Joel E Johnson

List of Publications by Year
in descending order

42 papers	2,252 citations	257450 24 h-index	315739 38 g-index
50 all docs	50 docs citations	50 times ranked	2419 citing authors

#	Article	IF	Citations
1	Three-dimensional distribution of gas hydrate beneath southern Hydrate Ridge: constraints from ODP Leg 204. Earth and Planetary Science Letters, 2004, 222, 845-862.	4.4	278
2	HOLOCENEEARTHQUAKERECORDS FROM THECASCADIASUBDUCTIONZONE ANDNORTHERNSANANDREASFAULTBASED ONPRECISEDATING OFOFFSHORETURBIDITES. Annual Review of Earth and Planetary Sciences, 2003, 31, 555-577.	11.0	254
3	Holocene aridification of India. Geophysical Research Letters, 2012, 39, .	4.0	187
4	Feeding methane vents and gas hydrate deposits at south Hydrate Ridge. Geophysical Research Letters, 2004, 31, .	4.0	146
5	Decrease in coccolithophore calcification and CO2 since the middle Miocene. Nature Communications, 2016, 7, 10284.	12.8	135
6	Rupture lengths and temporal history of significant earthquakes on the offshore and north coast segments of the Northern San Andreas Fault based on turbidite stratigraphy. Earth and Planetary Science Letters, 2007, 254, 9-27.	4.4	112
7	Late Holocene Rupture of the Northern San Andreas Fault and Possible Stress Linkage to the Cascadia Subduction Zone. Bulletin of the Seismological Society of America, 2008, 98, 861-889.	2.3	92
8	Geophysical constraints on the surface distribution of authigenic carbonates across the Hydrate Ridge region, Cascadia margin. Marine Geology, 2003, 202, 79-120.	2.1	87
9	Origin of pockmarks and chimney structures on the flanks of the Storegga Slide, offshore Norway. Geo-Marine Letters, 2008, 28, 43-51.	1.1	79
10	An integrated view of the methane system in the pockmarks at Vestnesa Ridge, 79Â°N. Marine Geology, 2017, 390, 282-300.	2.1	74
11	Long-timescale variation in bulk and clay mineral composition of Indian continental margin sediments in the Bay of Bengal, Arabian Sea, and Andaman Sea. Marine and Petroleum Geology, 2014, 58, 117-138.	3.3	69
12	Monsoon-influenced variation in productivity and lithogenic sediment flux since 110Âka in the offshore Mahanadi Basin, northern Bay of Bengal. Marine and Petroleum Geology, 2014, 58, 502-525.	3.3	65
13	South <scp>A</scp>sian monsoon history over the past 60 kyr recorded by radiogenic isotopes and clay mineral assemblages in the <scp>A</scp>ndaman <scp>S</scp>ea. Geochemistry, Geophysics, Geosystems, 2015, 16, 505-521.	2.5	63
14	Abiotic methane from ultraslow-spreading ridges can charge Arctic gas hydrates. Geology, 2015, 43, 371-374.	4.4	52
15	Influence of total organic carbon deposition on the inventory of gas hydrate in the Indian continental margins. Marine and Petroleum Geology, 2014, 58, 406-424.	3.3	51
16	Short communication: Massive erosion in monsoonal central India linked to late Holocene land cover degradation. Earth Surface Dynamics, 2017, 5, 781-789.	2.4	45
17	Indian monsoon variations during three contrasting climatic periods: The Holocene, Heinrich Stadial 2 and the last interglacialâ€“glacial transition. Quaternary Science Reviews, 2015, 125, 50-60.	3.0	43
18	Sedimentation rates from calcareous nannofossil and planktonic foraminifera biostratigraphy in the Andaman Sea, northern Bay of Bengal, and eastern Arabian Sea. Marine and Petroleum Geology, 2014, 58, 425-437.	3.3	38

