

Program-related publications (2014–present) authored by JRSO staff members

This table shows abstracts of JRSO staff presentations at conferences and JRSO staff–authored articles published beginning in 2014. Bold type in Authors column indicates JRSO staff.

Publication type	Document object identifier (DOI) or URL	Paper title	Journal or conference	Status	Year	Authors
Articles in science journals						
Article in science journal	10.1002/2014GC005356	Deciphering bottom current velocity and paleoclimate signals from contourite deposits in the Gulf of Cádiz during the last 140 kyr: an inorganic geochemical approach	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2014	Bahr, A., Jiménez-Espejo, F.J., Kolasinac, N., Grunert, P., Hernández-Molina, F.J., Röhl, U., et al. (including C.A. Alvarez-Zarikian)
Article in science journal	10.1016/j.palwor.2013.11.001	Stratigraphic distribution of the radiolarian <i>Spongodiscus biconcavus</i> Haeckel at IODP Site U1340 in the Bering Sea and its paleoceanographic significance.	<i>Palaeoworld</i>	Published	2014	Chen, M.-H., Zhang, Q., Zhang, L.-L., Alvarez Zarikian, C. , and Wang, R.-J.
Article in science journal	10.1016/j.revpalbo.2013.12.004	A revised Paleocene (Teurian) dinoflagellate cyst zonation from eastern New Zealand	<i>Review of Palaeobotany and Palynology</i>	Published	2014	Crouch, E.M., Willumsen, P.S., Kulhanek, D.K. , and Gibbs, S.J.
Article in science journal	10.5194/sd-17-13-2014	IODP Expedition 336: initiation of long-term coupled microbiological, geochemical, and hydrological experimentation within the seafloor at North Pond, western flank of the Mid-Atlantic Ridge	<i>Scientific Drilling</i>	Published	2014	Edwards, K., Bach, W., Klaus, A. , and the IODP Expedition 336 Scientific Party
Article in science journal	10.1038/nature12778	Primitive layered gabbros from fast-spreading lower oceanic crust	<i>Nature</i>	Published	2014	Gillis, K.M., Snow, J.E., Klaus, A. , Abe, N., Adrião, Á.B., Akizawa, N., Ceuleneer, G., et al.
Article in science journal	10.1126/science.1251306	Onset of Mediterranean outflow into the North Atlantic	<i>Science</i>	Published	2014	Hernández-Molina, F.J., Stow, D.A.V., Alvarez-Zarikian, C.A. , Acton, G. , Bahr, A., Balestra, B., Ducassou, E., et al. (including T. Williams)
Article in science journal	10.1130/G34890.1	Middle Miocene climate cooling linked to intensification of eastern equatorial Pacific upwelling	<i>Geology</i>	Published	2014	Holbourn, A., Kuhnt, W., Lyle, M., Schneider, L. , Romero, O., and Anderson, N.

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Article in science journal	10.5194/cp-11-1009-2015	Onset of the Paleocene–Eocene Thermal Maximum in the southern Pacific Ocean (DSDP Site 277, Campbell Plateau)	<i>Climate of the Past Discussions</i>	Published	2014	Hollis, C.J., Hines, B.R., Littler, K., Villasante-Marcos, V., Kulhanek, D.K. , Strong, C.P., Zachos, J.C., Eggins, S.M., Northcote, L., and Phillips, A.
Article in science journal	10.1016/j.earscirev.2014.03.006	Organic-rich sedimentation in the South Pacific Ocean associated with late Paleocene climatic cooling	<i>Earth-Science Reviews</i>	Published	2014	Hollis, C.J., Tayler, M.J.S., Andrew, B., Taylor, K.W., Lurcock, P., Bijl, P.K., Kulhanek, D.K. , et al.
Article in science journal	10.1002/2014GC005409	Flow dynamics of Nankai Trough submarine landslide inferred from internal deformation using magnetic fabric.	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2014	Kanamatsu, T., Kawamura, K., Strasser, M., Novak, B. , and Kitamura, Y.
Article in science journal	10.1002/2014GC005567	Ages and magnetic structures of the South China Sea constrained by deep tow magnetic surveys and IODP Expedition 349.	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2014	Li, C.-F., Xu, X., Lin, J., Sun, Z., Zhu, J., Yao, Y., Zhao, X., et al. (including D.K. Kulhanek and T. Williams)
Article in science journal	10.1038/ngeo2273	Orbital forcing of the East Antarctic ice sheet during the Pliocene and early Pleistocene	<i>Nature Geoscience</i>	Published	2014	Patterson, M.O., McKay, R., Naish, T., Excutia, C., Jimenez-Espejo, F.J., Raymo, M.E., Meyers, S.R., Tauxe, L., Brinkhuis, H., and IODP Expedition 318 Scientists (including A. Klaus)
Article in science journal	10.1016/j.palaeo.2014.07.024	Cenozoic bathyal and abyssal ostracods beneath the South Pacific Gyre (IODP Expedition 329 Sites U1367, U1368 and U1370).	<i>Palaeogeography, Palaeoclimatology, Palaeoecology</i>	Published	2015	Alvarez Zarikian, C.A.
Article in science journal	10.1038/ngeo2515	A record of spontaneous subduction initiation in the Izu-Bonin-Mariana arc	<i>Nature Geoscience</i>	Published	2015	Arculus, R.J., Ishizuka, O., Bogus, K.A. , Gurnis, M., Hickey-Vargas, R., Aljehdali, M.H., Bandini-Maeder, A.N., et al.
Article in science journal	10.1038/ngeo2387	Presence of oxygen and aerobic communities from sea floor to basement in deep-sea sediments.	<i>Nature Geoscience</i>	Published	2015	D'Hondt, S., Inagaki, F., Alvarez Zarikian, C. , Abrams., L.J., Dubois, N., Engelhardt, T., Evans, H. , et al.
Science journal special issue	http://www.sciencedirect.com/science/journal/00310182/419/suppl/C	Ostracoda as proxies for paleoenvironmental changes—selected papers from 17th ISO.	<i>Palaeogeography, Palaeoclimatology, Palaeoecology</i>	Published	2015	Giozzi, E., Publiese, N., and Alvarez Zarikian, C.A. (Editors)

