Elias Samankassou

List of Publications by Year
in descending order

62 papers	10,328 citations	304743 22 h-index	138484 58 g-index
68 all docs	68 docs citations	68 times ranked	32935 citing authors

#	Article	IF	Citations
1	The driving mechanisms of the carbon cycle perturbations in the late Pliensbachian (Early Jurassic). Scientific Reports, 2019, 9, 18430.	3.3	9,028
2	Barium isotope fractionation in the global barium cycle: First evidence from barium minerals and precipitation experiments. Chemical Geology, 2010, 277, 70-77.	3.3	118
3	Molybdenum isotopic composition of modern and Carboniferous carbonates. Chemical Geology, 2009, 265, 488-498.	3.3	103
4	Lofer cyclothems revisited (Late triassic, Northern Alps, Austria). Facies, 1998, 38, 207-227.	1.4	52
5	Cool-water carbonates in a paleoequatorial shallow-water environment: The paradox of the Auernig cyclic sediments (Upper Pennsylvanian, Carnic Alps, Austria-Italy) and its implications. Geology, 2002, 30, 655.	4.4	51
6	Constraints on barium isotope fractionation during aragonite precipitation by corals. Depositional Record, 2015, 1, 118-129.	1.7	44
7	Barium isotope fractionation during experimental formation of the double carbonate BaMn[CO₃]₂at ambient temperature. Isotopes in Environmental and Health Studies, 2012, 48, 457-463.	1.0	42
8	Unbalanced food web in a Late Cretaceous dinosaur assemblage. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 381-382, 26-32.	2.3	40
9	Biological effects on uranium isotope fractionation (238U/235U) in primary biogenic carbonates. Geochimica Et Cosmochimica Acta, 2018, 240, 1-10.	3.9	39
10	Ice volume and climate changes from a 6000 year sea-level record in French Polynesia. Nature Communications, 2018, 9, 285.	12.8	38
11	Where did ancient carbonate mounds grow â€" In bathyal depths or in shallow shelf waters?. Earth-Science Reviews, 2015, 145, 56-65.	9.1	35
12	Sedimentology and reservoir quality of a Messinian mixed siliciclastic-carbonate succession, onshore Nile Delta, Egypt. Marine and Petroleum Geology, 2020, 112, 104076.	3.3	34
13	High-precision Uâ€"Pb ages in the early Tithonian to early Berriasian and implications for the numerical age of the Jurassicâ€"Cretaceous boundary. Solid Earth, 2019, 10, 1-14.	2.8	32
14	Construction versus accumulation in phylloid algal mounds: an example of a small constructed mound in the Pennsylvanian of Kansas, USA. Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 185, 379-389.	2.3	31
15	Microfacies and depositional setting of the Upper Triassic mid-oceanic atoll-type carbonates of the Sambosan Accretionary Complex (southern Kyushu, Japan). Facies, 2010, 56, 249-278.	1.4	29
16	Origin of peloids in Early Cretaceous deposits, Dorset, South England. Facies, 2005, 51, 264-274.	1.4	28
17	Barium isotope fractionation during the experimental transformation of aragonite to witherite and of gypsum to barite, and the effect of ion (de)solvation. Isotopes in Environmental and Health Studies, 2018, 54, 324-335.	1.0	28
18	Internal structure and depositional environment of Late Carboniferous mounds from the San Emiliano Formation, CÃ¡rmenes Syncline, Cantabrian Mountains, Northern Spain. Sedimentary Geology, 2001, 145, 235-252.	2.1	27

