopsoidea: Neritimorpha) with a discussion of the early neritimorph evolution. <i>Palaontologische Zeitschrift</i> , 2007, 81, 213-228.	0.8	19
31	The Mid-Ludfordian (late Silurian) Glaciation: A link with global changes in ocean chemistry and ecosystem overturns. <i>Earth-Science Reviews</i> , 2021, 220, 103652.	4.0	18
32	High-resolution tentaculite biostratigraphy and facies development across the Early Devonian Daleje Event in the Barrandian (Bohemia): implications for global Emsian stratigraphy. <i>Bulletin of Geosciences</i> , 2012, , 587-624.	0.5	18
33	Initial plant diversification and dispersal event in upper Silurian of the Prague Basin. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 514, 144-155.	1.0	17
34	The Aeronian/Telychian (Llandovery, Silurian) boundary, with particular reference to sections around the El Pintado reservoir, Seville Province, Spain. <i>Bulletin of Geosciences</i> , 2015, , 743-794.	0.5	17
35	Upper Middle Devonian (Givetian) gastropods from the Kersadiou Formation, Brittany, France. <i>Journal of Paleontology</i> , 1999, 73, 1081-1100.	0.5	16
36	The <scp>P</scp>aleozoic evolution of the gastropod larval shell: larval armor and tight coiling as a result of predationĀ-driven heterochronic character displacement. <i>Evolution & Development</i> , 2012, 14, 212-228.	1.1	16

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37	19. <i>Gastropods</i> , 2004, , 184-195.		15
38	Phylogeny of Palaeozoic Gastropods Inferred from Their Ontogeny. , 2012, , 395-435.		15
39	Osmium and lithium isotope evidence for weathering feedbacks linked to orbitally paced organic carbon burial and Silurian glaciations. <i>Earth and Planetary Science Letters</i> , 2022, 577, 117260.	1.8	15
40	A proposed new global stratotype for Aeronian Stage of the Silurian System: HlÁ;snÁ; TÁ™ebaÁ^ section, Czech Republic. <i>Lethaia</i> , 2018, 51, 357-388.	0.6	14
41	Oldest representatives of the superfamily Cirroidea (Vetigastropoda) with notes on early phylogeny. <i>Journal of Paleontology</i> , 1997, 71, 839-847.	0.5	13
42	Carbon isotope chemostratigraphy of the Llandovery in northern peri-Gondwana: new data from the Barrandian area, Czech Republic; pp. 220â€“226. <i>Estonian Journal of Earth Sciences</i> , 2014, 63, 220.	0.4	13
43	Two new cirroidean genera (Vetigastropoda, Archaeogastropoda) from the Emsian (Late Early) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 265-273.	0.5	12
44	SHELL HETEROSTROPHY IN EARLY ORDOVICIAN MACLURITELLA KIRK, 1927 AND ITS IMPLICATIONS FOR PHYLOGENY AND CLASSIFICATION OF MACLURITOIDEA (GASTROPODA). <i>Journal of Paleontology</i> , 2006, 80, 264-271.	0.5	12
45	Response of organophosphatic brachiopods to the mid-Ludfordian (late Silurian) carbon isotope excursion and associated extinction events in the Prague Basin (Czech Republic). <i>Bulletin of Geosciences</i> , 2018, , 369-400.	0.5	12
46	Seawater strontium isotope curve at the Silurian/Devonian boundary: a study of the global Silurian/Devonian boundary stratotype. <i>Geobios</i> , 2002, 35, 21-28.	0.7	11
47	Chapter 15 Biogeography of Ordovician and Silurian gastropods, monoplacophorans and mimospirids. <i>Geological Society Memoir</i> , 2013, 38, 199-220.	0.9	11
48	Palynology, microfacies and biostratigraphy across the Daleje Event (Lower Devonian, lower to upper) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Palaeoenvironments, 2017, 97, 419-438.	0.6	11
49	Integrated graptolite-conodont biostratigraphy and organic carbon chemostratigraphy of the Llandovery of Kallholn quarry, Dalarna, Sweden. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 508, 1-16.	1.0	11
50	LEMANSKIITE, NaCaCu5(AsO4)4Cl{middle dot}5H2O, A NEW MINERAL SPECIES FROM THE ABUNDANCIA MINE, CHILE. <i>Canadian Mineralogist</i> , 2006, 44, 523-531.	0.3	10
51	Facies development across the Late Silurian Lau Event based on temperate carbonates of the Prague Basin (Czech Republic). <i>Facies</i> , 2013, 59, 611-630.	0.7	10
52	Gorstian palaeoposition and geotectonic setting of Suchomasty Volcanic Centre (Silurian, Prague) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 10	0.4	10
53	Dynamics of Silurian Plants as Response to Climate Changes. <i>Life</i> , 2021, 11, 906.	1.1	10
54	Geochemistry and mineralogy of Platinum-group elements in the Ransko gabbroâ€“peridotite massif, Bohemian Massif (Czech Republic). <i>Mineralium Deposita</i> , 2003, 38, 298-311.	1.7	9