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Article in science journal	10.1073/pnas.1512549112	Mid-Pleistocene climate transition drives net mass loss from rapidly uplifting St. Elias Mountains, Alaska	<i>Proceedings of the National Academy of Sciences of the United States of America</i>	Published	2015	Gulick, S.P.S., Jaeger, J.M., Mix, A.C., Asahi, H., Bahlburg, H., Belanger, C., Berbel, G.B., et al. (including L. Childress and L. LeVay)
Article in science journal	10.1016/j.marmicro.2015.01.002	Re-discovery of a "living fossil" coccolithophore from the coastal waters of Japan and Croatia.	<i>Marine Micropaleontology</i>	Published	2015	Hagino, K., Young, J.R., Bown, P.R., Godrijan, J., Kulhanek, D.K. , Kogame, K., and Horiguchi, T.
Article in science journal	10.1002/2014PA002704	Threshold behavior of a marine-based sector of the East Antarctic Ice Sheet in response to early Pliocene ocean warming	<i>Paleoceanography and Paleoclimatology</i>	Published	2015	Hansen, M.A., Passchier, S., Khim, B.-K., Song, B., and Williams, T.
Article in science journal	10.1016/j.gloplacha.2015.07.002	A reference time scale for Site U1385 (Shackleton Site) on the SW Iberian Margin	<i>Global and Planetary Change</i>	Published	2015	Hodell, D., Lourens, L., Crowhurst, S., Konijnendijk, T., Tjallingii, R., Jiménez-Espejo, F., Skinner, L., Tzedakis, P.C., and Shackleton Site Project Members (including C.A. Alvarez-Zarikian and T. Williams)
Article in science journal	10.1002/2015JB012061	Permeability and pressure measurements in Lesser Antilles submarine slides: evidence for pressure-driven slow-slip failure	<i>Journal of Geophysical Research: Solid Earth</i>	Published	2015	Hornbach, M.J., Manga, M., Genecov, M., Valdez, R., Miller, P., Saffer, D., Adelstein, E., et al. (including N.A. Stroncik)
Synthesis article in science journal (USIO)	10.1002/2014GC005652	Submarine record of volcanic island construction and collapse in the Lesser Antilles arc: first scientific drilling of submarine volcanic island landslides by IODP Expedition 340.	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2015	Le Friant, A., Ishizuka, O., Boudon, G., Palmer, M.R., Talling, P.J., Villemant, B., Adachi, T., et al. (including N. Stroncik)
Article in science journal	10.1002/2014JB011686	Seismic stratigraphy of the central South China Sea basin and implications for neotectonics	<i>Journal of Geophysical Research: Solid Earth</i>	Published	2015	Li, C.-F., Li, J., Ding, W., Franke, D., Yao, Y., Shi, H., Pang, X., Cao, Y., Lin, J., Kulhanek, D.K. , Williams, T. , et al.

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Article in science journal	10.1016/j.hal.2014.12.002	Corrigendum to "Taxonomic re-examination of the toxic armoured dinoflagellate <i>Pyrodinium bahamense</i> Plate 1906: can morphology or LSU sequencing separate <i>P. bahamense</i> var. <i>compressum</i> from var. <i>bahamense</i> ?" [Harmful Algae 41 (2015) 1–24]	<i>Harmful Algae</i>	Published	2015	Mertens, K.N., Wolny, J., Carbonell-Moore, C., Bogus, K. , Ellegaard, M., Limoges, A., de Vernal, A., et al.
Article in science journal	10.1016/j.hal.2014.09.010	Taxonomic re-examination of the toxic armored dinoflagellate <i>Pyrodinium bahamense</i> Plate 1906: Can morphology or LSU sequencing separate <i>P. bahamense</i> var. <i>compressum</i> from var. <i>bahamense</i> ?	<i>Harmful Algae</i>	Published	2015	Mertens, K.N., Wolny, J., Carbonell-Moore, C., Bogus, K. , Ellegaard, M., Limoges, A., de Vernal, A., et al.
Article in science journal	10.1093/gji/ggv204	Correction of non-intrusive drill core physical properties data for variability in recovered sediment volume	<i>Geophysical Journal International</i>	Published	2015	Walczak, M.H., Mix, A.C., Willse, T., Slagle, A., Stoner, J.S., Jaeger, J., Gulick, S., LeVay, L. , Kioka, A., and the IODP Expedition 341 Scientific Party
Article in science journal	10.1016/j.dsr2.2014.05.010	Pleistocene deep sea ostracods from the Bering Sea (IODP Expedition 323)	<i>Deep Sea Research Part II</i>	Published	2016	Alvarez Zarikian, C.A.
Article in science journal	10.1002/2016GC006397	Age and compositional data of zircon from sepiolite drilling mud to identify contamination of ocean drilling samples	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2016	Andrews, G.D.M., Schmitt, A.K., Busby, C.J., Brown, S.R., Blum, P. , and Harvey, J.C.
Article in science journal	10.1038/ngeo2704	Reply to "Unclear causes for subduction."	<i>Nature Geoscience</i>	Published	2016	Arculus, R.J., Ishizuka, O., Bogus, K.A. , Gurnis, M., Hickey-Vargas, R., Aljehdali, M.H., Bandini-Maeder, A.N., et al.
Article in science journal	10.1016/j.dsr2.2014.01.004	Orbital-scale benthic foraminiferal oxygen isotope stratigraphy at the northern Bering Sea Slope Site U1343 (IODP Expedition 323) and its Pleistocene paleoceanographic significance	Deep Sea Research Part II	Published	2016	Asahi, H., Kender, S., Ikehara, M., Sakamoto, T., Takahashi, K., Ravelo, A.C., Alvarez Zarikian, C.A. , Khim, B.K., and Leng, M.J.

