

# Amzad H Laskar

## List of Publications by Year in descending order

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42  
papers

702  
citations

567281

15  
h-index

580821

25  
g-index

47  
all docs

47  
docs citations

47  
times ranked

769  
citing authors

#	ARTICLE	IF	CITATIONS
1	Southern hemisphere forced millennial scale Indian summer monsoon variability during the late Pleistocene. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
2	Role of Vehicular Catalytic Converter Temperature in Emission of Pollutants: An Assessment Based on Isotopic Analysis of CO <sub>2</sub> and N <sub>2</sub> O. <i>Environmental Science &amp; Technology</i> , 2021, 55, 4378-4388.	10.0	2
3	InterCarb: A Community Effort to Improve Interlaboratory Standardization of the Carbonate Clumped Isotope Thermometer Using Carbonate Standards. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009588.	2.5	110
4	East Asian CO <sub>2</sub> level change caused by Pacific Decadal Oscillation. <i>Remote Sensing of Environment</i> , 2021, 264, 112624.	11.0	5
5	Variable thermoregulation of Late Cretaceous dinosaurs inferred by clumped isotope analysis of fossilized eggshell carbonates. <i>Heliyon</i> , 2020, 6, e05265.	3.2	6
6	A new perspective of probing the level of pollution in the megacity Delhi affected by crop residue burning using the triple oxygen isotope technique in atmospheric CO <sub>2</sub> . <i>Environmental Pollution</i> , 2020, 263, 114542.	7.5	14
7	Determination of the triple oxygen and carbon isotopic composition of CO <sub>2</sub> from atomic ion fragments formed in the ion source of the 253 Ultra high-resolution isotope ratio mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1363-1380.	1.5	23
8	Triple Oxygen and Clumped Isotope Compositions of CO <sub>2</sub> in the Middle Troposphere. <i>Earth and Space Science</i> , 2019, 6, 1205-1219.	2.6	13
9	Measurement of <sup>18</sup> O/ <sup>18</sup> O and <sup>17</sup> O/ <sup>18</sup> O in atmospheric O <sub>2</sub> using the 253 Ultra mass spectrometer and applications to stratospheric and tropospheric air samples. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 981-994.	1.5	13
10	Resonance of the ~4.2ka event and terminations of global civilizations during the Holocene, in the palaeoclimate records around PT Tso Lake, Eastern Himalaya. <i>Quaternary International</i> , 2019, 507, 206-216.	1.5	18
11	Distribution of CO <sub>2</sub> in Western Pacific, Studied Using Isotope Data Made in Taiwan, OCO <sub>2</sub> Satellite Retrievals, and CarbonTracker Products. <i>Earth and Space Science</i> , 2018, 5, 827-842.	2.6	8
12	Seasonal variation in stable isotope compositions of waters from a Himalayan river: Estimation of glacier melt contribution. <i>Hydrological Processes</i> , 2018, 32, 3866-3880.	2.6	12
13	Stratigraphy and geochemistry of the Balwan Limestone, Vindhyan Supergroup, India: Evidence for the Bitter Springs <sup>13</sup> C anomaly. <i>Precambrian Research</i> , 2018, 313, 18-30.	2.7	15
14	An insight into the western Pacific wintertime moisture sources using dual water vapor isotopes. <i>Journal of Hydrology</i> , 2017, 547, 111-123.	5.4	13
15	Oxygen, deuterium, and strontium isotope characteristics of the Indus River water system. <i>Geomorphology</i> , 2017, 284, 5-16.	2.6	31
16	Oxygen isotope anomaly in tropospheric CO <sub>2</sub> and implications for CO <sub>2</sub> residence time in the atmosphere and gross primary productivity. <i>Scientific Reports</i> , 2017, 7, 13180.	3.3	24
17	Spatiotemporal Variability of Oxygen Isotope Anomaly in near Surface Air CO <sub>2</sub> over Urban, Semi-Urban and Ocean Areas in and around Taiwan. <i>Aerosol and Air Quality Research</i> , 2017, 17, 706-720.	2.1	13
18	Conventional and Clumped Isotopes in Ecological Research. <i>MOJ Ecology &amp; Environmental Sciences</i> , 2017, 2, .	0.2	0

