Jiri Fryda

List of Publications by Year
in descending order

103	1,915	279701	302012
papers	citations	23 h-index	39 g-index

104	104	104	1392
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Osmium and lithium isotope evidence for weathering feedbacks linked to orbitally paced organic carbon burial and Silurian glaciations. Earth and Planetary Science Letters, 2022, 577, 117260.	1.8	15
2	Marine anoxia as a trigger for the largest Phanerozoic positive carbon isotope excursion: Evidence from carbonate barium isotope record. Earth and Planetary Science Letters, 2022, 584, 117421.	1.8	9
3	Ferruginous coated grains of microbial origin from the Lower Devonian (Pragian) of the Prague Basin (Czech Republic) â€“ Petrological and geochemical perspective. Sedimentary Geology, 2022, 438, 106194.	1.0	2
4	The Devonian-Carboniferous boundary in the Moravian Karst (Czech Republic). Palaeobiodiversity and Palaeoenvironments, 2021, 101, 473-485.	0.6	7
5	Carbon and sulfur cycling during the mid-Ludfordian anomaly and the linkage with the late Silurian Lau/Kozlowskii Bioevent. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 564, 110152.	1.0	9
6	Summary of East Gondwanan Conodont Data through the Ireviken Event at Boree Creek. Journal of Earth Science (Wuhan, China), 2021, 32, 512-523.	1.1	0
7	Dynamics of Silurian Plants as Response to Climate Changes. Life, 2021, 11, 906.	1.1	10
8	The Mid-Ludfordian (late Silurian) Glaciation: A link with global changes in ocean chemistry and ecosystem overturns. Earth-Science Reviews, 2021, 220, 103652.	4.0	18
9	Persistent global marine euxinia in the early Silurian. Nature Communications, 2020, 11, 1804.	5.8	61
10	The Mid-Ludfordian Glaciation: A Trigger for Global Changes in Ocean Chemistry and Ecosystem Overturns. , 2020, , .		1
11	Mercury spikes at the Devonian-Carboniferous boundary in the eastern part of the Rhenohercynian Zone (central Europe) and in the South China Block. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 531, 109221.	1.0	23
12	The mid-Homerian (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. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 528, 14-34.	1.0	8
13	The oldest members of Porcellioidea (Gastropoda): a new link between Baltica and Perunica. Papers in Palaeontology, 2019, 5, 281-297.	0.7	0
14	Initial plant diversification and dispersal event in upper Silurian of the Prague Basin. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 514, 144-155.	1.0	17
15	Llandovery microfossils and microfacies of the HÃ½skov section, Prague Basin. Fossil Imprint, 2019, 75, 25-43.	0.3	1
16	A proposed new global stratotype for Aeronian Stage of the Silurian System: HlÃ¡snÃ¡ TÅ™ebaÅˆ section, Czech Republic. Lethaia, 2018, 51, 357-388.	0.6	14
17	Failed Silurian continental rifting at the NW margin of Gondwana: evidence from basaltic volcanism of the Prague Basin (TeplÃ¡â€“Barrandian Unit, Bohemian Massif). International Journal of Earth Sciences, 2018, 107, 1231-1266.	0.9	20
18	Calcium and strontium isotope systematics in the lagoon-estuarine environments of South Australia: Implications for water source mixing, carbonate fluxes and fish migration. Geochimica Et Cosmochimica Acta, 2018, 239, 90-108.	1.6	29

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19	Chromium isotope fractionation between modern seawater and biogenic carbonates from the Great Barrier Reef, Australia: Implications for the paleo-seawater Î´53Cr reconstruction. Earth and Planetary Science Letters, 2018, 498, 140-151.	1.8	36
