

Sylvain Richoz

List of Publications by Year in descending order

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71
papers

3,525
citations

147801

31
h-index

138484

58
g-index

77
all docs

77
docs citations

77
times ranked

1938
citing authors

#	ARTICLE	IF	CITATIONS
1	Volcanic temperature changes modulated volatile release and climate fluctuations at the end-Triassic mass extinction. <i>Earth and Planetary Science Letters</i> , 2022, 579, 117364.	4.4	17
2	Smithian and Spathian (Early Triassic) conodonts from Oman and Croatia and their depth habitat revealed. <i>Global and Planetary Change</i> , 2021, 196, 103362.	3.5	14
3	Integrated bio-chemostratigraphy of Lower and Middle Triassic marine successions at Spiti in the Indian Himalaya: Implications for the Early Triassic nutrient crisis. <i>Global and Planetary Change</i> , 2021, 196, 103363.	3.5	24
4	Sponge Takeover from End-Permian Mass Extinction to Early Induan Time: Records in Central Iran Microbial Buildups. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	14
5	The Sedimentary Geochemistry and Paleoenvironments Project. <i>Geobiology</i> , 2021, 19, 545-556.	2.4	26
6	Palaeo-environmental evolution of Central Asia during the Cenozoic: new insights from the continental sedimentary archive of the Valley of Lakes (Mongolia). <i>Climate of the Past</i> , 2021, 17, 1955-1972.	3.4	8
7	Early Cambrian brachiopod-dominated shell concentrations from North-East Greenland: Environmental and taphonomic implications. <i>Global and Planetary Change</i> , 2021, 204, 103560.	3.5	3
8	Suppressed competitive exclusion enabled the proliferation of Permian/Triassic boundary microbialites. <i>Depositional Record</i> , 2020, 6, 62-74.	1.7	38
9	New constraints on the evolution of $87\text{Sr}/86\text{Sr}$ of seawater during the Upper Triassic. <i>Global and Planetary Change</i> , 2020, 192, 103255.	3.5	17
10	"Short" or "long" Rhaetian ? Astronomical calibration of Austrian key sections. <i>Global and Planetary Change</i> , 2020, 192, 103253.	3.5	25
11	Development of early calcareous nannoplankton in the late Triassic (Northern Calcareous Alps.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> 10	3.5	18
12	The Schandelah Scientific Drilling Project: A 25-million year record of Early Jurassic palaeo-environmental change from northern Germany. <i>Newsletters on Stratigraphy</i> , 2019, 52, 249-296.	1.2	35
13	Quantitative stratigraphic correlation of Tethyan conodonts across the Smithian-Spathian (Early) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i> 10	9.1	32
14	Perturbations in the carbon cycle during the Carnian Humid Episode: carbonate carbon isotope records from southwestern China and northern Oman. <i>Journal of the Geological Society</i> , 2019, 176, 167-177.	2.1	30
15	Anachronistic facies and carbon isotopes during the end-Permian biocrisis: Evidence from the mid-Tethys (Kisejin, Iran). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 516, 364-383.	2.3	12
16	Middle Triassic conodont assemblages from the Germanic Basin: implications for multi-element taxonomy and biogeography. <i>Journal of Systematic Palaeontology</i> , 2019, 17, 359-377.	1.5	8
17	Orbital cyclicity in sedimentary sequence and climatic indications of C-O isotopes from Lower Cretaceous in Qingxi Sag, Jiuquan Basin, NW China. <i>Geoscience Frontiers</i> , 2019, 10, 467-479.	8.4	14
18	Multiple sulfur-isotopic evidence for a shallowly stratified ocean following the Triassic-Jurassic boundary mass extinction. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 231, 73-87.	3.9	25