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19	Clumped isotopes in near-surface atmospheric CO <sub>2</sub> over land, coast and ocean in Taiwan and its vicinity. <i>Biogeosciences</i> , 2016, 13, 5297-5314.	3.3	12
20	Clumped isotope composition of marbles from the Backbone Range of Taiwan. <i>Terra Nova</i> , 2016, 28, 265-270.	2.1	10
21	Stable and radioactive carbon in forest soils of Chhattisgarh, Central India: Implications for tropical soil carbon dynamics and stable carbon isotope evolution. <i>Journal of Asian Earth Sciences</i> , 2016, 123, 47-57.	2.3	10
22	Identification of Anthropogenic CO <sub>2</sub> Using Triple Oxygen and Clumped Isotopes. <i>Environmental Science &amp; Technology</i> , 2016, 50, 11806-11814.	10.0	29
23	Stable Isotopic Characterization of Nor <sup>TM</sup> westers of Southern Assam, NE India. <i>Journal of Climate Change</i> , 2015, 1, 75-87.	0.5	10
24	Stalagmite <sup>18</sup> O variations in southern India reveal divergent trends of Indian Summer Monsoon and East Asian Summer Monsoon during the last interglacial. <i>Quaternary International</i> , 2015, 371, 191-196.	1.5	6
25	Late Holocene flooding history of a tropical river in western India in response to southwest monsoon fluctuations: A multi proxy study from lower Narmada valley. <i>Quaternary International</i> , 2015, 371, 181-190.	1.5	23
26	Stable isotopic composition of near surface atmospheric water vapor and rain-vapor interaction in Taipei, Taiwan. <i>Journal of Hydrology</i> , 2014, 519, 2091-2100.	5.4	29
27	Gravitational sampling electrospray ionization mass spectrometry for real-time reaction monitoring. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 1979-1986.	1.5	15
28	Stable carbon isotopes in dissolved inorganic carbon: extraction and implications for quantifying the contributions from silicate and carbonate weathering in the Krishna River system during peak discharge. <i>Isotopes in Environmental and Health Studies</i> , 2014, 50, 156-168.	1.0	2
29	Evidence of Late Quaternary seismicity from Yunam Tso, Lahaul and Spiti, NW Himalaya, India. <i>Journal of Earth System Science</i> , 2014, 123, 603-616.	1.3	8
30	Chronology of major terrace forming events in the Andaman islands during the last 40 kyr. <i>Journal of the Geological Society of India</i> , 2013, 82, 59-66.	1.1	11
31	Isotope signature study of the tea samples produced at four different regions in India. <i>Analytical Methods</i> , 2013, 5, 1604.	2.7	21
32	Changes in litter decomposition and soil organic carbon in a reforested tropical deciduous cover (India). <i>Ecological Research</i> , 2013, 28, 239-248.	1.5	17
33	Late-Holocene climate in the Lower Narmada valley, Gujarat, western India, inferred using sedimentary carbon and oxygen isotope ratios. <i>Holocene</i> , 2013, 23, 1115-1122.	1.7	28
34	A 4 kyr stalagmite oxygen isotopic record of the past Indian Summer Monsoon in the Andaman Islands. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 3555-3566.	2.5	58
35	Zonal variability in primary production and nitrogen uptake rates in the southwestern Indian Ocean and the Southern Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 67, 32-43.	1.4	27
36	Comment on "Tracing the sources of water using stable isotopes: first results along the Mangalore-Udupi region, south-west coast of India". <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 874-875.	1.5	2

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37	Radiocarbon and Stable Carbon Isotopes in Two Soil Profiles from Northeast India. Radiocarbon, 2012, 54, 81-89.	1.8	1
38	SEA SURFACE pCO <sub>2</sub> IN THE INDIAN SECTOR OF THE SOUTHERN OCEAN DURING AUSTRAL SUMMER OF 2009. , 2012, , 79-92.		2
39	Radiocarbon and Stable Carbon Isotopes in Two Soil Profiles from Northeast India. Radiocarbon, 2012, 54, 81-89.	1.8	10
40	Potential of Stable Carbon and Oxygen Isotope Variations of Speleothems from Andaman Islands, India, for Paleomonsoon Reconstruction. Journal of Geological Research, 2011, 2011, 1-7.	0.7	11
41	Major ash eruptions of Barren Island volcano (Andaman Sea) during the past 72 kyr: clues from a sediment core record. Bulletin of Volcanology, 2010, 72, 1131-1136.	3.0	17
42	Paleoclimate and paleovegetation of Lower Narmada Basin, Gujarat, Western India, inferred from stable carbon and oxygen isotopes. Quaternary International, 2010, 227, 183-189.	1.5	20