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Article in science journal	10.1038/srep29838	The abrupt onset of the modern South Asian Monsoon winds.	<i>Scientific Reports</i>	Published	2016	Betzler, C., Eberli, G.P., Kroon, D., Wright, J.D., Swart, P.K., Nath, B.N., Alvarez-Zarikian, C.A. , et al.
Article in science journal	10.1002/2015GC006034	Composition, geometry, and emplacement dynamics of a large volcanic island landslide offshore Martinique: from volcano flank-collapse to seafloor sediment failure?	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2016	Brunet, M., Le Friant, A., Boudon, G., Lafuerza, S., Talling, P., Hornbach, M., Ishizuka, O., Lebas, E., Guyard, H., and the IODP Expedition 340 Science Party (including A. Klaus)
Article in science journal	None	IODP 360 expedition: first stage of drilling into Earth's mantle (in Polish)	<i>Przegląd Geologiczny</i>	Published	2016	Ciazela, J., Dick, H.J.B., MacLeod, C.J., Blum, P. , and Expedition 360 Scientists
Article in science journal	10.1016/j.jseaes.2015.09.013	Spreading dynamics and sedimentary process of the Southwest Sub-basin, South China Sea: constraints from multi-channel seismic data and IODP Expedition 349	<i>Journal of Asian Earth Sciences</i>	Published	2016	Ding, W., Li, J., Clift, P.D., and IODP Expedition 349 Scientists (including D.K. Kulhanek)
Article in science journal	10.1016/j.margeo.2015.08.018	Origin of the large Pliocene and Pleistocene debris flows on the Algarve margin	<i>Marine Geology</i>	Published	2016	Ducassou, E., Fournier, L., Sierro, F.J., Alvarez Zarikian, C.A. , Lofi, J., Flores, J.A., and Roque, C.
News article	10.13140/RG.2.2.27318.29761	Expedition 356 tracks the Indonesian Throughflow and Australian climate history	<i>Ocean Discovery</i>	Published	2016	Fulthorpe, C., Gallagher, S., Bogus, K. , Christensen, B., Groeneveld, J., and Expedition 356 Scientists
Article in science journal	10.1016/j.margeo.2016.05.009	Virtual special issue on IODP Expedition 339: the Mediterranean outflow	<i>Marine Geology</i>	Published	2016	Hernández-Molina, F.J., Hodell, D.A., Stow, D.A.V., and Alvarez-Zarikian, C.
Article in science journal	10.1016/j.margeo.2015.09.013	Evolution of the Gulf of Cadiz margin and southwest Portugal contourite depositional system: tectonic, sedimentary and paleoceanographic implications from IODP Expedition 339	<i>Marine Geology</i>	Published	2016	Hernández-Molina, F.J., Sierro, F.J., Llave, E., Roque, C., Stow, D.A.V., Williams, T. , Lofi, J., et al.
Article in science journal	10.1016/j.gloplacha.2016.06.016	Virtual special issue on IODP Expedition 339: the Mediterranean outflow.	<i>Global and Planetary Change</i>	Published	2016	Hodell, D.A., Hernández-Molina, F.J., Stow, D.A.V., and Alvarez-Zarikian, C.

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Article in science journal	10.1016/j.dsr2.2014.03.011	Mineralogical, geochemical and isotopic characterization of authigenic carbonates from the methane-bearing sediments of the Bering Sea continental margin (IODP Expedition 323, Sites U1343–U1345)	<i>Deep-Sea Research, Part II</i>	Published	2016	Pierre, C., Blanc Valleron, M., Caquineau, S., März, C., Ravelo, A.C., Takahashi, K., and Alvarez Zarikian, C.
Article in science journal	10.1016/j.margeo.2015.09.009	Reworked tsunami deposits by bottom currents: circumstantial evidences from late Pleistocene to early Holocene in the Gulf of Cádiz	<i>Marine Geology</i>	Published	2016	Takashimizu, Y., Kawamura, R., Rodríguez-Tovar, F.J., Dorador, J., Ducassou, E., Hernández-Molina, F.J., Stow, D.A.V., and Alvarez-Zarikian, C.A.
Article in science journal	10.1016/j.jmarsys.2017.01.005	Coccolithophore and benthic foraminifera distribution patterns in the Gulf of Cadiz and Western Iberian Margin during Integrated Ocean	<i>Journal of Marine Systems</i>	Published	2017	Balestra, B., Grunert, P., Ausin, B., Hodell, D., Flores, J.-A., Alvarez-Zarikian, C.A. , Hernandez-Molina, F.J., et al.
Article in science journal	10.1080/00206814.2017.1292469	The missing half of the subduction factory: shipboard results from the Izu rear arc, IODP Expedition 350	<i>International Geology Review</i>	Published	2017	Busby, C.J., Tamura, Y., Blum, P. , Guèrin, G., Andrews, G.D.M., Barker, A.K., et al.
Article in science journal	10.1002/2017GL072977	Indonesian Throughflow drove Australian climate from humid Pliocene to arid Pleistocene	<i>Geophysical Research Letters</i>	Published	2017	Christensen, B.A., Renema, W., Henderiks, J., De Vleeschouwer, D., Groeneveld, J., Castañeda, I.S., Reuning, L., et al. (including K. Bogus)
Article in science journal	10.1002/2017GL072977	Indonesian Throughflow drove Australian climate from humid Pliocene to arid Pleistocene	<i>Geophysical Research Letters</i>	Published	2017	Christensen, B.A., Renema, W., Henderiks, J., De Vleeschouwer, D., Groeneveld, J., Castañeda, I.S., Reuning, L., Bogus, K. , et al.
Article in science journal	10.1016/j.chemgeo.2017.06.011	Glacial erosion of East Antarctica in the Pliocene: a comparative study of multiple marine sediment provenance tracers	<i>Chemical Geology</i>	Published	2017	Cook, C.P., Hemming, S.R., van de Fliedert, T., Pierce Davis, E.L., Williams, T. , and Lopez Galindo, A.
Article in science journal	10.1002/2016GC006715	Quantifying K, U, and Th contents of marine sediments using shipboard natural gamma radiation spectra measured on DV JOIDES Resolution .	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2017	De Vleeschouwer, D., Dunlea, A.G., Auer, G., Anderson, C.H., Brumsack, H., de Loach, A., Gurnis, M., et al. (including K. Bogus)