20	Integrated graptolite-conodont biostratigraphy and organic carbon chemostratigraphy of the Llandovery of Kallholn quarry, Dalarna, Sweden. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 508, 1-16.	1.0	11
21	Response of organophosphatic brachiopods to the mid-Ludfordian (late Silurian) carbon isotope excursion and associated extinction events in the Prague Basin (Czech Republic). Bulletin of Geosciences, 2018, , 369-400.	0.5	12
22	Hydroxycalciopyrochlore from a regionally metamorphic marble at BliÅ¾nÃ¡, Southwestern Czech Republic. Neues Jahrbuch Fur Mineralogie, Abhandlungen, 2017, 194, 49-59.	0.1	1
23	Palynology, microfacies and biostratigraphy across the Daleje Event (Lower Devonian, lower to upper) Tj ETQq1 1 0.784314 rgBT /Ove and Palaeoenvironments, 2017, 97, 419-438.	0.6	11
24	SILURIAN CARBON ISOTOPE CHEMOSTRATIGRAPHY: NEW DATA FROM MID PALAEO-LATITUDES OF NORTHERN PERI-GONDWANA. , 2017, , .		1
25	The Homerian (late Wenlock, Silurian) carbon isotope excursion from Perunica: Does dolomite control the magnitude of the carbon isotope excursion?. Canadian Journal of Earth Sciences, 2016, 53, 695-701.	0.6	8
26	Strontium isotope record of the Hygophum hygomii otoliths from the European middle Miocene. Geobios, 2016, 49, 349-354.	0.7	2
27	Calcium isotope constraints on the marine carbon cycle and CaCO 3 deposition during the late Silurian (Ludfordian) positive Î´ 13 C excursion. Earth and Planetary Science Letters, 2016, 451, 31-40.	1.8	36
28	Armoured test of Early Devonian Mesoconularia (Conulariida) from the Prague Basin (Czech) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	0.5	8
29	First record of the early Sheinwoodian carbon isotope excursion (ESCIE) from the Barrandian area of northwestern peri-Gondwana. Estonian Journal of Earth Sciences, 2015, 64, 42.	0.4	8
30	Petrophysical and geochemical signature of the Hangenberg Events: an integrated stratigraphy of the Devonian-Carboniferous boundary interval in the Northern Rhenish Massif (Avalonia, Germany). Bulletin of Geosciences, 2015, , 667-694.	0.5	30
31	The Aeronian/Telychian (Llandovery, Silurian) boundary, with particular reference to sections around the El Pintado reservoir, Seville Province, Spain. Bulletin of Geosciences, 2015, , 743-794.	0.5	17
32	A new high-resolution Î´13Ccarb isotope curve through the lower Wenlock Series of Buttington Quarry, Wales. Gff, 2014, 136, 172-174.	0.4	3
33	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. Gff, 2014, 136, 179-184.	0.4	7
34	Slawsonite-celsian-hyalophane assemblage from a picrite sill (Prague Basin, Czech Republic). American Mineralogist, 2014, 99, 2272-2279.	0.9	8
35	Integrated stratigraphy of the Ludfordian in the Prague Synform. Gff, 2014, 136, 238-242.	0.4	6
36	Carbon isotope chemostratigraphy of the Llandovery in northern peri-Gondwana: new data from the Barrandian area, Czech Republic; pp. 220â€“226. Estonian Journal of Earth Sciences, 2014, 63, 220.	0.4	13

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37	Stratigraphy and facies development of the marine Late Devonian near the Boulongour Reservoir, northwest Xinjiang, China. Journal of Asian Earth Sciences, 2014, 80, 101-118.	1.0	36
38	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. Sedimentary Geology, 2014, 311, 43-59.	1.0	45
39	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). Geological Magazine, 2014, 151, 201-215.	0.9	56
