

Hugh C. Jenkyns – Publications
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1. Jenkyns, H.C. (1967). Fossil manganese nodules from Sicily. *Nature, Lond.*, 216, 673–674.
2. Jenkyns, H.C. (1970). Growth and disintegration of a carbonate platform. *Neues Jb. Geol. Paläont., Mh.*, 1970, 325–344.
3. Jenkyns, H.C. (1970). Submarine volcanism and the Toarcian iron pisolites of western Sicily. *Eclog. Geol. Helv.*, 63, 741–774.
4. Jenkyns, H.C. (1970). Fossil manganese nodules from the west Sicilian Jurassic. *Eclog. Geol. Helv.*, 63, 741–774.
5. Jenkyns, H.C. (1970). The Jurassic of western Sicily. In: W. Alvarez and K.H.A. Gohrbandt, Editors, *Geology and History of Sicily*, Petroleum Exploration Society of Libya, Tripoli, 245–254.
6. Bernoulli, D. and Jenkyns, H.C. (1970). A Jurassic basin: the Glasenbach Gorge, Salzburg, Austria. *Verh. Geol. Bundesanstalt Wien*, 1970, 304–331.
7. Hudson, J.D. and Jenkyns, H.C. (1970). Conglomerates in the Adnet Limestone of Adnet (Austria) and the origin of the ‘Scheck’. *Neues Jb. Geol. Paläont., Mh.*, 1969, 552–558.
8. Jenkyns, H.C. (1971). Speculations on the genesis of crinoidal limestones in the Tethyan Jurassic. *Geol. Rundschau*, 60, 471–488.
9. Jenkyns, H.C. (1971). The genesis of condensed sequences in the Tethyan Jurassic. *Lethaia*, 4, 327–352.
10. Jenkyns, H.C. and Torrens, H.S. (1971). Palaeogeographic evolution of Jurassic seamounts in western Sicily. In: E. Vegh-Neubrandt, Editor, *Colloque du Jurassique méditerranéen Ann. Inst. Geol. Publ. Hung.*, 54/2, 91–104.
11. Jenkyns, H.C. (1972). Pelagic “oolites” from the Tethyan Jurassic. *J. Geol.*, 80, 21–33.
12. Gatrall, M., Jenkyns, H.C. and Parsons, C.F. (1972). Limonitic concretions from the European Jurassic with particular reference to the “Snuff-Boxes” of Southern England. *Sedimentol.*, 18, 79–103.
13. Jenkyns, H.C. (1974). Origin of red nodular limestones (Ammonitico Rosso, Knollenkalke) in the Mediterranean Jurassic: a diagenetic model. In: K.J. Hsü and H.C. Jenkyns, Editors, *Pelagic Sediments: on Land and under the Sea*, Spec. Publ. int. Ass. Sediment., 1, 249–271.
14. Bernoulli, D. and Jenkyns, H.C. (1974). Alpine, Mediterranean and Central Atlantic Mesozoic facies in relation to the early evolution of the Tethys. In: R.H. Dott and R.H. Shaver, Editors, *Modern and Ancient Geosynclinal Sedimentation, a Symposium*, Spec. Publ. Soc. econ. Paleont. Miner., 19, 129–160.
15. Jenkyns, H.C. and Hsü, K.J. (1974). Pelagic Sediments: on Land and under the Sea. An introduction. In: K.J. Hsü and H.C. Jenkyns, Editors, *Pelagic Sediments: on Land and under the Sea*, Spec. Publ. int. Ass. Sediment., 1, 1–10.
16. With the scientific staff of DSDP leg 33 (1974). Testing a hot-spot theory. *Geotimes*, 19(3), 16–20.
17. With the scientific staff of DSDP leg 33 (1974). Initial core descriptions, DSDP leg 33, US National Science Foundation, 94 pp.
18. Palmer, T.J. and Jenkyns, H.C. (1975). A carbonate barrier island from the Great Oolite (Middle Jurassic) of central England. *Sedimentol.*, 22, 123–135.
19. Sellwood, B.W. and Jenkyns, H.C. (1975). Palaeotectonic evolution of an epeiric sea (Lower Jurassic of Great Britain). In: Proc. 9th Int. Congr. Sediment., Nice, 1975, Theme 1, 6 pp.
20. Sellwood, B.W. and Jenkyns, H.C. (1975). Basins and swells and the evolution of an epeiric sea. *J. geol. Soc. Lond.*, 131, 373–388.

21. Jenkyns H.C. (1976). Sediments and sedimentary history of the Manihiki Plateau, South Pacific Ocean. In: S.O. Schlanger, E.D. Jackson et al., Initial Reports of the Deep Sea Drilling Project, 33, US Government Printing Office, 873–890.
22. Sellwood, B.W., Jenkyns, H.C. and Hudson, J.D. (1976). Discussion of basins and swells in the British Jurassic. *J. geol. Soc. Lond.*, 132, 227–232.
23. Jenkyns, H.C., Sellwood, B.W., Hudson, J.D. and Kent, P.E. (1976). Discussion of basins and structural highs in the British Jurassic. *J. geol. Soc. Lond.*, 132, 685–686.
24. Jenkyns, H.C. and Hardy, R.G. (1976). Iron-titanium-rich sediments from hole 315A (Line Islands, Central Pacific). In: S.O. Schlanger, E.D. Jackson et al., Initial Reports of the Deep Sea Drilling Project, 33, US Government Printing Office, 833–836.
25. Cook, H.E., Jenkyns, H.C. and Kelts, K.R. (1976). Redeposited sediments around the Line Islands, Equatorial Pacific. In: S.O. Schlanger, E.D. Jackson et al., Initial Reports of the Deep Sea Drilling Project, 33, US Government Printing Office, 837–847.
26. With the scientific staff of DSDP leg 33 (1976). Site 314. In: S.O. Schlanger, E.D. Jackson et al., Initial Reports of the Deep Sea Drilling Project, 33, US Government Printing Office, 25–35.