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19	Multiple episodes of extensive marine anoxia linked to global warming and continental weathering following the latest Permian mass extinction. <i>Science Advances</i> , 2018, 4, e1602921.	10.3	145
20	Evidence for archaeal methanogenesis within veins at the onshore serpentinite-hosted Chimaera seeps, Turkey. <i>Chemical Geology</i> , 2018, 483, 567-580.	3.3	27
21	Sponge-microbial build-ups from the lowermost Triassic Chanakhchi section in southern Armenia: Microfacies and stable carbon isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 490, 653-672.	2.3	55
22	Global perturbation of the marine calcium cycle during the Permian-Triassic transition. <i>Bulletin of the Geological Society of America</i> , 2018, 130, 1323-1338.	3.3	33
23	Western Tethyan Epeiric Ramp Setting in the Early Triassic: An Example from the Central Dinarides (Croatia). <i>Journal of Earth Science (Wuhan, China)</i> , 2018, 29, 806-823.	3.2	14
24	The Origin of Carbonate Veins Within the Sedimentary Cover and Igneous Rocks of the Cocos Ridge: Results From IODP Hole U1414A. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3721-3738.	2.5	8
25	The formation of microbial-metazoan bioherms and biostromes following the latest Permian mass extinction. <i>Gondwana Research</i> , 2018, 61, 187-202.	6.0	44
26	Geochemistry and mineralogy of the Oligo-Miocene sediments of the Valley of Lakes, Mongolia. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2017, 97, 233-258.	1.5	31
27	Conodont biostratigraphy of the Early Triassic in eastern Slovenia. <i>Paleontological Journal</i> , 2017, 51, 687-703.	0.5	10
28	A review of the evolution, biostratigraphy, provincialism and diversity of Middle and early Late Triassic conodonts. <i>Papers in Palaeontology</i> , 2016, 2, 235-263.	1.5	58
29	Dynamic anoxic ferruginous conditions during the end-Permian mass extinction and recovery. <i>Nature Communications</i> , 2016, 7, 12236.	12.8	93
30	Stepwise onset of the Icehouse world and its impact on Oligo-Miocene Central Asian mammals. <i>Scientific Reports</i> , 2016, 6, 36169.	3.3	24
31	Reply to comments on: A review of the evolution, biostratigraphy, provincialism and diversity of Middle and early Late Triassic conodonts. <i>Papers in Palaeontology</i> , 2016, 2, 457-461.	1.5	1
32	Revised middle Triassic stratigraphy of the Swiss Prealps based on conodonts and correlation to the Briançonnais (Western Alps). <i>Swiss Journal of Geosciences</i> , 2016, 109, 365-377.	1.2	4
33	Allometry in Anisian (Middle Triassic) segminiplanate conodonts and its implications for conodont taxonomy. <i>Palaeontology</i> , 2016, 59, 725-741.	2.2	18
34	Early Triassic conodonts and carbonate carbon isotope record of the Idrija-Åžiri area, Slovenia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 444, 84-100.	2.3	35
35	Distribution of iridium and associated geochemistry across the Triassic-Jurassic boundary in sections at Kuhjoch and Kendlbach, Northern Calcareous Alps, Austria. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 13-26.	2.3	17
36	New data on the structure and age of the terminal Permian strata in the South Verkhoyansk region (northeastern Asia). <i>Russian Geology and Geophysics</i> , 2016, 57, 282-293.	0.7	9

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37	Early Triassic conodonts of Jiarong, Nanpanjiang Basin, southern Guizhou Province, South China. <i>Journal of Asian Earth Sciences</i> , 2015, 105, 104-121.	2.3	63
38	Environmental controls on marine ecosystem recovery following mass extinctions, with an example from the Early Triassic. <i>Earth-Science Reviews</i> , 2015, 149, 108-135.	9.1	69
39	Importance of carbon isotopic data of the Permian-Triassic boundary layers in the Verkhojansk region for the global correlation of the basal Triassic layer. <i>Doklady Earth Sciences</i> , 2015, 460, 1-5.	0.7	11
40	Ocean acidification and the Permo-Triassic mass extinction. <i>Science</i> , 2015, 348, 229-232.	12.6	284
41	Biogeochemical formation of calyx-shaped carbonate crystal fans in the subsurface of the Early Triassic seafloor. <i>Gondwana Research</i> , 2015, 27, 840-861.	6.0	42
42	New hybodontiform and neoselachian sharks from the Lower Triassic of Oman. <i>Journal of Systematic Palaeontology</i> , 2015, 13, 891-917.	1.5	15
43	Vertical $\delta^{13}C_{org}$ gradients record changes in planktonic microbial community composition during the end-Permian mass extinction. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 396, 119-131.	2.3	52
44	Size Variation of Conodonts During the Smithian–Spathian (Early Triassic) Global Warming Event. <i>Springer Geology</i> , 2014, , 25-27.	0.3	0
45	A new high-resolution $\delta^{13}C$ record for the Early Triassic: Insights from the Arabian Platform. <i>Gondwana Research</i> , 2013, 24, 233-242.	6.0	69
46	Microbes, mud and methane: cause and consequence of recurrent Early Triassic anoxia following the end-Triassic mass extinction. <i>Palaeontology</i> , 2013, 56, 685-709.	2.2	94
47	Size variation of conodonts during the Smithian–Spathian (Early Triassic) global warming event. <i>Geology</i> , 2013, 41, 823-826.	4.4	58
48	The Global Stratotype Sections and Point (GSSP) for the base of the Jurassic System at Kuhjoch (Karwendel Mountains, Northern Calcareous Alps, Tyrol, Austria). <i>Episodes</i> , 2013, 36, 162-198.	1.2	115
49	Permian–Triassic Transition and the Saiq/Mahil Boundary in the Oman Mountains: Proposed correction for lithostratigraphic nomenclature. <i>Georabia</i> , 2013, 18, 87-98.	1.6	14
50	No causal link between terrestrial ecosystem change and methane release during the end-Triassic mass extinction. <i>Geology</i> , 2012, 40, 531-534.	4.4	70
51	Where and when the earliest coccolithophores?. <i>Lethaia</i> , 2012, 45, 507-523.	1.4	43
52	The Budayah Formation, Sultanate of Oman: A Middle Permian to Early Triassic oceanic record of the Neotethys and the late Induan microsphere bloom. <i>Journal of Asian Earth Sciences</i> , 2012, 43, 130-144.	2.3	39
53	The dispersal of <i>Halimeda</i> in northern hemisphere mid-latitudes: Palaeobiogeographical insights. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2012, 14, 303-309.	2.7	10
54	Hydrogen sulphide poisoning of shallow seas following the end-Triassic extinction. <i>Nature Geoscience</i> , 2012, 5, 662-667.	12.9	97