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Article in science journal	10.1016/j.palaeo.2017.02.009	Benthic foraminifera-based reconstruction of the first Mediterranean-Atlantic exchange in the early Pliocene Gulf of Cadiz.	<i>Palaeogeography, Palaeoclimatology, Palaeoecology</i>	Published	2017	García-Gallardo, Á., Grunert, P., Van der Schee, M., Sierro, F.J., Jiménez-Espejo, F.J., Alvarez Zarikian, C.A. , and Piller, W.E.
Article in science journal	10.1126/sciadv.1602567	Australian shelf sediments reveal shifts in Miocene Southern Hemisphere westerlies	<i>Science Advances</i>	Published	2017	Groeneveld, J., Henderiks, J., Renema, W., McHugh, C.M., De Vleeschouwer, D., Christensen, B.A., Fulthorpe, C.S., et al. (including K. Bogus)
Article in science journal	10.1016/j.gloplacha.2016.11.004	Benthic foraminiferal assemblages and bottom water evolution off the Portuguese margin since the middle Pleistocene	<i>Global and Planetary Change</i>	Published	2017	Guo, G., Li, B., Kim, J.-K., and IODP Expedition 339 Scientists (including C.A. Alvarez-Zarikian)
Article in science journal	10.1126/science.aal3429	Release of mineral-bound water prior to subduction tied to shallow seismogenic slip off Sumatra	<i>Science</i>	Published	2017	Hüpers, A., Torres, M.E., Owari, S., McNeill, L.C., Dugan, B., Henstock, T.J., Milliken, K.L., Petronotis, K.E. , et al.
Article in science journal	10.1007/s12303-016-0037-6	Late Neogene sediment properties in the Wilkes Land continental rise (IODP Exp. 318 Hole U1359A), East	<i>Geosciences Journal</i>	Published	2017	Khim, B.-K., Song, B., Cho, H.G., Williams, T. , and Escutia, C.
Article in science journal	10.1016/j.margeo.2017.11.009	Preface: evolution of the deep South China Sea: integrated IODP Expedition 349 results	<i>Marine Geology</i>	Published	2017	Liu, Z., Li, C.-F., and Kulhanek, D.
Science journal special issue		Evolution of the Deep South China Sea: Integrated IODP Expedition 349 Results	<i>Marine Geology</i>	Published	2017	Liu, Z., Li, C.-F., and Kulhanek, D. (Eds.)
Article in science journal	10.1130/GES01569.1	The sedimentary imprint of Pleistocene glacio-eustasy: Implications for global correlations of seismic sequences	<i>Geosphere</i>	Published	2017	McHugh, C.M., Fulthorpe, C.S., Hoyanagi, K., Blum, P. , Mountain, G.S., and Miller, K.G.
Article in science journal	10.1016/j.epsl.2017.07.019	Understanding Himalayan erosion and the significance of the Nicobar Fan	<i>Earth and Planetary Science Letters</i>	Published	2017	McNeill, L.C., Dugan, B., Backman, J., Pickering, K.T., Pouderoux, H.F.A., Henstock, T.J., Petronotis, K.E. , et al.
Article in science journal	10.1111/jpy.12582	First record of resting cysts of the benthic dinoflagellate <i>Prorocentrum leve</i> in a natural reservoir in Gujan-Mestras, Gironde, France	<i>Journal of Phycology</i>	Published	2017	Mertens, K.N., Gu, H., Pospelova, V., Chomérat, N., Nézan, E., Gurdebeke, P.R., Bogus, K. , Vrielinck, H., Rumebe, M., and Meteigner, C.

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Article in science journal	10.1016/j.epsl.2017.08.011	Evidence for a dynamic East Antarctic ice sheet during the mid-Miocene climate transition	<i>Earth and Planetary Science Letters</i>	Published	2017	Pierce, E.L., van de Fliedert, T., Williams, T. , Hemming, S.R., Cook, C.P., and Passchier, S.
Article in science journal	10.1080/00206814.2016.1276482	Subduction initiation and ophiolite crust: new insights from IODP drilling	<i>International Geology Review</i>	Published	2017	Reagan, M.K., Pearce, J.A., Petronotis, K. , Almeev, R., Avery, A.A., Carvallo, C., Chapman, T., et al.
Article in science journal	10.1016/j.chemgeo.2017.01.007	Application of a handheld X-ray fluorescence spectrometer for real-time, high-density quantitative analysis of drilled igneous rocks and sediments during IODP Expedition 352.	<i>Chemical Geology</i>	Published	2017	Ryan, J.G., Shervais, J.W., Li, Y., Reagan, M.K., Li, H.Y., Heaton, D., Godard, M., et al. (including K. Petronotis)
Article in science journal	10.1038/srep43056	First evidence of denitrification vis-à-vis monsoon in the Arabian Sea since Late Miocene	<i>Scientific Reports</i>	Published	2017	Tripathi, S., Tiwari, M., Lee, J., Khim, B.-K., and IODP Expedition 355 Scientists (including D.K. Kulhanek)
Article in science journal	10.1127/nos/2017/0398	Late Maastrichtian carbon isotope stratigraphy and cyclostratigraphy of the Newfoundland Margin (Site U1403, IODP Leg 342)	<i>Newsletters on Stratigraphy</i>	Published	2018	Batenburg, S.J., Friedrich, O., Moriya, K., Voigt, S., Cournède, C., Moebius, I., Blum, P. , et al.
Article in science journal	10.1186/s40645-018-0165-x	Refinement of Miocene sea level and monsoon events from the sedimentary archive of the Maldives (Indian Ocean)	<i>Progress in Earth and Planetary Science</i>	Published	2018	Betzler, C., Eberli, G.P., Lüdmann, T., Reolid, J., Kroon, D., Reijmer, J.J.G., Swart, P.K., et al. (including C. Alvarez-Zarikian)
Article in science journal	10.1017/S0016756818000857	Long-term history of sediment inputs to the eastern Arabian Sea and its implications for the evolution of the Indian summer monsoon since 3.7	<i>Geological Magazine</i>	Published	2018	Cai, M., Xu Z., Clift, P.D., Khim, B.-K., Lim, D., Yu, Z., Kulhanek, D.K. , and Li, T.
Article in science journal	10.1016/j.quascirev.2018.05.027	Insolation forcing of coccolithophore productivity in the North Atlantic during the Middle Pleistocene	<i>Quaternary Science Reviews</i>	Published	2018	Cavaleiro, C., Voelker, A.H.L., Stoll, H., Baumann, K.-H., Kulhanek, D.K. , Naafs, B.D.A., Stein, R., Grützner, J., Ventura, C., and Kucera, M.
Article in science journal	10.1016/j.epsl.2018.07.035	The amplifying effect of Indonesian Throughflow heat transport on late Pliocene Southern Hemisphere climate cooling	<i>Earth and Planetary Science Letters</i>	Published	2018	De Vleeschouwer, D., Auer, G., Smith, R., Bogus, K. , Christensen, B., Groeneveld, J., Petrick, B., et al.