27. With the scientific staff of DSDP leg 33 (1976). Site 315. In: S.O. Schlanger, E.D. Jackson et al., Initial Reports of the Deep Sea Drilling Project, 33, US Government Printing Office, 37–104.
28. With the scientific staff of DSDP leg 33 (1976). Site 316. In: S.O. Schlanger, E.D. Jackson et al., Initial Reports of the Deep Sea Drilling Project, 33, US Government Printing Office, 105–159.
29. With the scientific staff of DSDP leg 33 (1976). Site 317. In: S.O. Schlanger, E.D. Jackson et al., Initial Reports of the Deep Sea Drilling Project, 33, US Government Printing Office, 161–300.
30. With the scientific staff of DSDP leg 33 (1976). Site 318. In: S.O. Schlanger, E.D. Jackson et al., Initial Reports of the Deep Sea Drilling Project, 33, US Government Printing Office, 301–356.
31. Schlanger, S.O. and Jenkyns, H.C. (1976). Cretaceous oceanic anoxic events: causes and consequences. *Geol. Mijnb.*, 55, 179–194.
32. Jenkyns, H.C. (1977). Fossil nodules. In: G.P. Glasby, Editor. *Marine manganese deposits*, Elsevier, Amsterdam, 87–108.
33. Jenkyns H.C. and Senior, J.R. (1977). A Liassic palaeo-fault from Dorset. *Geol. Mag.*, 114, 47–52.
34. With the scientific staff of DSDP leg 61 (1978) (Larson, R.L. and Schlanger, S.O. et al.). In the west central Pacific: volcanic complex found. *Geotimes*, 23 (12), 21–24.
35. Jenkyns, H.C. (1978). Pelagic environments. In: H.G. Reading, Editor. *Sedimentary Environments and Facies*, Blackwell Scientific Publications, Oxford, 314–371.
36. McKenzie, J.A., Jenkyns, H.C. and Bennet, G.G. (1979/1980). Stable isotope study of the cyclic diatomite-claystones from the Tripoli Formation, Sicily: a prelude to the Messinian salinity crisis. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 29, 125–141.
37. Jenkyns, H.C. (1980). Tethys: past and present. *Proc. Geol. Ass.*, 91, 107–118.
38. Jenkyns, H.C. (1980). Cretaceous anoxic events: from continents to oceans. *J. Geol. Soc. Lond.*, 137, 171–188.
39. Schlanger, S.O., Jenkyns, H.C. and Premoli-Silva, I. (1981). Volcanism and vertical tectonics in the Pacific Basin related to global Cretaceous transgressions. *Earth Planet. Sci. Letts*, 52, 435–449.
40. Arthur, M.A. and Jenkyns, H.C. (1981). Phosphorites and palaeoceanography. In: *Geology of Oceans*, Supplement to *Oceanogica Acta* 4, Proc. Int. Geol. Congr., Paris, 83–96.
41. Jenkyns, H.C. and Schlanger, S.O. (1981). Significance of plant remains in redeposited Aptian sediments, Hole 462A, Nauru Basin, to Cretaceous oceanic oxygenation models. In: R.L. Larson, S.O. Schlanger et al., Initial Reports of the

- Deep Sea Drilling Project, 61, US Government Printing Office, Washington, 557–562.
42. Moberly, R. and Jenkyns, H.C. (1981). Cretaceous volcanogenic sediments of the Nauru Basin, Deep Sea Drilling Project Leg 61. In: R.L. Larson, S.O. Schlanger et al., Initial Reports of the Deep Sea Drilling Project, 61, US Government Printing Office, Washington, 533–548.
 43. With the scientific staff of DSDP Leg 61 (1981) site 462: Nauru Basin, western Pacific Ocean, Deep Sea Drilling Project Leg 61. In: R.L. Larson, S.O. Schlanger et al., Initial Reports of the Deep Sea Drilling Project, 61, US Government Printing Office, Washington, 19–394.
 44. Jenkyns, H.C. and Winterer, E.L. (1982). Palaeoceanography of Mesozoic ribbon radiolarites. *Earth planet. Sci. Letts.*, 60, 351–375.
 45. Barrett, T.J., Jenkyns, H.C., Leggett, J.K., Robertson, A.H.F., Bluck, B.J. and Halliday, A.N. (1982). Comment and reply on ‘Age and origin of the Ballantrae ophiolite and its significance to the Caledonian Orogeny and the Ordovician time scale’. *Geology*, 10, 331–333.
 46. Jenkyns, H.C. (1985). The Early Toarcian and Cenomanian-Turonian anoxic events in Europe: comparisons and contrasts. *Geol. Rdsch.*, 74, 505–518.
 47. Jenkyns, H.C., Sarti, M., Masetti, D. and Howarth, M.K. (1985). Ammonites and stratigraphy of Lower Jurassic black shales and pelagic limestones from the Belluno Trough, Southern Alps, Italy. *Eclog. Geol. Helv.*, 78, 299–311.
 48. Jenkyns, H.C. (1986). Pelagic Environments. In: H.G. Reading, Editor. *Sedimentary Environments and Facies*, 2nd edn., Blackwell Scientific Publications, 343–397.
 49. Jenkyns, H.C. and Clayton, C.J. (1986). Black shales and carbon isotopes in pelagic sediments from the Tethyan Lower Jurassic. *Sedimentol.*, 33, 87–106.
 50. Schlanger, S.O., Arthur, M.A., Jenkyns, H.C. and Scholle, P.A. (1987). The Cenomanian-Turonian Oceanic Anoxic Event. I. Stratigraphy and distribution of organic-carbon-rich beds and the marine $\delta^{13}\text{C}$ excursion. In: J. Brooks and A.J. Fleet, editors, *Marine Petroleum Source Rocks*, Spec. Publ. Geol. Soc. Lond., 26, 371–399.
