

Jacopo Dal Corso

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,598
citations

304743

22
h-index

345221

36
g-index

43
all docs

43
docs citations

43
times ranked

1151
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of a major negative $\delta^{13}\text{C}$ spike in the Carnian (Late Triassic) linked to the eruption of Wrangellia flood basalts. <i>Geology</i> , 2012, 40, 79-82.	4.4	135
2	Extinction and dawn of the modern world in the Carnian (Late Triassic). <i>Science Advances</i> , 2020, 6, .	10.3	116
3	Production and preservation of resins—Past and present. <i>Biological Reviews</i> , 2018, 93, 1684-1714.	10.4	113
4	The Central Atlantic Magmatic Province (CAMP): A Review. <i>Topics in Geobiology</i> , 2018, , 91-125.	0.5	103
5	Carbon isotope records reveal synchronicity between carbon cycle perturbation and the “Carnian Pluvial Event” in the Tethys realm (Late Triassic). <i>Global and Planetary Change</i> , 2015, 127, 79-90.	3.5	102
6	Multiple negative carbon-isotope excursions during the Carnian Pluvial Episode (Late Triassic). <i>Earth-Science Reviews</i> , 2018, 185, 732-750.	9.1	81
7	Environmental crises at the Permian–Triassic mass extinction. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 197-214.	29.7	78
8	The dawn of CAMP volcanism and its bearing on the end-Triassic carbon cycle disruption. <i>Journal of the Geological Society</i> , 2014, 171, 153-164.	2.1	77
9	Ecological disturbance in tropical peatlands prior to marine Permian-Triassic mass extinction. <i>Geology</i> , 2020, 48, 288-292.	4.4	69
10	Six-fold increase of atmospheric $p\text{CO}_2$ during the Permian–Triassic mass extinction. <i>Nature Communications</i> , 2021, 12, 2137.	12.8	52
11	Early Pliensbachian (Early Jurassic) C-isotope perturbation and the diffusion of the Lithiotis Fauna: Insights from the western Tethys. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 410, 255-263.	2.3	50
12	An enormous sulfur isotope excursion indicates marine anoxia during the end-Triassic mass extinction. <i>Science Advances</i> , 2020, 6, .	10.3	50
13	Volcanically driven lacustrine ecosystem changes during the Carnian Pluvial Episode (Late Triassic). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	50
14	Deep CO_2 in the end-Triassic Central Atlantic Magmatic Province. <i>Nature Communications</i> , 2020, 11, 1670.	12.8	49
15	Permian–Triassic boundary carbon and mercury cycling linked to terrestrial ecosystem collapse. <i>Nature Communications</i> , 2020, 11, 2962.	12.8	47
16	Primary dolomite in the Late Triassic Travenanzes Formation, Dolomites, Northern Italy: Facies control and possible bacterial influence. <i>Sedimentology</i> , 2015, 62, 697-716.	3.1	45
17	Evaluating the use of amber in palaeoatmospheric reconstructions: The carbon-isotope variability of modern and Cretaceous conifer resins. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 199, 351-369.	3.9	34
18	New biostratigraphic constraints show rapid emplacement of the Central Atlantic Magmatic Province (CAMP) during the end-Triassic mass extinction interval. <i>Global and Planetary Change</i> , 2019, 172, 60-68.	3.5	34

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19	Carbon-isotope variability of Triassic amber, as compared with wood and leaves (Southern Alps, Italy). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 302, 187-193.	2.3	31
20	Death in the shallows: The record of Permo-Triassic mass extinction in paralic settings, southwest China. <i>Global and Planetary Change</i> , 2020, 189, 103176.	3.5	28
21	Proterozoic to Mesozoic evolution of North-West Africa and Peri-Gondwana microplates: Detrital zircon ages from Morocco and Canada. <i>Lithos</i> , 2017, 278-281, 229-239.	1.4	26
22	Metal-induced stress in survivor plants following the end-Permian collapse of land ecosystems. <i>Geology</i> , 2021, 49, 657-661.	4.4	25
23	The Carnian pluvial episode (Late Triassic): new insights into this important time of global environmental and biological change. <i>Journal of the Geological Society</i> , 2018, 175, 986-988.	2.1	22
24	Mercury deposition in Western Tethys during the Carnian Pluvial Episode (Late Triassic). <i>Scientific Reports</i> , 2021, 11, 17339.	3.3	21
25	The Carnian Pluvial Episode and the first global appearance of amber. <i>Journal of the Geological Society</i> , 2018, 175, 1012-1018.	2.1	20
26	Massive methane fluxing from magma-sediment interaction in the end-Triassic Central Atlantic Magmatic Province. <i>Nature Communications</i> , 2021, 12, 5534.	12.8	19
27	The Loppio Oolitic Limestone (Early Jurassic, Southern Alps): A prograding oolitic body with high original porosity originated by a carbonate platform crisis and recovery. <i>Marine and Petroleum Geology</i> , 2017, 79, 394-411.	3.3	17
28	Anthropogenic-scale CO ₂ degassing from the Central Atlantic Magmatic Province as a driver of the end-Triassic mass extinction. <i>Global and Planetary Change</i> , 2022, 209, 103731.	3.5	16
29	Tethyan carbonate platform transformations during the Early Jurassic (Sinemurian-Pliensbachian). <i>Journal of the Geological Society of America</i> , 2019, 131, 1255-1275.	3.3	14
30	Background Earth system state amplified Carnian (Late Triassic) environmental changes. <i>Earth and Planetary Science Letters</i> , 2022, 578, 117321.	4.4	14
31	Rise of calcispheres during the Carnian Pluvial Episode (Late Triassic). <i>Global and Planetary Change</i> , 2021, 200, 103453.	3.5	11
32	Ammonoid-calibrated sporomorph assemblages reflect a shift from hygrophytic to xerophytic elements in the late Anisian (Middle Triassic) of the Southern Alps (Italy). <i>Review of Palaeobotany and Palynology</i> , 2015, 218, 15-27.	1.5	10
33	Shallow ocean oxygen decline during the end-Triassic mass extinction. <i>Global and Planetary Change</i> , 2022, 210, 103770.	3.5	10
34	Different controls on the Hg spikes linked the two pulses of the Late Ordovician mass extinction in South China. <i>Scientific Reports</i> , 2022, 12, 5195.	3.3	10
35	Late Permian-Middle Triassic magnetostratigraphy in North China and its implications for terrestrial-marine correlations. <i>Earth and Planetary Science Letters</i> , 2022, 585, 117519.	4.4	10
36	Carnian (Late Triassic) C-isotope excursions, environmental changes, and biotic turnover: a global perturbation of the Earth's surface system. <i>Journal of the Geological Society</i> , 2019, 176, 129-131.	2.1	5

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37	Positive Sulfate Sulfur Isotope Excursion Indicates Large-Scale Pyrite Burial and Marine Anoxia during the End-Triassic Mass Extinction. , 2020, , .		0
38	Multiple S Isotopes and Hg Geochemistry at the Terrestrial Permo-Triassic Mass Extinction. , 2020, , .		0
39	Synchrotron light X-ray microtomography reveals a crystalline mush within the deep plumbing system of Large Igneous Provinces. , 2021, , .		0