40	Gorstian palaeoposition and geotectonic setting of Suchomasty Volcanic Centre (Silurian, Prague) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	10
41	Facies development across the Late Silurian Lau Event based on temperate carbonates of the Prague Basin (Czech Republic). Facies, 2013, 59, 611-630.	0.7	10
42	Chapter 15 Biogeography of Ordovician and Silurian gastropods, monoplacophorans and mimospirids. Geological Society Memoir, 2013, 38, 199-220.	0.9	11
43	Environmental changes close to the Lowerâ€“Middle Devonian boundary; the Basal ChoteÄ•Event in the Prague Basin (Czech Republic). Facies, 2013, 59, 425-449.	0.7	24
44	Mechanical properties of deep-sea molluscan shell. Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16, 287-289.	0.9	7
45	The middle Rhuddanian (lower Silurian) â€˜hotâ€™ shale of North Africa and Arabia: An atypical hydrocarbon source rock. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 386, 233-256.	1.0	46
46	Nanoindentation mapping reveals gradients in the mechanical properties of dental enamel in rat incisors. Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16, 290-291.	0.9	4
47	Alaskodiscus, a new name for the Ordovician bellerophontoidean gastropod Alaskadiscus Rohr, FrÃ½da and Blodgett, 2003. Journal of Paleontology, 2013, 87, 176-176.	0.5	0
48	Crystallographic texture determines mechanical properties of molluscan nacre. Computer Methods in Biomechanics and Biomedical Engineering, 2013, 16, 292-293.	0.9	2
49	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. Zootaxa, 2013, 3669, 469.	0.2	5
50	The graptolite, conodont and sedimentary record through the late Ludlow Kozlowskii Event (Silurian) in the shale-dominated succession of Bohemia. Geological Magazine, 2012, 149, 507-531.	0.9	28
51	The late Aeronian graptolitesedgwickiiEvent, associated positive carbon isotope excursion and facies changes in the Prague Synform (Barrandian area, Bohemia). Geological Magazine, 2012, 149, 1089-1106.	0.9	23
52	Phylogeny of Palaeozoic Gastropods Inferred from Their Ontogeny. , 2012, , 395-435.		15
53	The <scp>P</scp>aleozoic evolution of the gastropod larval shell: larval armor and tight coiling as a result of predationâ€driven heterochronic character displacement. Evolution & Development, 2012, 14, 212-228.	1.1	16
54	High-resolution tentaculite biostratigraphy and facies development across the Early Devonian Daleje Event in the Barrandian (Bohemia): implications for global Emsian stratigraphy. Bulletin of Geosciences, 2012, , 587-624.	0.5	18

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55	Jardamarekia enigma, a new Early Devonian tryblidioidean from Royal Creek area (Yukon Territory,) Tj ETQq1 1 0.784314 rgBT /Overlo 57.	0.2	2
56	At what stratigraphical level is the mid Ludfordian (Ludlow, Silurian) positive carbon isotope excursion in the type Ludlow area, Shropshire, England?. Bulletin of Geosciences, 2011, , 197-208.	0.5	24
57	The Devonian nekton revolution. Lethaia, 2010, 43, 465-477.	0.6	147
58	Palaeoclimate perturbations before the Sheinwoodian glaciation: A trigger for extinctions during the â€˜Ireviken Eventâ€™. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 296, 320-331.	1.0	83
59	LOWER SILURIAN â€œHOT SHALESâ€•IN JORDAN: A NEW DEPOSITIONAL MODEL. Journal of Petroleum Geology, 2009, 32, 261-270.	0.9	40
60	Stratigraphic and oxygen isotope evidence for My-scale glaciation driving eustasy in the Earlyâ€“Middle Devonian greenhouse world. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 276, 170-181.	1.0	77