 51. Arthur, M.A., Schlanger, S.O. and Jenkyns, H.C. (1987). The Cenomanian-Turonian Oceanic Anoxic Event, II. Palaeoceanographic controls on organic matter production and preservation. In: J. Brooks and A.J. Fleet, Editors, *Marine Petroleum Source Rocks*. Spec. Publ. Geol. Soc. Lond., 26, 401–420.
 52. Fleet, A.J., Clayton, C.J., Jenkyns, H.C. and Parkinson, D.N. (1987). Liassic source-rock deposition in western Europe. In: J. Brooks and K. Glennie, Editors, *Petroleum Geology of north-west Europe*, 1, 59–70.
 53. Jenkyns, H.C. (1988). The Early Toarcian (Jurassic) Anoxic Event: stratigraphic, sedimentary and geochemical evidence. *Am. J. Sci.*, 288, 101–151.
 54. Farrimond, P., Eglington, G., Brassell, S.C. and Jenkyns, H.C. (1988). The Toarcian black shale event in northern Italy. In: *Advances in Organic Geochemistry, 1987*, Org. Geochem., 13, 823–832.
 55. Farrimond, P., Eglington, G., Brassell, S.C. and Jenkyns, H.C. (1989). Toarcian anoxic event in Europe: an organic geochemical study. *Marine Petrol. Geol.*, 6, 136–147.
 56. Farrimond, P., Eglington, G., Brassell, S.C. and Jenkyns, H.C. (1990). The Cenomanian-Turonian Anoxic Event in Europe: an organic geochemical study. *Marine Petrol. Geol.*, 7, 75–89.
 57. Arthur, M.A., Jenkyns, H.C., Brumsack, H.J. and Schlanger, S.O. (1990). Stratigraphy, geochemistry, and palaeoceanography of organic carbon-rich Cretaceous sequences. In: R.N. Ginsburg and B. Beaudoin, Editors, *Cretaceous Resources, Events and Rhythms*, NATO ASI Series C, Kluwer Academic Publishers, Dordrecht, 75–119.
 58. Jenkyns, H.C., Sellwood, B.W. and Pomar, L. (1990). A field excursion guide to the island of Mallorca. Geologists’ Association, London, 93 pp.

59. Hesselbo, S.P., Coe, A.L. and Jenkyns, H.C. (1990). Recognition and documentation of depositional sequences from outcrop: an example from the Aptian and Albian on the eastern margin of the Wessex Basin. *J. geol. Soc. Lond.*, 147, 549–559.
60. Weedon, G.P. and Jenkyns, H.C. (1990). Regular and irregular climatic cycles and the Belemnite Marls (Pliensbachian, Lower Jurassic, Wessex Basin). *J. geol. Soc. Lond.*, 147, 915–918.
61. Jenkyns, H.C. and Senior, J.R. (1991). Geological evidence for intra-Jurassic faulting in the Wessex Basin and its margins. *J. Geol. Soc. Lond.*, 148, 245–260.
62. Jenkyns, H.C., Géczy, B. and Marshall, J.D. (1991). Manganese deposits of central Europe and the Early Toarcian anoxic event. *J. Geol.*, 99, 137–150.
63. Jenkyns, H.C. (1991). Impact of Cretaceous sea-level rise and anoxic events on the Mesozoic carbonate platform of Yugoslavia. *Bull. Am. Assoc. Petrol. Geol.*, 75, 1007–1017.
64. Gale, A.S., Jenkyns, H.C., Kennedy, W.J. and Corfield, R.M. (1993). Chemostratigraphy versus biostratigraphy: data from around the Cenomanian-Turonian boundary. *J. geol. Soc. Lond.*, 150, 29–32.
65. With the scientific staff of ODP Leg 143 (1993). History of Pacific guyots uncovered. *Geotimes*, 38(1), 18–19.
66. With the scientific staff of ODP Leg 143 (1993). Examining guyots in the mid-Pacific mountains. *EOS*, 74, 201, 205–206.
67. With the scientific staff of ODP Leg 143 (1993). Explanatory Notes. In: W.W. Sager, E.L. Winterer, J.V. Firth et al., *Proceedings of the Ocean Drilling Program, Initial Reports*, 143, Ocean Drilling Program, College Station, Texas, 83–108.
68. With the scientific staff of ODP Leg 143 (1993). Site 865. In: W.W. Sager, E.L. Winterer, J.V. Firth et al., *Proceedings of the Ocean Drilling Program, Initial Reports*, 143, Ocean Drilling Program, College Station, Texas, 111–180.
69. With the scientific staff of ODP Leg 143 (1993). Site 866. In: W.W. Sager, E.L. Winterer, J.V. Firth et al., *Proceedings of the Ocean Drilling Program, Initial Reports*, 143, Ocean Drilling Program, College Station, Texas, 181–271.
70. With the scientific staff of ODP Leg 143 (1993). Site 867/868. In: W.W. Sager, E.L. Winterer, J.V. Firth et al., *Proceedings of the Ocean Drilling Program, Initial Reports*, 143, Ocean Drilling Program, College Station, Texas, 273–296.
71. With the scientific staff of ODP Leg 143 (1993). Site 869. In: W.W. Sager, E.L. Winterer, J.V. Firth et al., *Proceedings of the Ocean Drilling Program, Initial Reports*, 143, Ocean Drilling Program, College Station, Texas, 279–374.
72. With the scientific staff of ODP Leg 143 (1993). Site 870. In: W.W. Sager, E.L. Winterer, J.V. Firth et al., *Proceedings of the Ocean Drilling Program, Initial Reports*, 143, Ocean Drilling Program, College Station, Texas, 375–377.