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19	Anomalous porosity preservation and preferential accumulation of gas hydrate in the Andaman accretionary wedge, NGHP-01 site 17A. Marine and Petroleum Geology, 2014, 58, 99-116.	3.3	38
20	Composition and origin of authigenic carbonates in the Krishnaâ€“Godavari and Mahanadi Basins, eastern continental margin of India. Marine and Petroleum Geology, 2014, 58, 438-460.	3.3	37
21	Sediment Characteristics and Methane Ebullition in Three Subarctic Lakes. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 2399-2411.	3.0	36
22	Methane seepage at Vestnesa Ridge (NW Svalbard) since the Last Glacial Maximum. Quaternary Science Reviews, 2018, 193, 98-117.	3.0	32
23	Improving CHN measurements in carbonateâ€rich marine sediments. Limnology and Oceanography: Methods, 2011, 9, 194-203.	2.0	29
24	Modelling persistent methane seepage offshore western Svalbard since early Pleistocene. Marine and Petroleum Geology, 2018, 91, 800-811.	3.3	29
25	A late Mioceneâ€“Early Pliocene biogenic silica crash in the Andaman Sea and Bay of Bengal. Marine and Petroleum Geology, 2014, 58, 490-501.	3.3	26
26	Methane-derived authigenic carbonates on accretionary ridges: Miocene case studies in the northern Apennines (Italy) compared with modern submarine counterparts. Marine and Petroleum Geology, 2019, 102, 860-872.	3.3	22
27	3â€D Seismic Investigation of a Gas Hydrate and Fluid Flow System on an Active Midâ€Ocean Ridge; Svyatogor Ridge, Fram Strait. Geochemistry, Geophysics, Geosystems, 2018, 19, 2325-2341.	2.5	19
28	Energy Gradients Structure Microbial Communities Across Sediment Horizons in Deep Marine Sediments of the South China Sea. Frontiers in Microbiology, 2018, 9, 729.	3.5	19
29	Authigenic carbonate formation influenced by freshwater inputs and methanogenesis in coal-bearing strata offshore Shimokita, Japan (IODP site C0020). Marine and Petroleum Geology, 2018, 96, 288-303.	3.3	16
30	Rock magnetic and geochemical evidence for authigenic magnetite formation via iron reduction in coalâ€bearing sediments offshore <scp>S</scp>himokita <scp>P</scp>eninsula, <scp>J</scp>apan (IODP) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	14
31	Geological interpretation of a low-backscatter anomaly found on the New Jersey continental margin. Marine Geology, 2012, 326-328, 46-54.	2.1	9
32	Preservation of 34S-enriched sulfides in fossil sulfate-methane transition zones: new evidence from Miocene outcrops of the northern Apennines (Italy). Geo-Marine Letters, 2020, 40, 379-390.	1.1	9
33	The tail of the Storegga Slide: insights from the geochemistry and sedimentology of the Norwegian Basin deposits. Sedimentology, 2010, 57, 1409-1429.	3.1	7
34	Isolating Detrital and Diagenetic Signals in Magnetic Susceptibility Records From Methaneâ€Bearing Marine Sediments. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009867.	2.5	6
35	Seismic sequence stratigraphy and tectonic evolution of southern Hydrate Ridge. , 0, , .		6
36	Primary deposition and early diagenetic effects on the high saturation accumulation of gas hydrate in a silt dominated reservoir in the Gulf of Mexico. Marine Geology, 2022, 444, 106718.	2.1	6

#	Article	IF	Citations
37	A new neolepadid cirripede from a Pleistocene cold seep, Krishna-Godavari Basin, offshore India. Acta Palaeontologica Polonica, 0, 65, .	0.4	5
38	North-South Variability in the History of Deformation and Fluid Venting across Hydrate Ridge, Cascadia Margin. , 0, , .		4
39	Three-dimensional distribution of gas hydrate beneath southern Hydrate Ridge: constraints from ODP Leg 204. Earth and Planetary Science Letters, 2004, 222, 845-845.	4.4	2
40	A Laurentian margin subduction perspective: Geodynamic constraints from phase equilibria modeling of barroisite greenstones, northern USA Appalachians. Bulletin of the Geological Society of America, 2020, 132, 2587-2605.	3.3	2
41	SHORT COMMUNICATION: Massive Erosion in Monsoonal Central India Linked to Late Holocene Landcover Degradation. , 0, , .		0
42	Data report: grain size distribution of unconsolidated sands offshore Shimokita Peninsula, Japan (IODP Site C0020). Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	0