61	Neostusakia, a New Name for Preoccupied Stusakia Kment and Henry, 2008 (Hemiptera: Heteroptera:) Tj ETQq1 1 0.784314 rgBT /Ov	0.0	1
62	Two Mississippian Caenogastropod limpets from Australia and their meaning for the ancestry of the Caenogastropoda. Journal of Paleontology, 2008, 82, 183-187.	0.5	8
63	Silurian Gastropoda from southeastern and west-central Alaska. Journal of Paleontology, 2008, 82, 604-611.	0.5	9
64	New porcellioidean gastropods from early Devonian of Royal Creek area, Yukon Territory, Canada, with notes on their early phylogeny. Journal of Paleontology, 2008, 82, 595-603.	0.5	6
65	Carbon isotope stratigraphy of the upper Telychian and lower Sheinwoodian (Llandoveryâ€“Wenlock,) Tj ETQq1 1 0.784314 rgBT /Ov	0.9	26
66	Î´13C records across the late Silurian Lau event: New data from middle palaeo-latitudes of northern peri-Gondwana (Prague Basin, Czech Republic). Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 245, 227-244.	1.0	56
67	A NEWLY HATCHED COILED NAUTILOID FROM THE PERMIAN OF ITALY. Journal of Paleontology, 2007, 81, 1118-1121.	0.5	7
68	Origin of planktotrophyâ€”evidence from early molluscs: a response to Freeman and Lundelius. Evolution & Development, 2007, 9, 313-318.	1.1	23
69	Larval shells of Late Palaeozoic naticopsid gastropods (Neritopsoidea: Neritimorpha) with a discussion of the early neritimorph evolution. Palaontologische Zeitschrift, 2007, 81, 213-228.	0.8	19
70	LEMANSKIITE, NaCaCu5(AsO4)4Cl{middle dot}5H2O, A NEW MINERAL SPECIES FROM THE ABUNDANCIA MINE, CHILE. Canadian Mineralogist, 2006, 44, 523-531.	0.3	10
71	Origin of planktotrophy-evidence from early molluscs. Evolution & Development, 2006, 8, 325-330.	1.1	103
72	SHELL HETEROSTROPHY IN EARLY ORDOVICIAN MACLURITELLA KIRK, 1927 AND ITS IMPLICATIONS FOR PHYLOGENY AND CLASSIFICATION OF MACLURITOIDEA (GASTROPODA). Journal of Paleontology, 2006, 80, 264-271.	0.5	12

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73	Odontomariinae, a new Middle Paleozoic subfamily of slit-bearing euomphaloidean gastropods (Euomphalomorpha, Gastropoda). Neues Jahrbuch FÃ¼r Geologie Und PalÃontologie, 2006, 2006, 225-248.	0.3	3
74	Systematic position of two Early Devonian sinistral heterostrophic gastropods from the Garra Limestone, New South Wales. Alcheringa, 2005, 29, 229-240.	0.5	4
75	19. Gastropods. , 2004, , 184-195.		15
76	Arsenopyrite and As-bearing pyrite from the RoudnÃ½ deposit, Bohemian Massif. Mineralogical Magazine, 2004, 68, 31-46.	0.6	56
77	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. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2004, 95, 141-159.	0.3	92
78	NACRE IN LATE CRETACEOUS SENSUITROCHUS FERRERIâ€"IMPLICATIONS FOR THE TAXONOMIC AFFINITIES OF THE CIRRIDAE (GASTROPODA). Journal of Paleontology, 2004, 78, 795-797.	0.5	6
79	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. Journal of Paleontology, 2004, 78, 111-132.	0.5	21
80	Sasakiela, a new Early Carboniferous porcelliid genus (Porcellioidea, Gastropoda) with an unusual shell ontogeny. Neues Jahrbuch FÃ¼r Geologie Und PalÃontologie, 2004, 2004, 135-150.	0.3	6
81	Geochemistry and mineralogy of Platinum-group elements in the Ransko gabbroâ€"peridotite massif, Bohemian Massif (Czech Republic). Mineralium Deposita, 2003, 38, 298-311.	1.7	9
82	Murchisonia gourvenneci, new name for Muchisonia oehlerti BLODGETT, FRÃĐA and RACHEBOEUF, 1999. Geobios, 2003, 36, 503.	0.7	1