73. Baudin, F., Arnaud, H., Sager, W.W., Winterer, E.L., Firth, J., Baker, P.E., Bralower, T., Castillo, P., Cooper, P., Flood, P.G., Golovchenko, X., Iryu, Y., Ivanov, M., Jenkyns, H.C., Kenter, J.A.M., Murdmaa, I.O., Mutterlose, J., Nogi, Y., Paull, C.K., Polgreen, E., Röhl, U., Sliter, W.V., Strasser, A., Swinburne, N.H.M., Tarduno, J.A. and van Waasbergen, R. (1993). Atolls et guyots du Pacifique Nord-Ouest: résultats préliminaires du Leg ODP 143. *C.R. Acad. Sci. Paris*, 316, Série II, 501–511.
74. Jenkyns, H.C. (1993/4). The early history of the Oceans. *Oceanus*, 36/4, 49–52.
75. Farrimond, P., Stoddart, D.P. and Jenkyns H.C. (1994). An organic geochemical profile of the Toarcian anoxic event in northern Italy. *Chem. Geol.*, 111, 17–33.
76. Jenkyns, H.C., Gale, A.S. and Corfield, R.M. (1994). Carbon- and oxygen-isotope stratigraphy of the English Chalk and Italian Scaglia and its palaeoclimatic significance. *Geol. Mag.*, 131, 1–34.
77. Jones, C.E., Jenkyns, H.C. and Hesselbo, S.P. (1994). Sr isotopes in Early Jurassic seawater. *Geochim. Cosmochim. Acta*, 58, 1285–1301.
78. Jones, C.E., Jenkyns, H.C., Coe, A.L. and Hesselbo, S.P. (1994). Sr isotopic variations in Jurassic and Cretaceous seawater. *Geochim. Cosmochim. Acta*, 58, 3061–3074.

79. Jenkyns, H.C. and Strasser, A. (1995). Cretaceous oolites from the Mid-Pacific Mountains, Resolution Guyot, ODP Site 866. In E.L. Winterer, W.W. Sager, J.V. Firth and J.M. Sinton, Editors, Proceedings of the Ocean Drilling Program, Scientific Results, 143, Ocean Drilling Program, College Station, Texas, 111–118.
80. Jenkyns, H.C., Paull, C.K., Cummins, D. and Fullagar, P.D. (1995). Strontium-isotope stratigraphy of Cretaceous atoll carbonates in the Mid-Pacific Mountains. In E.L. Winterer, W.W. Sager, J.V. Firth and J.M. Sinton, Editors, Proceedings of the Ocean Drilling Program, Scientific Results, 143, Ocean Drilling Program, College Station, Texas, 89–97.
81. Jenkyns, H.C. (1995). Carbon-isotope stratigraphy and paleoceanographic significance of the Lower Cretaceous shallow-water carbonates of Resolution Guyot, Mid-Pacific Mountains. In E.L. Winterer, W.W. Sager, J.V. Firth and J.M. Sinton, Editors, Proceedings of the Ocean Drilling Program, Scientific Results, 143, Ocean Drilling Program, College Station, Texas, 99–104.
82. Jenkyns, H.C., Mutterlose, J. and Sliter, W.V. (1995). Upper Cretaceous carbon and oxygen isotope stratigraphy of deep-water sediments from the north-central Pacific, Site 869, flank of Pikinni-Wodejebato, Marshall Islands. In E.L. Winterer, W.W. Sager, J.V. Firth and J.M. Sinton, Editors, Proceedings of the Ocean Drilling Program, Scientific Results, 143, Ocean Drilling Program, College Station, Texas, 105–108.
83. Hesselbo, S.P. and Jenkyns, H.C. (1995). A comparison of the Hettangian to Bajocian successions of Dorset and Yorkshire. In: P.D. Taylor, Editor, Field geology of the British Jurassic, Geol. Soc. Lond., 105–150.
84. Jenkyns, H.C. (1996). Relative sea-level change and carbon isotopes: data from the Upper Jurassic (Oxfordian) of central and southern Europe. *Terra Nova*, 8, 75–85.
85. Jenkyns, H.C. and Clayton, C.J. (1997). Lower Jurassic epicontinental carbonates and mudstones from England and Wales: chemostratigraphic signals and the early Toarcian anoxic event. *Sedimentol.*, 44, 687–706.
86. Hesselbo, S.P., Oates, M.J. and Jenkyns, H.C. (1998). The lower Lias Group of the Hebrides Basin. *Scott. J. Geol.*, 34, 23–60.
87. Wilson, P.A., Jenkyns, H.C., Elderfield, H. and Larson, R.L. (1998). The paradox of drowned carbonate platforms and the origin of Cretaceous Pacific guyots. *Nature*, 392, 889–894.
88. Hesselbo, S.P. and Jenkyns, H.C. (1998). Sequence stratigraphy of the Lower Jurassic of the British Isles. In: P.-C. de Graciansky, J. Hardenbol, T. Jaquin, P.R. Vail, and M.B. Farley, Editors, Mesozoic and Cenozoic Sequence Stratigraphy of Europe. Spec. Publ. Soc. econ. Paleont. Miner., 60, 561–581.
89. Jenkyns, H.C. (1999). Mesozoic anoxic events and palaeoclimate. *Zentralblatt Geol. Paläontol.*, 1997, 943–949.
90. Gröcke, D., Hesselbo, S.P. and Jenkyns, H.C. (1999). Carbon-isotope composition of Lower Cretaceous fossil wood: ocean-atmosphere chemistry and relation to sea-level change. *Geology*, 27, 155–158.
91. Weedon, G.P., Jenkyns, H.C., Coe, A.L. and Hesselbo, S.P. (1999). Astronomical calibration of the Jurassic time scale from cyclostratigraphy in British mudrock formations. *Phil. Trans Roy. Soc., Ser. A.*, 357, 1787–1813.
92. Jenkyns, H.C. and Wilson, P.A. (1999). Stratigraphy, paleoceanography and evolution of Cretaceous Pacific guyots: relics from a greenhouse earth. *Am. J. Sci.*, 299, 341–392.