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	10.1016/j.quascirev.2018.09.028	The enigma of rare Quaternary oolites in the Indian and Pacific Oceans: a result of global oceanographic physicochemical conditions or a sampling bias?	<i>Quaternary Science Reviews</i>	Published	2018	Gallagher, S.J., Reuning, L., Himmler, T., Henderiks, J., De Vleeschouwer, D., Groeneveld, J., Lari, A.R., Fulthorpe, C.S., and Bogus, K.
Article in science journal	10.1029/2018PA003331	East Asian Monsoon History and Paleoceanography of the Japan Sea Over the Last 460,000 Years	<i>Paleoceanography and Paleoclimatology</i>	Published	2018	Gallagher, S.J., Sagawa, T., Henderson, A.C.G., Saavedra-Pellitero, M., De Vleeschouwer, D., Black, H., Itaki, T., et al. (including C.A. Alvarez-Zarikian)
Article in science journal	10.1029/2018PA003343	Benthic biotic response to climate changes over the last 700,000 years in a deep marginal sea: impacts of deoxygenation and the Mid-Brunhes Event	<i>Paleoceanography and Paleoclimatology</i>	Published	2018	Huang, H.H.M., Yasuhara, M., Iwatani, H., Alvarez Zarikian, C.A. , Bassetti, M.A., and Sagawa, T.
Article in science journal	10.1029/2017PA003309	Neodymium evidence for increased Circumpolar Deep Water flow to the North Pacific during the Middle Miocene Climate Transition	<i>Paleoceanography and Paleoclimatology</i>	Published	2018	Kender, S., Bogus, K.A. , Cobb, T.D. , and Thomas, D.J.
Article in science journal	10.1186/s40645-018-0238-x	A two million year record of low-latitude aridity linked to continental weathering from the Maldives	<i>Progress in Earth and Planetary Science</i>	Published	2018	Kunkelová, T., Jung, S.J.A., de Leau, E.S., Odling, N., Thomas, A.L., Betzler, C., Eberli, G.P., et al. (including C.A. Alvarez-Zarikian)
Article in science journal	10.1002/2017GC007100	Tephrostratigraphy and provenance from IODP Expedition 352, Izu-Bonin arc: tracing tephra sources and volumes from the Oligocene to the Recent	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2018	Kutterolf, S., Schindlbeck, J.C., Robertson, A., Avery, A., Baxter, A., Petronotis, K.E. , and Wang, K.-L.
Article in science journal	10.1038/s41561-018-0198-1	Rapid transition from continental breakup to igneous oceanic crust in the South China Sea	<i>Nature Geoscience</i>	Published	2018	Larsen, H.C., Mohn, G., Nirrengarten, M., Sun, Z., Stock, J., Jian, Z., Klaus, A. , et al. (including C.A. Alvarez-Zarikian and T.W. Höfig)
Article in science journal	10.1038/s41598-018-29243-7	Paleomagnetism of IODP Site U1380: implications for the forearc deformation in the Costa Rican Erosive Convergent Margin	<i>Scientific Reports</i>	Published	2018	Li, Y.-X., Zhao, X., Xie, S., Jovane, L., and Petronotis, K.

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Article in science journal	10.1016/j.margeo.2018.04.011	Carbonate delta drift: a new sediment drift type	<i>Marine Geology</i>	Published	2018	Lüdmann, T., Betzler, C., Eberli, G.P., Reolid, J., Reijmer, J.J.G., Sloss, C.R., Bialik, O.M., et al. (including C.A. Alvarez Zarikian)
Article in science journal	10.1016/j.margeo.2018.10.005	Corrigendum to "Carbonate delta drift: a new sediment drift type" [Mar. Geol. 401 (2018) 98–111]	<i>Marine Geology</i>	Published	2018	Lüdmann, T., Betzler, C., Eberli, G.P., Reolid, J., Reijmer, J.J.G., Sloss, C.R., Bialik, O.M., et al. (including C.A. Alvarez-Zarikian)
Article in science journal	10.3390/min8120583	Occurrence of felsic rocks in oceanic gabbros from IODP Hole U1473A: implications for evolved melt migration in the lower oceanic crust	<i>Minerals</i>	Published	2018	Nguyen, D.K., Morishita, T., Soda, Y., Tamura, A., Ghosh, B., Harigane, Y., France, L., et al. (including P. Blum)
News article	10.1017/S0016756818000833	Flexural subsidence analysis of the Laxmi Basin, Arabian Sea and its tectonic implications	<i>Geological Magazine</i>	Published	2018	Pandey, D.K., Pandey, A., Clift, P.D., Nair, N., Ramesh, P., Kulhanek, D.K. , and Yadav, R.
Article in science journal	10.5194/jm-37-97-2018	A deep-sea agglutinated foraminifer tube constructed with planktonic foraminifer shells of a single species	<i>Journal of Micropaleontology</i>	Published	2018	Pearson, P.N., and the IODP Expedition 363 Shipboard Scientific Party (including D.K. Kulhanek)
Article in science journal	10.1080/00206814.2017.1393634	Role of late Oligocene-Recent deep-sea hemipelagic and tuffaceous sediments overlying oceanic crust of the Izu-Bonin Forearc, NW Pacific (IODP Expedition 352) in the tectonic development of the NW Pacific region	<i>International Geology Review</i>	Published	2018	Robertson, A.H.F., Kutterolf, S., Avery, A., Baxter, A.T., Petronotis, K.E. , Acton, G.D. , Carvallo, C., and Schindlbeck, J.C.
Article in science journal	10.1038/s41467-017-02609-7	Southern Ocean warming and Wilkes Land ice sheet retreat during the mid-Miocene	<i>Nature Communications</i>	Published	2018	Sangiorgi, F., Bijl, P.K., Passchier, S., Salzmann, U., Schouten, S., McKay, R., Cody, R.D., et al. (including T. Williams)
Article in science journal	10.1186/s40645-018-0167-8	High-resolution and high-precision correlation of dark and light layers in the Quaternary hemipelagic sediments of the Japan Sea recovered during IODP Expedition 346	<i>Progress in Earth and Planetary Science</i>	Published	2018	Tada, R., Irino, T., Ikehara, K., Karasuda, A., Sugisaki, S., Xuan, C., Sagawa, T., et al. (including C. Alvarez-Zarikian)

