

# Elias Samankassou

## List of Publications by Citations

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62

papers

9,807

citations

20

h-index

68

g-index

68

ext. papers

10,168

ext. citations

3.2

avg, IF

6.78

L-index

#	Paper	IF	Citations
62	The driving mechanisms of the carbon cycle perturbations in the late Pliensbachian (Early Jurassic). <i>Scientific Reports</i> , <b>2019</b> , 9, 18430	4.9	8811
61	Barium isotope fractionation in the global barium cycle: First evidence from barium minerals and precipitation experiments. <i>Chemical Geology</i> , <b>2010</b> , 277, 70-77	4.2	88
60	Molybdenum isotopic composition of modern and Carboniferous carbonates. <i>Chemical Geology</i> , <b>2009</b> , 265, 488-498	4.2	80
59	Lofer cyclothems revisited (Late triassic, Northern Alps, Austria). <i>Facies</i> , <b>1998</b> , 38, 207-227	1.8	41
58	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. <i>Geology</i> , <b>2002</b> , 30, 655	5	39
57	Barium isotope fractionation during experimental formation of the double carbonate BaMn[CO <sub>3</sub> ](2) at ambient temperature. <i>Isotopes in Environmental and Health Studies</i> , <b>2012</b> , 48, 457-63	1.5	36
56	Constraints on barium isotope fractionation during aragonite precipitation by corals. <i>Depositional Record</i> , <b>2015</b> , 1, 118-129	2	35
55	Where did ancient carbonate mounds grow In bathyal depths or in shallow shelf waters?. <i>Earth-Science Reviews</i> , <b>2015</b> , 145, 56-65	10.2	31
54	Unbalanced food web in a Late Cretaceous dinosaur assemblage. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2013</b> , 381-382, 26-32	2.9	30
53	Construction versus accumulation in phylloid algal mounds: an example of a small constructed mound in the Pennsylvanian of Kansas, USA. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2002</b> , 185, 379-389	2.9	29
52	Ice volume and climate changes from a 6000 year sea-level record in French Polynesia. <i>Nature Communications</i> , <b>2018</b> , 9, 285	17.4	27
51	Biological effects on uranium isotope fractionation (238U/235U) in primary biogenic carbonates. <i>Geochimica Et Cosmochimica Acta</i> , <b>2018</b> , 240, 1-10	5.5	26
50	Internal structure and depositional environment of Late Carboniferous mounds from the San Emiliano Formation, Cñmenes Syncline, Cantabrian Mountains, Northern Spain. <i>Sedimentary Geology</i> , <b>2001</b> , 145, 235-252	2.8	26
49	Stable isotope profiles (Ca, O, C) through modern brachiopod shells of <i>T. septentrionalis</i> and <i>G. vitreus</i> : Implications for calcium isotope paleo-ocean chemistry. <i>Chemical Geology</i> , <b>2010</b> , 269, 210-219	4.2	25
48	Origin of peloids in Early Cretaceous deposits, Dorset, South England. <i>Facies</i> , <b>2005</b> , 51, 264-274	1.8	24
47	Microfacies and depositional setting of the Upper Triassic mid-oceanic atoll-type carbonates of the Sambosan Accretionary Complex (southern Kyushu, Japan). <i>Facies</i> , <b>2010</b> , 56, 249-278	1.8	22
46	Marine Red Staining of a Pennsylvanian Carbonate Slope: Environmental and Oceanographic Significance. <i>Journal of Sedimentary Research</i> , <b>2007</b> , 77, 1026-1045	2.1	22