93. Clarke, L.J. and Jenkyns, H.C. (1999). New oxygen-isotope evidence for long-term Cretaceous climatic change in the Southern Hemisphere. *Geology*, 27, 699–702.
94. Davey, S.D. and Jenkyns, H.C. (1999). Carbon-isotope stratigraphy of shallow-water limestones and implications for the timing of Late Cretaceous sea-level rise and anoxic events (Cenomanian-Turonian of the peri-Adriatic carbonate platform, Croatia). *Eclog. Geol. Helv.*, 92, 163–170.

95. Weedon, G.P. and Jenkyns, H.C. (1999). Cyclostratigraphy and the Early Jurassic time scale: data from the Belemnite Marls, Dorset, Southern England. *Bull. Geol. Soc. Am.*, 111, 1823–1840.
96. Morton N., Hesselbo, S.P., Oates, M.J. and Jenkyns, H.C. (1999). The lower Lias Group of the Hebrides Basin. Comment and reply. *Scott. J. Geol.*, 35, 85–88.
97. Hesselbo, S.P., Gröcke, D.R., Jenkyns, H.C., Bjerrum, C.J., Farrimond, P., Morgans Bell, H.S. and Green, O.R. (2000). Massive dissociation of gas hydrate during a Jurassic Oceanic Anoxic Event. *Nature*, 406, 392–395.
98. Jones, C.E. and Jenkyns, H.C. (2001). Seawater strontium isotopes, oceanic anoxic events, and seafloor hydrothermal activity in the Jurassic and Cretaceous. *Am. J. Sci.*, 301, 112–149.
99. Luciani, V., Cobianchi, M. and Jenkyns, H.C. (2001). Biotic and geochemical response to anoxic events: the Aptian pelagic succession of the Gargano Promontory (Southern Italy). *Geol. Mag.*, 138, 277–298.
100. Morgans-Bell, H.S., Coe, A.L., Hesselbo, S.P., Jenkyns, H.C., Weedon, G.P., Marshall, J.E.A., Tyson, R.V. and Williams, C.J. (2001). Integrated stratigraphy of the Kimmeridge Clay Formation (Upper Jurassic) based on exposures and boreholes in south Dorset, UK. *Geol. Mag.*, 138, 511–539.
101. Jenkyns, H.C., Gröcke, D.R. and Hesselbo, S.P. (2001). Nitrogen-isotope evidence for watermass denitrification during the Early Toarcian (Jurassic) Oceanic Anoxic Event. *Paleoceanography*, 16, 593–603.
102. Williams, C. J., Hesselbo, s.p., Jenkyns, H.C. and Morgans-Bell , H.S. (2001). Quartz silt in mudrocks as a key to sequence stratigraphy (Kimmeridge Clay Formation, Late Jurassic, Wessex basin, UK). *Terra Nova*, 13, 449–455.
103. Jenkyns, H.C., Jones, C.E., Gröcke, D.R., Hesselbo, S.P. and Parkinson, D.N. (2002). Chemostratigraphy of the Jurassic System: applications, limitations and implications for palaeoceanography. *J. Geol. Soc. Lond.*, 159, 351–378.
104. Jenkyns, H.C. (2003). Evidence for rapid climate change in the Mesozoic-Paleogene greenhouse world. *Phil Trans. R. Soc., Series A*, 361, 1885–1916.
105. Wall, G.R. and Jenkyns, H.C. (2004). The age, origin and tectonic significance of Mesozoic sediment-filled fissures in the Mendip Hills (south-west England): implications for extension models and Jurassic sea-level curves. *Geol. Mag.*, 141, 471–504.
106. Luciani, V., Cobianchi, M. and Jenkyns, H.C. (2004). Albian high-resolution biostratigraphy and isotope stratigraphy: the Coppa della Nuvola pelagic succession of the Gargano Promontory (Southern Italy). *Eclog. Geol. Helv.*, 97, 77–92.
107. Tsikos, H., Jenkyns, H.C., Walsworth-Bell, B., Petrizzo, M.R. , Forster, A., Kolonic, S., Erba, E. , Premoli Silva, I. , Baas, M., Wagner, T., and Sinninghe Damsté, J.S. (2004). Carbon-isotope stratigraphy recorded by the Cenomanian–Turonian Oceanic Anoxic Event: correlation and implications based on three key localities. *J. Geol. Soc. Lond.*, 161, 711–719.
108. Pancost, R.D., Crawford, N., Magness, S., Turner, A., Jenkyns, H.C. and Maxwell, J.R. (2004). Further evidence for the development of photic-zone euxinic conditions during Mesozoic Oceanic Anoxic Events. *J. Geol. Soc. Lond.*, 161, 353–364.
109. Matthews, A., Morgans-Bell, H.S., Emmanuel, S., Jenkyns, H.C., Erel, Y. and Halicz, L. (2004). Controls on iron-isotope fractionation in organic-rich sediments (Kimmeridge Clay, Upper Jurassic, southern England). *Geochim. Cosmochim. Acta*, 68, 3107–3123.
110. Tsikos, H., Karakitsios, V., Van Breugel, Y., Walsworth-Bell, B., Bombardiere, L., Petrizzo, M.R., Sinninghe Damsté, J.S., Schouten, S., Erba, E., Premoli Silva, I., Farrimond, P., Tyson, R.V., and Jenkyns, H.C. (2004). Organic-carbon deposition in the Cretaceous of the Ionian Basin, NW Greece: the Paquier Event (OAE 1b) revisited. *Geol. Mag.*, 141, 401–416.
111. Jenkyns, H.C., Forster, A., Schouten, S. and Sinninghe Damsté, J.S. (2004). High temperatures in the Late Cretaceous Arctic Ocean. *Nature*, 432, 888–892.