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Article in science journal	10.1016/j.palaeo.2018.05.043	The last 1 million years of the extinct genus <i>Discoaster</i> : Plio–Pleistocene environment and productivity at Site U1476 (Mozambique Channel)	<i>Palaeogeography, Palaeoclimatology, Palaeoecology</i>	Published	2018	Tangunan, D.N., Baumann, K.-H., Just, J., LeVay, L.J. , Barker, S., Brentegani, L., De Vleeschouwer, D., et al.,
Article in science journal	10.1130/GES01635.1	Multivariate modeling of glacial marine lithostratigraphy combining scanning XRF, multisensory core properties, and CT imagery: IODP Site U1419	<i>Geosphere</i>	published	2018	Penkrot, M.L., Jaeger, J.M., Cowan, E.A., St-Onge, G., and LeVay, L.
	10.1016/j.margeo.2019.05.013	Climate, sea level and tectonic controls on sediment discharge from the Sepik River, Papua New Guinea during the mid- to late Pleistocene.	<i>Marine Geology</i>	Published	2019	Aiello, I.W., Bova, S.C., Holbourn, A.E., Kulhanek, D.K. , Ravelo, A.C., and Rosenthal, Y.
Article in science journal	10.1016/j.palaeo.2019.109376	Sea-surface temperature, productivity and hydrological changes in the Northern Indian Ocean (Maldives) during the interval ~575-175 ka (MIS 14 to 7)	<i>Palaeogeography, Palaeoclimatology, Palaeoecology</i>	Published	2019	Alonso-Garcia, M., Rodrigues, T., Abrantes, F., Padilha, M., Alvarez-Zarikian, C.A. , Kunkelova, T., Wright, J.D., and Betzler, C.,
Article in science journal	10.1029/2018PA003512	Timing and pacing of Indonesian Throughflow restriction and its connection to Late Pliocene climate shifts	<i>Paleoceanography and Paleoclimatology</i>	Published	2019	Auer, G., De Vleeschouwer, D., Smith, R.A., Bogus, K. , Groneveld, J., Grunert, P., Castañeda, I.S., et al.
Article in science journal	10.1016/j.tecto.2019.02.006	Temperature-dependent frictional properties of heterogeneous Hikurangi Subduction Zone input sediments, ODP Site 1124	<i>Tectonophysics</i>	Published	2019	Boulton, C., Niemeijer, A.R., Hollis, C.J., Townend, J., Raven, M.D., Kulhanek, D.K. , and Shepherd, C.L.,
Article in science journal	10.1029/2018GC008157	Depositional history and Indian summer monsoon controls on the silicate weathering of sediment transported to the eastern Arabian Sea: geochemical records from IODP Site U1456 since 3.8 Ma	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2019	Cai, M., Xu, Z., Clift, P.D., Lim, D., Khim, B.-K., Yu, Z., Kulhanek, D.K. , Li, T., Chen, H., and Sun, R

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Article in science journal	10.1017/S0016756819000608	Chemical weathering and erosion responses to changing monsoon climate in the late Miocene of Southwest Asia	<i>Geological Magazine</i>	Published	2019	Clift, P.D., Kulhanek, D.K. , Zhou, P., Bowen, M.G., Vincent, S.M., Lyle, M., and Hahn, A.
Article in science journal	10.1130/B35158.1	Large-scale mass wasting on the Miocene continental margin of western India	<i>Geological Society of America Bulletin</i>	Published	2019	Dailey, S.K., Clift, P.D., Kulhanek, D.K. , Blusztajn, J., Routledge, C.M., Calves, G., O'Sullivan, P., et al.
Article in science journal	10.1130/G46047.1	Critical role of caldera collapse in the formation of seafloor mineralization: The case of Brothers volcano.	<i>Geology</i>	Published	2019	de Ronde, C.E.J., Humphris, S.E., Höfig, T.W. , Reyes, A.G., and the IODP Expedition 376 Scientists
Article in science journal	10.1029/2018JB016858	Dynamic accretion beneath a slow-spreading ridge segment: IODP Hole 1473A and the Atlantis Bank	<i>Journal of Geophysical Research: Solid Earth</i>	Published	2019	Dick, H. J. B., MacLeod, C. J., Blum, P. , Abe, N., Blackman, D. K., Bowles, J. A., Cheadle M. J., et al.
Article in science journal	10.1038/s41467-019-13216-z	Abiotic synthesis of graphite in hydrothermal vents	<i>Nature Communications</i>	Published	2019	Estes, E.R. , Berti, D., Coffey, N.R., Hochella Jr., M.F., Wozniak, A.W., and Luther III, G.W.
Article in science journal	10.1130/G46367.1	Mixed deformation styles observed on a shallow subduction thrust, Hikurangi margin, New Zealand	<i>Geology</i>	Published	2019	Fagereng, A., Savage, H.M., Morgan, J.K., Wang, M., Meneghini, F., Barnes, P.M., Bell, R., et al. (including K. Petronotis and L. LeVay)
Article in science journal	10.1038/s41467-019-09580-5	Iron and sulfide nanoparticle formation and transport in nascent hydrothermal vent plumes	<i>Nature</i>	Published	2019	Findlay, A.J., Estes, E.R. , Gartman, A., Yücel, M., Kamysny, A., Jr., and Luther, G.W., III
Article in science journal	10.1029/2019JB017793	Imaging the shallow subsurface structure of the North Hikurangi Subduction Zone, New Zealand, using 2-D fullwaveform inversion	<i>Journal of Geophysical Research: Solid Earth</i>	Published	2019	Gray, M., Bell, R.E., Morgan, J.V., Henrys, S., Barker, D.H.N., and the IODP Expedition 372 and 375 Science Parties (including K. Petronotis and L. LeVay)
Article in science journal	10.1029/2018GC007668	A New Seismic Stratigraphy in the Indian-Atlantic Ocean Gateway Resembles Major Paleo-Oceanographic Changes of the Last 7 Ma	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2019	Gruetzner, J., Jimenez Espejo, F.J., Lathika, N., Uenzelmann-Neben, G., Hall, I.R., Hemming, S.R., LeVay, L.J. , and the Expedition 361 Scientists
Article in science journal	10.1017/S0016756819000189	Testing the analytical performance of handheld XRF using marine sediments of IODP Expedition 355	<i>Geological Magazine</i>	Published	2019	Hahn, A., Bowen, M.G., Clift, P.D., Kulhanek, D.K. , and Lyle, M.W.