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55	Silurian Gastropoda from southeastern and west-central Alaska. <i>Journal of Paleontology</i> , 2008, 82, 604-611.	0.5	9
56	Carbon and sulfur cycling during the mid-Ludfordian anomaly and the linkage with the late Silurian Lau/Kozlowski Bioevent. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 564, 110152.	1.0	9
57	Marine anoxia as a trigger for the largest Phanerozoic positive carbon isotope excursion: Evidence from carbonate barium isotope record. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117421.	1.8	9
58	Mode of life of a new onychochilid mollusc from the Lower Devonian of Bohemia. <i>Journal of Paleontology</i> , 1992, 66, 200-205.	0.5	8
59	Oldest representative of the family Palaeozygopleuridae (Gastropoda) with notes on its higher taxonomy. <i>Journal of Paleontology</i> , 1993, 67, 822-827.	0.5	8
60	Two Mississippian Caenogastropod limpets from Australia and their meaning for the ancestry of the Caenogastropoda. <i>Journal of Paleontology</i> , 2008, 82, 183-187.	0.5	8
61	Slawsonite-celsian-hyalophane assemblage from a picrite sill (Prague Basin, Czech Republic). <i>American Mineralogist</i> , 2014, 99, 2272-2279.	0.9	8
62	First record of the early Sheinwoodian carbon isotope excursion (ESCIE) from the Barrandian area of northwestern peri-Gondwana. <i>Estonian Journal of Earth Sciences</i> , 2015, 64, 42.	0.4	8
63	The Homeric (late Wenlock, Silurian) carbon isotope excursion from Perunica: Does dolomite control the magnitude of the carbon isotope excursion?. <i>Canadian Journal of Earth Sciences</i> , 2016, 53, 695-701.	0.6	8
64	The mid-Homeric (Silurian) biotic crisis in offshore settings of the Prague Synform, Czech Republic: Integration of the graptolite fossil record with conodonts, shelly fauna and carbon isotope data. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 528, 14-34.	1.0	8
65	Balbinipleura, a new slit bearing archaeogastropod (Vetigastropoda) from the Early Devonian of Bohemia and the Early Carboniferous of Belgium. <i>Neues Jahrbuch für Geologie und Paläontologie</i> , 1996, 1996, 325-344.	0.3	8
66	Armoured test of Early Devonian Mesoconularia (Conulariida) from the Prague Basin (Czech) Tj ETQq0 0 0 rgBT / Overlock 10 Jf 50 302 T	0.5	8
67	A NEWLY HATCHED COILED NAUTILOID FROM THE PERMIAN OF ITALY. <i>Journal of Paleontology</i> , 2007, 81, 1118-1121.	0.5	7
68	Mechanical properties of deep-sea molluscan shell. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 287-289.	0.9	7
69	Evolution of the late Ludlow to early Lochkovian brachiopod, trilobite and bivalve communities of the Prague Basin and their link with the global carbon cycle. <i>Gff</i> , 2014, 136, 179-184.	0.4	7
70	The Devonian-Carboniferous boundary in the Moravian Karst (Czech Republic). <i>Palaeobiodiversity and Palaeoenvironments</i> , 2021, 101, 473-485.	0.6	7
71	Semitubina yukonensis new species, first occurrence of this biogeographically distinctive Old World Realm gastropod genus in the Lower Devonian of the western hemisphere. <i>Journal of Paleontology</i> , 2001, 75, 466-470.	0.5	6
72	NACRE IN LATE CRETACEOUS SENSUITROCHUS FERRERII – IMPLICATIONS FOR THE TAXONOMIC AFFINITIES OF THE CIRRIDAE (GASTROPODA). <i>Journal of Paleontology</i> , 2004, 78, 795-797.	0.5	6

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73	New porcelloidean gastropods from early Devonian of Royal Creek area, Yukon Territory, Canada, with notes on their early phylogeny. <i>Journal of Paleontology</i> , 2008, 82, 595-603.	0.5	6
74	Integrated stratigraphy of the Ludfordian in the Prague Synform. <i>Gff</i> , 2014, 136, 238-242.	0.4	6
75	Sasakiella, a new Early Carboniferous porcelliid genus (Porcelloidea, Gastropoda) with an unusual shell ontogeny. <i>Neues Jahrbuch für Geologie Und Paläontologie</i> , 2004, 2004, 135-150.	0.3	6
76	An unusual new sinuitid mollusc (Bellerophonitoidea, Gastropoda) from the Ordovician of Spain. <i>Journal of Paleontology</i> , 1996, 70, 602-609.	0.5	5
77	SEMITUBINA YUKONENSIS NEW SPECIES, FIRST OCCURRENCE OF THIS BIOGEOGRAPHICALLY DISTINCTIVE OLD WORLD REALM GASTROPOD GENUS IN THE LOWER DEVONIAN OF THE WESTERN HEMISPHERE. <i>Journal of Paleontology</i> , 2001, 75, 466-470.	0.5	5