112. Robinson, S.A. & Jenkyns, H.C. (2005). % opal and % carbonate data from the Miocene to Lower Pliocene at Site 1208 (Central High, Shatsky Rise). In: Bralower, T.J., Premoli Silva, I., and Malone, M.J. (Eds.), Proc. ODP, Sci. Results, / 198 [Online]. Available from World Wide Web: http://www-odp.tamu.edu/publications/198_SR/120/120.htm <http://www-odp.tamu.edu/publications/198_SR/102/102.htm>.
113. Pancost, R.D., van Dongen, B.E., Esser, A., Morgans-Bell, H., Jenkyns, H.C. and Sinninghe Damsté, J.S. (2005). Variation in Organic Matter Composition and Its Impact on Organic-Carbon Preservation in the Kimmeridge Clay Formation (Upper Jurassic, Dorset, southern England). . In: N.B. Harris , Editor, The deposition of organic-carbon-rich Sediments: Models, Mechanisms, and Consequences, Spec. Publ. Soc. Sedimentary Geology (SEPM), 82, 261–278.
114. Li, X., Jenkyns, H.C., Wang, C., Hu, X., Chen, X., Wei, Y., Huang, Y. and Cui, J. (2006). Upper Cretaceous carbon- and oxygen-isotope stratigraphy of hemipelagic carbonate facies from southern Tibet, China. *J. Geol. Soc. Lond.*, 163, 375–382.
115. Jarvis, I., Gale, A.S., Jenkyns, H.C. and Pearce, M.A. (2006). Secular variation in Late Cretaceous carbon isotopes: a new $\delta^{13}\text{C}$ reference curve for the Cenomanian–Campanian (99.6–70.6 Ma). *Geol. Mag.*, 143, 561–608.
116. Hesselbo, S.P., Jenkyns, H.C., Duarte, L.V. and Oliveira, L.C.V. (2007). Carbon-isotope record of the Early Jurassic (Toarcian) Oceanic Anoxic Event from fossil wood and marine carbonate (Lusitanian Basin, Portugal). *Earth planet. Sci. Letts.*, 253, 455–470.
117. Karakitsios, V., Tsikos, H., van Breugel, Y., Koletti, L., Sinninghe Damsté J.S. and Jenkyns, H.C. (2007). First evidence for the Cenomanian–Turonian Oceanic Anoxic Event (OAE2 ‘Bonarelli’ Event) from the Ionian Zone, western continental Greece. *Int. J. Earth Sci.*, 96, 343–352.
118. Jenkyns, H.C., Matthews, A., Tsikos, H. and Erel, Y. (2007). Nitrate reduction, sulfate reduction, and sedimentary iron isotope evolution during the Cenomanian–Turonian oceanic anoxic event. *Paleoceanography*, 22, PA3208, doi:10.1029/2006PA001355.
119. Woodfine, R.G., Jenkyns, H.C., Sarti, M., Baroncini, F. and Violante, C. (2008). The response of two Tethyan carbonate platforms to the early Toarcian (Jurassic) ocean anoxic event: environmental change and differential subsidence. *Sedimentology*, 55, 1011–1028.
120. Scopelliti, G., Bellanca, A., Erba, E., Jenkyns, H.C., Neri, R., Tamagnini, P., Luciani, V. and Masetti, D. (2008). Cenomanian–Turonian carbonate and organic-carbon isotope records, biostratigraphy and provenance of a key section in NE Sicily, Italy: Palaeoceanographic and palaeogeographic implications. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 265, 59–77.
121. Parente, M., Frijia, J., Di Lucia, M., Jenkyns, H.C., Woodfine, R.G. and Baroncini, F. (2008). Stepwise extinction of larger foraminifers at the Cenomanian-Turonian boundary: A shallow-water perspective on nutrient fluctuations during Oceanic Anoxic Event 2 (Bonarelli Event). *Geology*, 36, 715–718.
122. Bernoulli, D. and Jenkyns, H.C. (2009). Ancient oceans and continental margins of the Alpine-mediterranean Tethys: deciphering clues from Mesozoic pelagic sediments and ophiolites. *Sedimentology*, 56, 147–190.
123. Korte, C., Hesselbo, S.P., Jenkyns, H.C., Rickaby, R.E.M. and Spötl, C. (2009). Palaeoenvironmental significance of carbon- and oxygen-isotope stratigraphy of marine Triassic–Jurassic boundary sections. *J. Geol. Soc. Lond.*, 166, 431–445.
124. Bernoulli, D. and Jenkyns, H.C. (2009). Ophiolites in ocean–continent transitions: From the Steinmann Trinity to sea-floor spreading. *Comptes Rendus Geoscience*, 341, 363–381.
125. Sabatino, N., Neri, R., Bellanca, A., Jenkyns, H.C., Baudin, F., Parisi, G. & Masetti, D. (2009). Carbon-isotope records of the early Jurassic (Toarcian) oceanic anoxic event from the Valdorbia (Umbria-Marche Apennines and Monte Mangart (Julian

- Alps) sections: palaeoceanographic and stratigraphic implications. *Sedimentology*, 56, 1307–1328.
- 126.Tiraboschi, D., Erba, E. & Jenkyns, H.C. (2009). Origin of rhythmic Albian black shales (Piobbico core, central Italy): Calcareous nannofossil quantitative and statistical analyses and paleoceanographic reconstructions. *Paleoceanography*, 24, PA2222, doi:10.1029/2008PA001670.
- 127.Hermoso, M., Minoli, F., Le Callonrec, L., Jenkyns, H.C., Hesselbo, S.P., Rickaby, R.E.R., Renard, M., de Rafelis, M. & Emmanuel, L. (2009). Global and local forcing of Early Toarcian seawater chemistry: A comparative study of different paleoceanographic settings (Paris and Lusitanian Basins). *Paleoceanography*, 24, PA4208, doi:10.1029/2009PA001764.