83	Paleozoic plankton revolution: Evidence from early gastropod ontogeny. Geology, 2003, 31, 829.	2.0	47
84	Ultrahigh-pressure grossular-rich garnetite from the Moldanubian Zone, Czech Republic. European Journal of Mineralogy, 2003, 15, 43-54.	0.4	31
85	NEW EARLY DEVONIAN GASTROPODS FROM THE FAMILIES CRASSIMARGINATIDAE (NEW FAMILY) AND SCOLIOSTOMATIDAE (NEW FAMILY), ROYAL CREEK AREA, YUKON TERRITORY, CANADA. Journal of Paleontology, 2002, 76, 246-255.	0.5	4
86	New early Devonian gastropods from the families Crassimarginatidae (new family) and Scoliostomatidae (new family), Royal Creek Area, Yukon Territory, Canada. Journal of Paleontology, 2002, 76, 246-255.	0.5	4
87	Seawater strontium isotope curve at the Silurian/Devonian boundary: a study of the global Silurian/Devonian boundary stratotype. Geobios, 2002, 35, 21-28.	0.7	11
88	Semitubina yukonensis new species, first occurrence of this biogeographically distinctive Old World Realm gastropod genus in the Lower Devonian of the western hemisphere. Journal of Paleontology, 2001, 75, 466-470.	0.5	6
89	A new Ordovician gastropod and operculum from the Czech Republic. Journal of Paleontology, 2001, 75, 461-462.	0.5	2
90	A new Late Ordovician microdomatid gastropod genus from Seville, south west Spain, with a revision of Ordovician Microdomatoidea. Alcheringa, 2001, 25, 117-127.	0.5	3

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91	SEMITUBINA YUKONENSISNEW SPECIES, FIRST OCCURRENCE OF THIS BIOGEOGRAPHICALLY DISTINCTIVE OLD WORLD REALM GASTROPOD GENUS IN THE LOWER DEVONIAN OF THE WESTERN HEMISPHERE. Journal of Paleontology, 2001, 75, 466-470.	0.5	5
92	A NEW ORDOVICIAN GASTROPOD AND OPERCULUM FROM THE CZECH REPUBLIC. Journal of Paleontology, 2001, 75, 461-462.	0.5	5
93	Upper Middle Devonian (Givetian) gastropods from the Kersadiou Formation, Brittany, France. Journal of Paleontology, 1999, 73, 1081-1100.	0.5	16
94	Two new cirroidean genera (Vetigastropoda, Archaeogastropoda) from the Emsian (Late Early) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 265-273.	0.5	12
95	Oldest representatives of the superfamily Cirroidea (Vetigastropoda) with notes on early phylogeny. Journal of Paleontology, 1997, 71, 839-847.	0.5	13
96	Mineralogical Evidence for Two Magmatic Stages in the Evolution of an Extremely Fractionated P-rich Rare-metal Granite: the Podlesí Stock, Krusné Hory, Czech Republic. Journal of Petrology, 1997, 38, 1723-1739.	1.1	6
97	An unusual new sinuitid mollusc (Bellerophontoidea, Gastropoda) from the Ordovician of Spain. Journal of Paleontology, 1996, 70, 602-609.	0.5	5
98	Balbinipleura, a new slit bearing archaeogastropod (Vetigastropoda) from the Early Devonian of Bohemia and the Early Carboniferous of Belgium. Neues Jahrbuch FÃ¼r Geologie Und PalÃontologie, 1996, 1996, 325-344.	0.3	8
99	Alkali feldspars as a main phosphorus reservoirs in rareâ€metal granites: three examples from the Bohemian Massif (Czech Republic). Terra Nova, 1995, 7, 315-320.	0.9	31
100	Oldest representative of the family Palaeozygopleuridae (Gastropoda) with notes on its higher taxonomy. Journal of Paleontology, 1993, 67, 822-827.	0.5	8
101	Mode of life of a new onychochilid mollusc from the Lower Devonian of Bohemia. Journal of Paleontology, 1992, 66, 200-205.	0.5	8
102	Diversity and palaeoecology of Early Devonian invertebrate associations in the Tafilalt (Anti-Atlas,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	2
103	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. Geological Quarterly, 0, , .	0.1	0