

Juan Carlos Laya

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The effects of magnesium concentration in high-magnesium calcite allochems on dolomitization: Insights from high-temperature dolomite synthesis experiments. <i>Journal of Sedimentary Research</i> , 2022, 92, 134-143.	1.6	5
2	Sedimentology and stratigraphy of the Cenomanian Buda Limestone in central Texas, U.S.A.: Implications on regional and global depositional controls. <i>Cretaceous Research</i> , 2022, 137, 105231.	1.4	4
3	Dolomitization of a Miocene-Pliocene progradational carbonate platform by mesohaline brines: Re-examination of the reflux model on Bonaire Island. <i>Marine and Petroleum Geology</i> , 2021, 126, 104895.	3.3	14
4	Dissolution of ooids in seawater-derived fluids – an example from Lower Permian re-sedimented carbonates, West Texas, USA. <i>Sedimentology</i> , 2021, 68, 2671-2706.	3.1	7
5	Depositional environments and controls on the stratigraphic architecture of the Cenomanian Buda Limestone in west Texas, U.S.A.. <i>Marine and Petroleum Geology</i> , 2021, 133, 105275.	3.3	4
6	The effects of dolomite geobodies within carbonate clinoforms on fluid flow and connectivity: Insights from an outcrop analogue on Bonaire, The Netherlands (South Caribbean). <i>Marine and Petroleum Geology</i> , 2021, 134, 105344.	3.3	4
7	Preferential dolomitization in Mio-Pliocene bioclastic clinoforms, Bonaire Island, South Caribbean: insights from petrographic and geochemical analyses. <i>Facies</i> , 2021, 67, 1.	1.4	0
8	Deep-burial dissolution in an Oligocene-Miocene giant carbonate reservoir (Perla Limestone), Gulf of Venezuela Basin: Implications on microporosity development. <i>Marine and Petroleum Geology</i> , 2020, 113, 104144.	3.3	16
9	Adding the missing third and fourth dimensions to trajectory analysis in carbonate systems. <i>Basin Research</i> , 2020, 32, 388-401.	2.7	2
10	Correction to: A two million year record of low-latitude aridity linked to continental weathering from the Maldives. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	3.0	0
11	Magnetic properties of early Pliocene sediments from IODP Site U1467 (Maldives platform) reveal changes in the monsoon system. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 533, 109283.	2.3	3
12	Dataset of characteristic remanent magnetization and magnetic properties of early Pliocene sediments from IODP Site U1467 (Maldives platform). <i>Data in Brief</i> , 2019, 27, 104666.	1.0	1
13	Cyclic anoxia and organic rich carbonate sediments within a drowned carbonate platform linked to Antarctic ice volume changes: Late Oligocene-early Miocene Maldives. <i>Earth and Planetary Science Letters</i> , 2019, 521, 1-13.	4.4	19
14	Carbonate delta drift: A new sediment drift type. <i>Marine Geology</i> , 2018, 401, 98-111.	2.1	42
15	Controls on Neogene carbonate facies and stratigraphic architecture of an isolated carbonate platform – the Caribbean island of Bonaire. <i>Marine and Petroleum Geology</i> , 2018, 94, 1-18.	3.3	8
16	A two million year record of low-latitude aridity linked to continental weathering from the Maldives. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	26
17	Resolving carbonate platform geometries on the Island of Bonaire, Caribbean Netherlands through semi-automatic GPR facies classification. <i>Geophysical Journal International</i> , 2018, 214, 687-703.	2.4	6
18	Controls on diagenesis and dolomitization of peritidal facies, Early Cretaceous Lower Edwards Group, central Texas, USA. <i>Facies</i> , 2017, 63, 1.	1.4	9

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19	The abrupt onset of the modern South Asian Monsoon winds. <i>Scientific Reports</i> , 2016, 6, 29838.	3.3	121
20	Carbon, oxygen and strontium isotopic composition of low-latitude Permian carbonates (Venezuelan Tj ETQq0 0 0,rgBT /Overlock 10 Tf	1.8	14
21	Metre-scale cyclicity in Permian ramp carbonates of equatorial Pangea (Venezuelan Andes): Implications for sedimentation under tropical Pangea conditions. <i>Sedimentary Geology</i> , 2013, 292, 15-35.	2.1	19
22	Facies analysis and depositional environments of Permian carbonates of the Venezuelan Andes: Palaeogeographic implications for Northern Gondwana. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 331-332, 1-26.	2.3	38
23	Clumped isotope thermometry in deeply buried sedimentary carbonates: The effects of bond reordering and recrystallization. <i>Bulletin of the Geological Society of America</i> , 0, , B31169.1.	3.3	22