- 128.Jenkyns, H.C. (2010). Geochemistry of oceanic anoxic events. *Geochemistry Geophysics Geosystems*, 11, Q03004, doi: 10.1029/2009GC002788.
- 129.Al-Suwaidei, A.H., Angelozzi, G.N., Baudin, F., Damborenea, S.E., Hesselbo, S.P., Jenkyns, H.C., Manceñido, M.O., & Riccardi, A.C. (2010). First record of the Early Toarcian Oceanic Anoxic Event from the Southern Hemisphere, Neuquén Basin, Argentina. *J. Geol. Soc. Lond.*, 167, 633–636.
- 130.Lu, Z., Jenkyns, H.C. & Rickaby, R.E.M. (2010). Iodine to calcium ratios in marine carbonate as a paleo-redox proxy during oceanic anoxic events. *Geology*, 38, 1107–1110.
- 131.Sabatino, N., Neri, R., Bellanca, A., Jenkyns, H.C., Masetti, D., Scopelliti, G. (2011). Petrography and high-resolution geochemical records of Lower Jurassic manganese-rich deposits from Monte Mangart, Julian Alps. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 299, 97–109.
- 132.Dal Corso, J., Preto, N., Kustatscher, E., Mietto, P., Roghi, G. & Jenkyns, H.C. (2011). Carbon-isotope variability of Triassic amber, as compared with wood and leaves (Southern Alps, Italy). *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 302, 187–193.
- 133.Kafousia, N., Karakitsios, V., Jenkyns, H.C. & Mattioli, E. (2011). A global event with a regional character: the Early Toarcian Oceanic Anoxic Event in the Pindos Ocean (northern Peloponnese, Greece). *Geol. Mag.*, 148, 619–631.
- 134.Jarvis, I., Lignum, J.S., Gröcke, D.R., Jenkyns, H.C. & Pearce, M.A. (2011). Black shale deposition, atmospheric CO₂ drawdown, and cooling during the Cenomanian–Turonian Oceanic Anoxic Event. *Paleoceanography*, 26, PA3201, doi: 10.1029/2010PA002081.
- 135.Blättler, C.L., Jenkyns, H.C., Reynard, L.M. & Henderson, G.M. (2011). Significant increases in global weathering during Oceanic Anoxic Events 1a and 2 indicated by calcium isotopes. *Earth planet. Sci. Letts*, 309, 77–88.
- 136.Nielsen, S.G., Goff, M., Hesselbo, S.P., Jenkyns, H.C., LaRowe, D.E. & Lee, C.A. (2011). Thallium isotopes in early diagenetic pyrite – a paleoredox proxy? *Geochim. Cosmochim Acta*, 75, 6690–6704.
- 137.Gill, B.C., Lyons, T.W. & Jenkyns, H.C. (2011). A global perturbation in the sulfur cycle during the Toarcian Oceanic Anoxic Event. *Earth planet. Sci. Letts*, 312, 484–496.
- 138.Jenkyns, H.C. (2012) Oceanic Anoxic Events: the record from Italy and beyond. *Rend. Online Soc. Geol. It.*, 21, 8–10.
- 139.Hermoso, M., Minoli, F., Rickaby, R.E.M., Hesselbo, S.P., Baudin, F. & Jenkyns, H.C. (2012). Dynamics of a stepped carbon-isotope excursion: Ultra high-resolution study of Early Toarcian environmental change. *Earth planet. Sci. Letts*, 319/320, 45–54.
- 140.Jenkyns, H.C., Schouten-Huibers, L., Schouten, S. & Sinninghe Damsté, J.S. (2012). Warm Middle Jurassic–Early Cretaceous high-latitude sea-surface temperatures from the Southern Ocean. *Clim. Past*, 8, 215–226.
- 141.Voigt, S., Gale, A.S., Jung, C. & Jenkyns, H.C. (2012). Global correlation of Upper Campanian–Maastrichtian successions using carbon-isotope stratigraphy: development of a new Maastrichtian timescale. *Newsletters Stratigr.*, 45, 25–53.

- 142.Petrizzo, M. R., Huber, B.T., Gale, A.S., Barchetta, A. & Jenkyns, H.C. (2012). Abrupt planktic foraminiferal turnover across the Niveau Kilian at Col de Pré-Guittard (Vocontian Basin, southeast France): new criteria for defining the Aptian/Albian boundary. *Newsletters Stratigr.*, 45, 55–74.
- 143.Bottini, C., Cohen, A.S., Erba, E., Jenkyns, H.C. & Coe, A.L. (2012). Osmium-isotope evidence for volcanism, weathering, and ocean mixing during early Aptian OAE 1a. *Geology*, 40, 583–586.
- 144.Blättler, C., Henderson, G.M. & Jenkyns, H.C. (2012). Explaining the Ca isotope history of seawater. *Geology*, 40, 843–846.
- 145.Jenkyns, H.C. & Weedon, G.P. (2013). Chemostratigraphy (CaCO_3 , TOC, $\delta^{13}\text{C}_{\text{org}}$) of Sinemurian (Lower Jurassic) black shales from the Wessex Basin, Dorset and palaeoenvironmental implications, *Newsletters Stratigr.*, 46, 1–21.
- 146.Pogge von Strandmann, P.A.E., Jenkyns, H.C. & Woodfine, R.G. (2013). Lithium isotope evidence for enhanced weathering during Oceanic Anoxic Event 2. *Nature Geosci.*, 6, 668–672.
- 147.Sabatino, N., Vlahović, I., Jenkyns, H.C., Scopelliti, G., Neri, R., Prtoljan, B. and Velić, I. (2013). Carbon-isotope record and palaeoenvironmental changes during the early Toarcian oceanic anoxic event in shallow-marine carbonates of the Adriatic Carbonate Platform in Croatia. *Geol. Mag.*, 150, 1085–1102.