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55	Upper Permian to Lower Triassic Carbon Isotope Record in the Oman and Zagros Mountains: An Overview from the Shallow Platform to the Basin. , 2011, , .		0
56	Earliest Triassic microbialites in $\hat{A}\hat{A}1/4r\hat{A}1/4k$ Dag, southern Turkey: composition, sequences and controls on formation. <i>Sedimentology</i> , 2011, 58, 739-755.	3.1	61
57	Permianâ€“Triassic boundary interval in the Middle East (Iran and N. Oman): Progressive environmental change from detailed carbonate carbon isotope marine curve and sedimentary evolution. <i>Journal of Asian Earth Sciences</i> , 2010, 39, 236-253.	2.3	102
58	High-resolution carbon isotope changes, litho- and magnetostratigraphy across Permian-Triassic Boundary sections in the Dolomites, N-Italy. New constraints for global correlation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 290, 58-64.	2.3	26
59	Lower Triassic sulphur isotope curve of marine sulphates from the Dolomites, N-Italy. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 290, 65-70.	2.3	32
60	Floral changes across the Triassic/Jurassic boundary linked to flood basalt volcanism. <i>Nature Geoscience</i> , 2009, 2, 589-594.	12.9	227
61	Lower Triassic $\hat{I}^{13}C$ isotope curve from shallow-marine carbonates in Japan, Panthalassa realm: Confirmation of the Tethys $\hat{I}^{13}C$ curve. <i>Journal of Asian Earth Sciences</i> , 2009, 36, 481-490.	2.3	47
62	Evidence for recurrent changes in Lower Triassic oceanic circulation of the Tethys: The $\hat{I}^{13}C$ record from marine sections in Iran. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 252, 355-369.	2.3	111
63	The lower Triassic anachronistic carbonate facies in space and time. <i>Global and Planetary Change</i> , 2007, 55, 81-89.	3.5	198
64	Calcmicrobial cap rocks from the basal Triassic units: western Taurus occurrences (SW Turkey). <i>Comptes Rendus - Palevol</i> , 2005, 4, 569-582.	0.2	107
65	Summary of Early Triassic carbon isotope records. <i>Comptes Rendus - Palevol</i> , 2005, 4, 473-486.	0.2	75
66	Reply to â€œComment on Eoalpine (Cretaceous) evolution of the Oman Tethyan continental margin: insights from a structural field study in Jabal Akhdar (Oman Mountains) by J.P. Breton et al.â€• (GeoArabia, 2004, v. 9, no. 2, p. 41-58) by D.R. Gray and R.T. Gregory (GeoArabia, 2004, v. 9, no. 4, p. 143-147). <i>GeoArabia</i> , 2005, 10, 203-207.	1.6	3
67	Rapid marine recovery after the end-Permian mass-extinction event in the absence of marine anoxia. <i>Geology</i> , 2004, 32, 805.	4.4	205
68	A new ostracode fauna from the Permian-Triassic boundary in Turkey (Taurus, Antalya Nappes). <i>Micropaleontology</i> , 2004, 50, 281-295.	1.0	36
69	A new ostracode fauna from the Permian-Triassic boundary in Turkey (Taurus, Antalya Nappes). <i>Micropaleontology</i> , 2004, 50, 281.	1.0	10
70	A unique Permianâ€“Triassic boundary section from the Neotethyan Hawasina Basin, Central Oman Mountains. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 191, 329-344.	2.3	127
71	Les $\hat{A}\hat{O}v\hat{A}\hat{O}$ nements de la limite Permienâ€“Trias : derniers survivants et/ou premiers re-colonisateurs parmi les ostracodes du Taurus (Sud-Ouest de la Turquie). <i>Comptes Rendus - Geoscience</i> , 2002, 334, 489-495.	1.2	22