45	High-precision U/Pb ages in the early Tithonian to early Berriasian and implications for the numerical age of the Jurassic-Cretaceous boundary. <i>Solid Earth</i> , <b>2019</b> , 10, 1-14	3.3	21
44	Barium isotope fractionation during the experimental transformation of aragonite to witherite and of gypsum to barite, and the effect of ion (de)solvation. <i>Isotopes in Environmental and Health Studies</i> , <b>2018</b> , 54, 324-335	1.5	20
43	Paleoecology of Pennsylvanian phylloid algal buildups in south Guizhou, China. <i>Facies</i> , <b>2007</b> , 53, 615-623	1.8	20
42	Discovery of Miocene to early Pleistocene deposits on Mayaguana, Bahamas: Evidence for recent active tectonism on the North American margin. <i>Geology</i> , <b>2011</b> , 39, 523-526	5	19
41	Skeletal Framework Mounds of Dasycladalean Alga Anthracoporella, Upper Paleozoic, Carnic Alps, Austria. <i>Palaios</i> , <b>1998</b> , 13, 297	1.6	19
40	Drowning of algal mounds: records from the Upper Carboniferous Lower Pseudoschwagerina Limestone, Carnic Alps, Austria. <i>Sedimentary Geology</i> , <b>1999</b> , 127, 209-220	2.8	19
39	Sedimentology and reservoir quality of a Messinian mixed siliciclastic-carbonate succession, onshore Nile Delta, Egypt. <i>Marine and Petroleum Geology</i> , <b>2020</b> , 112, 104076	4.7	19
38	Constraining calcium isotope fractionation ( $\delta^{44}/^{40}\text{Ca}$ ) in modern and fossil scleractinian coral skeleton. <i>Chemical Geology</i> , <b>2013</b> , 340, 49-58	4.2	17
37	The Pennsylvanian (Moscovian) Izvarino Section, Donets Basin, Ukraine: A Multidisciplinary Study on Microfacies, Biostratigraphy (Conodonts, Foraminifers, and Ostracodes), and Paleoecology. <i>Journal of Paleontology</i> , <b>2007</b> , 81, 1-85	1.1	17
36	Biostratigraphical correlation of late carboniferous (Kasimovian) sections in the Carnic Alps (Austria/Italy): Integrated paleontological data, facies, and discussion. <i>Facies</i> , <b>2000</b> , 42, 177-210	1.8	17
35	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. <i>Mineralium Deposita</i> , <b>2016</b> , 51, 639-664	4.8	16
34	Palaeontological response to sea-level change: Distribution of fauna and flora in cyclothems from the Lower Pseudoschwagerina limestone (Latest Carboniferous, Carnic Alps, Austria). <i>Geobios</i> , <b>1997</b> , 30, 785-796	1.5	16
33	Effect of salinity on the skeletal chemistry of cultured scleractinian zooxanthellate corals: Cd/Ca ratio as a potential proxy for salinity reconstruction. <i>Coral Reefs</i> , <b>2014</b> , 33, 169-180	4.2	15
32	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). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2009</b> , 278, 1-23	2.9	15
31	Facies, geometry and growth phases of the Valdorria carbonate platform (Pennsylvanian, northern Spain). <i>Sedimentology</i> , <b>2016</b> , 63, 60-104	3.3	15
30	Evolution of a carbonate delta generated by gateway-funnelling of episodic currents. <i>Sedimentology</i> , <b>2019</b> , 66, 1302-1340	3.3	14
29	Paleoecology of Late Carboniferous Phylloid Algae in Southern Guizhou, SW China. <i>Acta Geologica Sinica</i> , <b>2007</b> , 81, 566-572	0.7	13
28	Multi-isotope (Ba, C, O) partitioning during experimental carbonatization of a hyper-alkaline solution. <i>Chemie Der Erde</i> , <b>2018</b> , 78, 241-247	4.3	12