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19	Stable isotope profiles (Ca, O, C) through modern brachiopod shells of T. septentrionalis and G. vitreus: Implications for calcium isotope paleo-ocean chemistry. Chemical Geology, 2010, 269, 210-219.	3.3	27
20	Biostratigraphical correlation of late carboniferous (Kasimovian) sections in the Carnic Alps (Austria/Italy): Integrated paleontological data, facies, and discussion. Facies, 2000, 42, 177-210.	1.4	23
21	Marine Red Staining of a Pennsylvanian Carbonate Slope: Environmental and Oceanographic Significance. Journal of Sedimentary Research, 2007, 77, 1026-1045.	1.6	23
22	Paleoecology of Pennsylvanian phylloid algal buildups in south Guizhou, China. Facies, 2007, 53, 615-623.	1.4	23
23	A refined genetic model for the Laisvall and Vassbo Mississippi Valley-type sandstone-hosted deposits, Sweden: constraints from paragenetic studies, organic geochemistry, and S, C, N, and Sr isotope data. Mineralium Deposita, 2016, 51, 639-664.	4.1	23
24	The Pennsylvanian (Moscovian) Izvarino Section, Donets Basin, Ukraine: A Multidisciplinary Study on Microfacies, Biostratigraphy (Conodonts, Foraminifers, and Ostracodes), and Paleoecology. Journal of Paleontology, 2007, 81, 1-85.	0.8	22
25	Discovery of Miocene to early Pleistocene deposits on Mayaguana, Bahamas: Evidence for recent active tectonism on the North American margin. Geology, 2011, 39, 523-526.	4.4	21
26	Evolution of a carbonate delta generated by gatewayâ€funnelling of episodic currents. Sedimentology, 2019, 66, 1302-1340.	3.1	21
27	Drowning of algal mounds: records from the Upper Carboniferous Lower Pseudoschwagerina Limestone, Carnic Alps, Austria. Sedimentary Geology, 1999, 127, 209-220.	2.1	20
28	Constraining calcium isotope fractionation (Î´44/40Ca) in modern and fossil scleractinian coral skeleton. Chemical Geology, 2013, 340, 49-58.	3.3	20
29	Skeletal Framework Mounds of Dasycladalean Alga Anthracoporella, Upper Paleozoic, Carnic Alps, Austria. Palaios, 1998, 13, 297.	1.3	19
30	The influence of terrestrial run off on marine biotic communities: An example from a thrust-top carbonate ramp (Upper Pennsylvanian foreland basin, Picos de Europa, NW Spain). Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 278, 1-23.	2.3	19
31	Multi-isotope (Ba, C, O) partitioning during experimental carbonatization of a hyper-alkaline solution. Chemie Der Erde, 2018, 78, 241-247.	2.0	19
32	Effect of salinity on the skeletal chemistry of cultured scleractinian zooxanthellate corals: Cd/Ca ratio as a potential proxy for salinity reconstruction. Coral Reefs, 2014, 33, 169-180.	2.2	18
33	Facies, geometry and growth phases of the Valdorria carbonate platform (Pennsylvanian, northern) Tj ETQq1 1 0.784314 rgBT /Overlock	3.1	18
34	Hydrocarbon potential, palynology and palynofacies of four sedimentary basins in the Benue Trough, northern Cameroon. Journal of African Earth Sciences, 2018, 139, 73-95.	2.0	18
35	Palaeontological response to sea-level change: Distribution of fauna and flora in cyclothems from the Lower Pseudoschwagerina limestone (Latest Carboniferous, Carnic Alps, Austria). Geobios, 1997, 30, 785-796.	1.4	17
36	Paleoecology of Late Carboniferous Phylloid Algae in Southern Guizhou, SW China. Acta Geologica Sinica, 2007, 81, 566-572.	1.4	14