78	A NEW ORDOVICIAN GASTROPOD AND OPERCULUM FROM THE CZECH REPUBLIC. <i>Journal of Paleontology</i> , 2001, 75, 461-462.	0.5	5
79	Review of palaeozygopleurid gastropods (Palaeozygopleuridae, Gastropoda) from Devonian strata of the Perunica microplate (Bohemia), with a re-evaluation of their stratigraphic distribution, notes on their ontogeny, and descriptions of new taxa. <i>Zootaxa</i> , 2013, 3669, 469.	0.2	5
80	NEW EARLY DEVONIAN GASTROPODS FROM THE FAMILIES CRASSIMARGINATIDAE (NEW FAMILY) AND SCOLIOSTOMATIDAE (NEW FAMILY), ROYAL CREEK AREA, YUKON TERRITORY, CANADA. <i>Journal of Paleontology</i> , 2002, 76, 246-255.	0.5	4
81	New early Devonian gastropods from the families Crassimarginatidae (new family) and Scoliostomatidae (new family), Royal Creek Area, Yukon Territory, Canada. <i>Journal of Paleontology</i> , 2002, 76, 246-255.	0.5	4
82	Systematic position of two Early Devonian sinistral heterostrophic gastropods from the Garra Limestone, New South Wales. <i>Alcheringa</i> , 2005, 29, 229-240.	0.5	4
83	Nanoindentation mapping reveals gradients in the mechanical properties of dental enamel in rat incisors. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 290-291.	0.9	4
84	A new Late Ordovician microdomatid gastropod genus from Seville, south west Spain, with a revision of Ordovician Microdomatoidea. <i>Alcheringa</i> , 2001, 25, 117-127.	0.5	3
85	A new high-resolution $\delta^{13}\text{C}_{\text{carb}}$ isotope curve through the lower Wenlock Series of Buttington Quarry, Wales. <i>Gff</i> , 2014, 136, 172-174.	0.4	3
86	Odontomariinae, a new Middle Paleozoic subfamily of slit-bearing euomphaloidean gastropods (Euomphalomorpha, Gastropoda). <i>Neues Jahrbuch für Geologie Und Paläontologie</i> , 2006, 2006, 225-248.	0.3	3
87	A new Ordovician gastropod and operculum from the Czech Republic. <i>Journal of Paleontology</i> , 2001, 75, 461-462.	0.5	2
88	Jardamarekia enigma, a new Early Devonian tryblidioidean from Royal Creek area (Yukon Territory,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i> 57.	0.2	2
89	Crystallographic texture determines mechanical properties of molluscan nacre. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 292-293.	0.9	2
90	Strontium isotope record of the Hygophum hygomii otoliths from the European middle Miocene. <i>Geobios</i> , 2016, 49, 349-354.	0.7	2

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91	Diversity and palaeoecology of Early Devonian invertebrate associations in the Tafilalt (Anti-Atlas, Tj ETQq1 1 0.784314 rgBT ₂ /Overlock	0.5	2
92	Ferruginous coated grains of microbial origin from the Lower Devonian (Pragian) of the Prague Basin (Czech Republic) – Petrological and geochemical perspective. <i>Sedimentary Geology</i> , 2022, 438, 106194.	1.0	2
93	<i>Murchisonia gourvenneci</i> , new name for <i>Murchisonia oehlerti</i> BLODGETT, FRÁDA and RACHEBOEUF, 1999. <i>Geobios</i> , 2003, 36, 503.	0.7	1
94	<i>Neostusakia</i> , a New Name for Preoccupied <i>Stusakia</i> Kment and Henry, 2008 (Hemiptera: Heteroptera:) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.6	1
95	Hydroxycalcipyrochlore from a regionally metamorphic marble at Bli ^{3/4} n ^{1/4} ; Southwestern Czech Republic. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2017, 194, 49-59.	0.1	1
96	SILLURIAN CARBON ISOTOPE CHEMOSTRATIGRAPHY: NEW DATA FROM MID PALAEO-LATITUDES OF NORTHERN PERI-GONDWANA. , 2017, , .		1
97	The Mid-Ludfordian Glaciation: A Trigger for Global Changes in Ocean Chemistry and Ecosystem Overturns. , 2020, , .		1
98	Llandovery microfossils and microfacies of the H ^{1/2} skov section, Prague Basin. <i>Fossil Imprint</i> , 2019, 75, 25-43.	0.3	1
99	<i>Alaskodiscus</i> , a new name for the Ordovician bellerophontoidean gastropod <i>Alaskadiscus</i> Rohr, Fr ^{1/2} da and Blodgett, 2003. <i>Journal of Paleontology</i> , 2013, 87, 176-176.	0.5	0
100	The oldest members of Porcellioidea (Gastropoda): a new link between Baltica and Perunica. <i>Papers in Palaeontology</i> , 2019, 5, 281-297.	0.7	0
101	Summary of East Gondwanan Conodont Data through the Ireviken Event at Boree Creek. <i>Journal of Earth Science (Wuhan, China)</i> , 2021, 32, 512-523.	1.1	0
102	Trace element variations as a proxy for reconstruction of palaeoenvironmental changes during the Late Aeronian faunal and carbon isotope perturbations: new data from the peri-Gondwanan region. <i>Geological Quarterly</i> , 0, , .	0.1	0