27	Origin and age of carbonate clasts from the Lusi eruption, Java, Indonesia. <i>Marine and Petroleum Geology</i> , <b>2018</b> , 90, 138-148	4.7	10
26	Selection of the conodont <i>Idiognathodus simulator</i> (Ellison) as the event marker for the base of the global Gzhelian Stage (Upper Pennsylvanian, Carboniferous). <i>Palaeoworld</i> , <b>2009</b> , 18, 114-119	1.8	8
25	Hydrocarbon potential, palynology and palynofacies of four sedimentary basins in the Benue Trough, northern Cameroon. <i>Journal of African Earth Sciences</i> , <b>2018</b> , 139, 73-95	2.2	8
24	Isotopic fingerprints of Milankovitch cycles in Pennsylvanian carbonate platform-top deposits: the Valdorria record, Northern Spain. <i>Terra Nova</i> , <b>2016</b> , 28, 364-373	3	7
23	Growth Dynamics of Pennsylvanian Carbonate Mounds From A Mixed Terrigenous-Carbonate Ramp In the Puebla De Lillo Area, Cantabrian Mountains, Northern Spain. <i>Journal of Sedimentary Research</i> , <b>2014</b> , 83, 1099-1112	2.1	7
22	Dolomitization of the Upper Jurassic carbonate rocks in the Geneva Basin, Switzerland and France. <i>Swiss Journal of Geosciences</i> , <b>2018</b> , 111, 475-500	2.1	7
21	Lateral facies variations in the Triassic Dachstein platform: A challenge for cyclostratigraphy. <i>Depositional Record</i> , <b>2019</b> , 5, 469-485	2	6
20	Paleoecological control of ostracode distribution in a Pennsylvanian Auernig cyclothem of the Carnic Alps, Austria. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2005</b> , 225, 317-330	2.9	6
19	Reef response to sea-level and environmental changes in the Central South Pacific over the past 6000 years. <i>Global and Planetary Change</i> , <b>2020</b> , 195, 103357	4.2	5
18	Skeletal Organic Matrices in Molluscs: Origin, Evolution, Diagenesis <b>2018</b> , 325-332		5
17	Constructional and Accumulational Modes of Fabrics in Selected Pennsylvanian Algal-Dominated Buildups in Eastern Kansas, Midcontinent, U.S.A. 219-237		4
16	Magnetobiochronology of Lower Pliocene marine sediments from the lower Guadalquivir Basin: Insights into the tectonic evolution of the Strait of Gibraltar area. <i>Bulletin of the Geological Society of America</i> , <b>2018</b> ,	3.9	4
15	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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2017</b> , 485, 517-530	2.9	3
14	Upper Carboniferous-Lower Permian Buildups of The Carnic Alps, Austria-Italy 201-217		3
13	The onset of the major glaciation of the LPIA: record from South China. <i>International Journal of Earth Sciences</i> , <b>2020</b> , 109, 281-300	2.2	3
12	Oases of biodiversity: Early Devonian palaeoecology at Hamar Laghdad, Morocco. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , <b>2018</b> , 290, 9-48	1.1	3
11	Geochemical constrains on dolomitization pathways of the Upper Jurassic carbonate rocks in the Geneva Basin (Switzerland and France). <i>Swiss Journal of Geosciences</i> , <b>2019</b> , 112, 579-596	2.1	2
10	Pre-Holocene Island Geology of the Caicos and Mayaguana (Bahamas) Platforms Similarities and Differences <b>2008</b> ,		2

9	Coral reefs and growth dynamics of a low-angle Carboniferous platform: Records from Tianlin, southern China. <i>Sedimentary Geology</i> , <b>2020</b> , 396, 105550	2.8	2
8	Early Diagenetic Imprint on Temperature Proxies in Holocene Corals: A Case Study From French Polynesia. <i>Frontiers in Earth Science</i> , <b>2020</b> , 8,	3.5	2
7	Late Pennsylvanian carbonate platform facies and coral reef: new insights from southern China (Guizhou Province). <i>Facies</i> , <b>2021</b> , 67, 3	1.8	2
6	Florida Bay: Modern analogue for Lofer cyclothems?. <i>Sedimentology</i> ,	3.3	2
5	Biostratigraphy of Cretaceous-Neogene sedimentary infill of the Mamfe basin, southwest Cameroon: Paleoclimate implication. <i>Journal of African Earth Sciences</i> , <b>2021</b> , 182, 104279	2.2	2
4	Spatial and temporal distribution of microbial carbonates, skeletal and non-skeletal grains in a Pennsylvanian carbonate platform (Valdorria, Northern Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2017</b> , 476, 106-139	2.9	1
3	Cross-continental age calibration of the Jurassic/Cretaceous boundary <b>2018</b> ,		1
2	Short-lived early Cenomanian volcanic atolls of Mt. Carmel, northern Israel. <i>Sedimentary Geology</i> , <b>2021</b> , 411, 105805	2.8	0
1	First 2D and 3D interpretative models of sedimentation in the Cretaceous Hama-koussou sedimentary basin: Litho-bio-stratigraphy and palaeoenvironment records. <i>Journal of African Earth Sciences</i> , <b>2021</b> , 182, 104256	2.2	