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Article in science journal	10.1029/2018JB016865	Miocene glacial dynamics recorded by variations in magnetic properties in the ANDRILL-2A drill core	<i>Journal of Geophysical Research: Solid Earth</i>	Published	2019	Jovane, L., Florindo, F., Acton, G. , Ohneiser, C., Sagnotti, L., Strada, E., Verosub, K.L., et al.
Article in science journal	10.1017/S0016756818000870	Variations in $\delta^{13}C$ values of sedimentary organic matter since late Miocene time in the Indus Fan (IODP Site 1457) of the eastern Arabian Sea	<i>Geological Magazine</i>	Published	2019	Khim, B.-K., Lee, J., Ha, S., Park, J., Pandey, D.K., Clift, P.D., Kulhanek, D.K. , et al.
Article in science journal	10.1016/j.gloplacha.2019.04.002	Revised chronostratigraphy of DSDP Site 270 and late Oligocene to early Miocene paleoecology of the Ross Sea sector of Antarctica	<i>Global and Planetary Change</i>	Published	2019	Kulhanek, D.K. , Levy, R.H., Clowes, C.D., Prebble, J.G., Rodelli, D., Jovane, L., Morgans, H.E.G., et al.
Article in science journal	10.1017/S0016756819000396	A late Pleistocene sedimentation in the Indus Fan, Arabian Sea, IODP Site U1457	<i>Geological Magazine</i>	Published	2019	Kumar, A., Dutt, S., Saraswat, R., Gupta, A.K., Clift, P.D., Pandey, D.K., Yu, Z., and Kulhanek, D.K.
Article in science journal	10.1016/j.palaeo.2019.109283	Magnetic properties of early Pliocene sediments from IODP Site U1467 (Maldives platform) reveal changes in the monsoon system	<i>Palaeogeography, Palaeoclimatology, Palaeoecology</i>	Published	2019	Lanci, L., Zanella, E., Jovane, L., Galeotti, S., Alonso-Garcia, M., Alvarez-Zarikian, C.A. , Bejugam, N.N., et al.
Article in science journal	10.1016/j.dib.2019.104666	Dataset of characteristic remanent magnetization and magnetic properties of early Pliocene sediments from IODP Site U1467 (Maldives platform)	<i>Data in Brief</i>	Published	2019	Lanci, L., Zanella, E., Jovane, L., Galeotti, S., Alonso-García, M., Alvarez-Zarikian, C.A. , Bejugam, N.N., et al.
Chapter in book series	10.1002/9781119500513.ch17	Submarine landslides around volcanic islands	<i>Geophysical Monograph</i>	in press	2019	Le Friant, A., Lebas, E., Brunet, M., Lafuerza, S., Hornbach, M., Coussens, M., Watt, S., Cassidy, M., Talling, P.J., and the IODP 340 Expedition Science Party (including A. Klaus)
Article in science journal	10.1038/s41561-018-0284-4	Antarctic ice-sheet sensitivity to obliquity forcing enhanced through ocean connections	<i>Nature Geoscience</i>	Published	2019	Levy, R.H., Meyers, S.R., Naish, T.R., Golledge, N.R., McKay, R.M., Crampton, J.S., DeConto, R.M., et al. (including D.K. Kulhanek)

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Article in science journal	10.1016/j.epsl.2019.06.009	Nd isotopic structure of the Pacific Ocean 40–10 Ma, and evidence for the reorganization of deep North Pacific Ocean circulation between 36 and 25 Ma	<i>Earth and Planetary Science Letters</i>	Published	2019	McKinley, C.C., Thomas, D.J., LeVay, L.J. , and Rolewicz, Z.
Article in science journal	10.1029/2019JB018265	Rheology and biostratigraphy of the Mariana serpentine muds unravel mud volcano evolution	<i>Journal of Geophysical Research: Solid Earth</i>	Published	2019	Menapace, W., Tanguan, D., Maas, M., Williams, T. , and Kopf, A.
Article in science journal	10.1017/S0016756819000104	A revised chronostratigraphic framework for International Ocean Discovery Program Expedition 355 sites in Laxmi Basin, eastern Arabian Sea	<i>Geological Magazine</i>	Published	2019	Routledge, C.M., Kulhanek, D.K. , Tauxe, L., Scardia, G., Singh, A.D., Steinke, S., Griffith, E.M., and Saraswat, R.
Article in science journal	10.1017/S0016756819001122	Inconsistent change in surface hydrography of the eastern Arabian Sea during the last four glacial-interglacial intervals	<i>Geological Magazine</i>	Published	2019	Saraswat, R., Kurtarkar, S.R., Yadav, R., Mackensen, A., Singh, D.P., Bhadra, S., Singh, A.D., et al. (including D.K. Kulhanek)
Article in science journal	10.1029/2019GC008603	Sedimentation controls on methane-hydrate dynamics across glacial/interglacial stages: an example from International Ocean Discovery Program Site U1517, Hikurangi Margin	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2019	Screaton, E., Torres, M., Dugan, B., Heeschen, K., Mountjoy, J.J., Rose, P., Pecher, I., Barnes, P., LeVay, L. , and the Expedition 372 Science Party
Article in science journal	10.1126/sciadv.aaw4108	Archaea dominate oxic seafloor communities over multimillion-year time scales	<i>Science Advances</i>	Published	2019	Vuillemin, A., Wankel, S.D., Coskun, Ö.K., Magritsch, T., Vargas, S., Estes, E.R. , Spivack, A.J., et al.
Article in science journal	10.1080/08120099.2019.1627581	Evidence for non-marine Jurassic to earliest Cretaceous sediments in the pre-breakup section of the Mentelle Basin, southwestern Australia	<i>Australian Journal of Earth Sciences</i>	Published	2019	Wainman, C., Borissova, I., Harry, D.L., Hobbs, R.W., Mantle, D.J., Maritati, A., Lee, E.Y., and the Expedition 369 Scientists (including K. Bogus)
Article in science journal	10.1071/AJ18136	New insights on Upper Cretaceous stratigraphy and sedimentology of the Bight Basin, Australia from IODP Site U1512	<i>The APPEA Journal</i>	Published	2019	Wainman, C., McCabe, P., Holford, S., and the IODP Expedition 369 Scientific Party (including K. Bogus)