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37	Selection of the conodont Idiognathodus simulator (Ellison) as the event marker for the base of the global Gzhelian Stage (Upper Pennsylvanian, Carboniferous). Palaeoworld, 2009, 18, 114-119.	1.1	12
38	Dolomitization of the Upper Jurassic carbonate rocks in the Geneva Basin, Switzerland and France. Swiss Journal of Geosciences, 2018, 111, 475-500.	1.2	12
39	Reef response to sea-level and environmental changes in the Central South Pacific over the past 6000Âyears. Global and Planetary Change, 2020, 195, 103357.	3.5	11
40	Origin and age of carbonate clasts from the Lusi eruption, Java, Indonesia. Marine and Petroleum Geology, 2018, 90, 138-148.	3.3	10
41	Growth Dynamics of Pennsylvanian Carbonate Mounds From A Mixed Terrigenous-Carbonate Ramp In the Puebla De Lillo Area, Cantabrian Mountains, Northern Spain. Journal of Sedimentary Research, 2014, 83, 1099-1112.	1.6	8
42	Isotopic fingerprints of Milankovitch cycles in Pennsylvanian carbonate platformâ€top deposits: the Valdorria record, Northern Spain. Terra Nova, 2016, 28, 364-373.	2.1	8
43	Skeletal Organic Matrices in Molluscs: Origin, Evolution, Diagenesis. , 2018, , 325-332.		8
44	Lateral facies variations in the Triassic Dachstein platform: A challenge for cyclostratigraphy. Depositional Record, 2019, 5, 469-485.	1.7	8
45	Upper Carboniferous-Lower Permian Buildups of The Carnic Alps, Austria-Italy. , 0, , 201-217.		8
46	Paleoecological control of ostracode distribution in a Pennsylvanian Auernig cyclothem of the Carnic Alps, Austria. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 225, 317-330.	2.3	7
47	The onset of the major glaciation of the LPIA: record from South China. International Journal of Earth Sciences, 2020, 109, 281-300.	1.8	7
48	Late Pennsylvanian carbonate platform facies and coral reef: new insights from southern China (Guizhou Province). Facies, 2021, 67, 3.	1.4	6
49	Biostratigraphy of Cretaceous-Neogene sedimentary infill of the Mamfe basin, southwest Cameroon: Paleoclimate implication. Journal of African Earth Sciences, 2021, 182, 104279.	2.0	6
50	First palynostratigraphical evidence for a Late Eocene to Early Miocene age of the volcano-sedimentary series of Dschang, western part of Cameroon and its implications for the interpretation of palaeoenvironment. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 485, 517-530.	2.3	5
51	Oases of biodiversity: Early Devonian palaeoecology at Hamar Laghdad, Morocco. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2018, 290, 9-48.	0.4	5
52	Constructional and Accumulational Modes of Fabrics in Selected Pennsylvanian Algal-Dominated Buildups in Eastern Kansas, Midcontinent, U.S.A.. , 0, , 219-237.		5
53	Magnetobiochronology of Lower Pliocene marine sediments from the lower Guadalquivir Basin: Insights into the tectonic evolution of the Strait of Gibraltar area. Bulletin of the Geological Society of America, 0, , .	3.3	4
54	Geochemical constrains on dolomitization pathways of the Upper Jurassic carbonate rocks in the Geneva Basin (Switzerland and France). Swiss Journal of Geosciences, 2019, 112, 579-596.	1.2	4

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55	Coral reefs and growth dynamics of a low-angle Carboniferous platform: Records from Tianlin, southern China. Sedimentary Geology, 2020, 396, 105550.	2.1	4
56	Short-lived early Cenomanian volcanic atolls of Mt. Carmel, northern Israel. Sedimentary Geology, 2021, 411, 105805.	2.1	4
57	Florida Bay: Modern analogue for Lofer cyclothems?. Sedimentology, 2022, 69, 254-281.	3.1	4
58	Pre-Holocene Island Geology of the Caicos and Mayaguana (Bahamas) Platforms<subtitle>Similarities and Differences</subtitle>. , 2008, , .		3
59	Early Diagenetic Imprint on Temperature Proxies in Holocene Corals: A Case Study From French Polynesia. Frontiers in Earth Science, 2020, 8, .	1.8	2
60	The Garoua Formation of the Upper Benue Trough (Cameroon), as a potential lateral extension of the Bima Formation (Nigeria): evidence from geomorphology, facies analysis, petrology and geochemistry. Arabian Journal of Geosciences, 2022, 15, .	1.3	2
61	Spatial and temporal distribution of microbial carbonates, skeletal and non-skeletal grains in a Pennsylvanian carbonate platform (Valdorria, Northern Spain). Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 476, 106-139.	2.3	1
62	First 2D and 3D interpretative models of sedimentation in the Cretaceous Hama-koussou sedimentary basin: Litho-bio-stratigraphy and palaeoenvironment records. Journal of African Earth Sciences, 2021, 182, 104256.	2.0	1