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Article in science journal	10.1029/2019GC008721	Anisotropy of magnetic susceptibility (AMS) of sediments from Holes U1480E and U1480H, IODP Expedition 362: sedimentary or artificial origin and implications for paleomagnetic studies	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2019	Yang, T., Zhao, X., Petronotis, K. , Dekkers, M.J., and Xu, H.
Article in science journal	10.1016/j.quascirev.2018.12.006	Sea level-controlled sediment transport to the eastern Arabian Sea over the past 600 kyr: clay minerals and Sr–Nd isotopic evidence from IODP Site U1457	<i>Quaternary Science Reviews</i>	Published	2019	Yu, Z., Colin, C., Wan, S., Saraswat, R., Song, L., Xu, Z., Clift, P., et al. (including D. Kulhanek)
Article in science journal	10.1016/j.margeo.2019.105986	Deep sulfate-methane-transition and sediment diagenesis in the Gulf of Alaska (IODP Site U1417)	<i>Marine Geology</i>	Published	2019	Zindorf, M., März, C., Wagner, T., Gulick, S.P.S., Strauss, H., Benowitz, J., Jaeger, J., et al. (including L. LeVay)
Article in science journal	10.1126/science.aay5055	On impact and volcanism across the Cretaceous–Paleogene boundary	<i>Science</i>	Published	2020	Hull, P.M., Bornemann, A., Penman, D.E., Henehan, M.J., Norris, R.D., Wilson, P.A., Blum, P. , et al.
Article in science journal	10.1016/j.epsl.2019.115865	A lower to middle Eocene astrochronology for the Mentelle Basin (Australia) and its implications for the geologic time scale	<i>Earth and Planetary Science Letters</i>	published	2020	Vahlenkamp, M., De Vleeschouwer, D., Batenburg, S.J., Edgar, K.M., Hanson, E., Martinez, M., Pälike, H., et al. (including K.Bogus)
Article in science journal	10.1126/sciadv.aay3314	Slow slip source characterized by lithological and geometric heterogeneity	<i>Science Advances</i>	Published	2020	Barnes, P.M., Wallace, L.M., Saffer, D.M., Bell, R.E., Underwood, M.B., Fagereng, A., Meneghini, F., et al. (including K.E. Petronotis and L.J. LeVay)
	10.1017/S0016756820000461	Climate–tectonic interactions in the eastern Arabian Sea	<i>Geological Magazine</i>	Published	2020	Clift, P.D., Pandey, D.K., and Kulhanek, D.K.
Article in science journal	10.1130/B35158.1	Large-scale mass wasting on the Miocene continental margin of western India	<i>GSA Bulletin</i>	Published	2020	Dailey, S.K., Clift, P.D., Kulhanek, D.K. , Bulsztajn, J., Routledge, C.M., Calves, G., O’Sullivan, P., et al.
Article in science journal	https://scholar.smu.edu/datasciencereview/vol2/iss3/9	Machine learning and deep learning applications for International Ocean Discovery Program geoscience research	<i>SMU Data Science Review</i>	Published	2020	De La Houssaye, B., Flaming, P., Nixon, Q., and Acton, G.

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Article in science journal	10.1098/rsta.2018.0425	Mariana serpentinite mud volcanism exhumes subducted seamount materials: implications for the origin of life	<i>Philosophical Transactions of the Royal Society, A:</i>	Published	2020	Fryer, P., Wheat, C.G., Williams, T. , Kelley, C., Johnson, K., Ryan, J., Kurz, W., et al.
Article in science journal	10.1017/S0016756819000189	Testing the analytical performance of handheld XRF using marine sediments of IODP Expedition 355	<i>Geological Magazine</i>	Published	2020	Hahn, A., Bowen, M.G., Clift, P.D., Kulhanek, D.K. , and Lyle, M.W.
Article in science journal	10.1126/science.aay5055	On impact and volcanism across the Cretaceous–Paleogene boundary	<i>Science</i>	Published	2020	Hull, P.M., Bornemann, A., Penman, D.E., Henehan, M.J., Norris, R.D., Wilson, P.A., Blum, P. , et al.
Article in science journal	10.1017/S0016756818000870	Variations in $\delta^{13}\text{C}$ values of sedimentary organic matter since late Miocene time in the Indus Fan (IODP Site 1457) of the eastern Arabian Sea	<i>Geological Magazine</i>	Published	2020	Khim, B.-K., Lee, J., Ha, S., Park, J.K., Pandey, D.K., Clift, P.D., Kulhanek, D.K. , et al.
Article in science journal	10.1016/j.earscirev.2020.103146	The fate of organic carbon in marine sediments—new insights from recent data and analysis	<i>Earth-Science Reviews</i>	Published	2020	LaRowe, D.E., Arndt, S., Bradley, J.A., Estes, E.R. , Hoarfrost, A., Lang, S.Q., Lloyd, K.G., et al.
Article in science journal	10.1017/S0016756820000291	Phased evolution and variation of the South Asian monsoon, and resulting weathering and surface erosion in the Himalaya–Karakoram Mountains, since late Pliocene time using data from Arabian Sea core	<i>Geological Magazine</i>	Published	2020	Lu, H., Liu, R., Cheng, L., Feng, H., Zhang, H., Wang, Y., Hu, R., et al. (including D.K. Kulhanek)
Article in science journal	10.5194/sd-27-49-2020	Late Miocene wood recovered in Bengal-Nicobar submarine fan sediments by IODP Expedition 362	<i>Scientific Drilling</i>	Published	2020	McNeill, L., Dugan, B., Petronotis, K. , Milliken, K., Francis, J., and the Expedition 362 Scientists
Article in science journal	10.1017/S0016756818000833	Flexural subsidence analysis of the Laxmi Basin, Arabian Sea and its tectonic implications	<i>Geological Magazine</i>	Published	2020	Pandey, D.K., Pandey, A., Clift, P.D., Ramesh, P., Kulhanek, D.K. , and Yadav, R.
Article in science journal	10.1017/S0016756819001122	Inconsistent change in surface hydrography of the eastern Arabian Sea during the last four glacial–interglacial intervals	<i>Geological Magazine</i>	Published	2020	Saraswat, R., Kurtarkar, S.R., Yadav, R., Mackensen, A., Singh, D.P., Bhadra, S., Singh, A.D., et al. (including D.K. Kulhanek)

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Article in science journal	10.1029/2020GC009005	Reply to comments by N. Sultan on "Sedimentation controls on methane-hydrate dynamics across glacial/interglacial stages: an example from International Ocean Discovery Program Site U1517, Hikurangi Margin."	<i>Geochemistry, Geophysics, Geosystems</i>	Published	2020	Screaton, E.J., Torres, M.E., Heeschen, K.U., Mountjoy, J.J., Ayres, C., Rose, P.S., Pecher, I.A., Barnes, P.M., and LeVay, L.J.