- 148.Zheng, X.-Y., Jenkyns, H.C., Gale, A.S., Ward, D.J. & Henderson, G.M. (2013). Changing ocean circulation and hydrothermal inputs during Ocean Anoxic Event 2 (Cenomanian_Turonian): Evidence from Nd-isotopes in the European shelf sea. *Earth planet. Sci. Letts*, 375, 338–348.
- 149.Owens, J.D., Gill, B.C., Jenkyns, H.C., Bates, S.M., Severmann, S., Kuyper, M.M.M., Woodfine, R.G. and Lyons, T.W. (2013). Sulfur isotopes track the global extent and dynamics of euxinia during Cretaceous Oceanic Anoxic Event 2. *Proc. Natl Acad. Sci. U S A*, 110, 18407–18412.
- 150.Dal Corso, J., Angelini, I., Giaretta, A., Roghi, G., Ragazzi, E., Soriano, C., Delclòs, X. and Jenkyns, H.C. (2013). Physico-chemical analysis of Albian (Lower Cretaceous) amber from San Just (Spain): Implications for palaeoenvironmental and palaeoecological studies. *Geologica Acta*, 11, 359–370.
- 151.Kennedy, W.J., Gale, A.S., Huber, B.T., Petrizzo, M.R., Bown, P. & Jenkyns, H.C. (2014). Integrated stratigraphy across the Aptian/Albian boundary at Col de Pré-Guittard (southeast France): a candidate Global Boundary Stratotype Section. *Cretaceous Research*, 51, 248–259.
- 152.Li, X., Jenkyns, H.C., Zhang, C., Wang, Y., Liu, L & Cao, K. (2014). Carbon isotope signatures of pedogenic carbonates from SE China: rapid atmospheric pCO_2 changes during middle–late Early Cretaceous time. *Geol. Mag.*, 151, 830–849.
- 153.Blättler, C.L., Stanley, S.M., Henderson, G.M. & Jenkyns, H.C. (2014). Identifying vital effects in *Halimeda* algae with Ca isotopes. *Biogeosciences*, 11, 7207–7217.
- 154.Bottini, C., Erba, E., Tiraboschi, D., Jenkyns, H.C., Schouten, S. & Sinninghe Damsté, J.S. (2015). Climate variability and ocean fertility during the Aptian Stage. *Clim. Past*, 11, 383–402.
- 155.Erba, E., Duncan, R.A., Bottini, C., Tiraboschi, D., Weissert, H., Jenkyns, H.C. & Malinverno, A. (2015). Environmental consequences of Ontong Java Plateau and Kerquelen Plateau volcanism. In: Neal, C.R., Sager, W.W., Sano, T. & Erba, E., Eds, *The Origin, Evolution, and environmental Consequences of oceanic Large Igneous Provinces*, *Geol. Soc. Am. Spec. Paper*, 511, 271–303.
- 156.Gambacorta, G., Jenkyns, H.C., Russo, F., Tsikos, H., Wilson, P.A., Faucher, G. & Erba, E. (2015). Carbon- and oxygen-isotope records of mid-Cretaceous Tethyan pelagic sequences from the Umbria–Marche and Belluno Basins (Italy). *Newsletters Stratigr.*, 48, 299–323.
- 157.Zhou, X., Jenkyns, H.C., Owens, J.D., Junium, C.K., Zheng, X.-Y., Sageman, B.B., Hardisty, D.S., Lyons, T.W., Ridgwell, A. & Lu, Z. (2015). Upper ocean oxygenation dynamics from I/Ca ratios during the Cenomanian–Turonian OAE 2. *Paleoceanography*, 30, 510–526.

- 158.Percival, L.M.E., Witt, M.L.I., Mather, T.A., Hermoso, M., Jenkyns, H.C., Hesselbo, S.P., Al-Suwaidi, A.H., Storm, M., Xu, W & Ruhl, M. (2015). Globally enhanced mercury deposition during the end-Pliensbachian extinction and Toarcian OAE: A link to the Karoo–Ferrar Large Igneous Province. *Earth planet. Sci. Letts.*, 428, 267–280.
- 159.Lechler, M., Pogge von Strandmann, P.A.E., Jenkyns, H.C., Prosser, G. & Parente, M. (2015). Lithium-isotope evidence for enhanced silicate weathering during OAE 1a (Early Aptian Selli event). *Earth planet. Sci. Letts.*, 432, 210–222.
- 160.Chen, L., Jenkyns, H.C., Xu, G., Mattioli, E., Da, X., Yi, H., Xia, M., Zhu, Z. & Huang, Z. (2016). Preliminary nannofossil and geochemical data from Jurassic black shales from the Qiangtang Basin, northern Tibet. *J. Asian Earth Sci.*, 115, 257–267.
- 161.Falzoni, F., Petrizzo, M.R., Jenkyns, H.C., Gale, A.S. & Tsikos, H. (2016). Planktonic foraminiferal biostratigraphy and assemblage composition across the Cenomanian–Turonian boundary interval at Clot Chevalier (Vocontian Basin, SE France). *Cretaceous Research*, 59, 69–97.
- 162.Zheng, X.-Y., Jenkyns, H.C., Gale, A.S., Ward, D.J. & Henderson, G.M. (2016). A climatic control on reorganization of ocean circulation during the mid-Cenomanian event and the Cenomanian–Turonian oceanic anoxic event (OAE 2): Nd isotope evidence. *Geology*, 44, 151–154.
- 163.Dickson, A.J., Jenkyns, H.C., Porcelli, D., van den Boorn, S., Idiz, E. (2016). Basin-scale controls on the molybdenum-isotope composition of seawater during Oceanic Anoxic Event 2 (Late Cretaceous). *Geochim. Cosmochim. Acta*, 178, 291–306.
- 164.Al-Suwaidi, A., Hesselbo, S.P., Damborenea, S.E., Manceñido, M.O., Jenkyns, H.C., Riccardi, A., Angelozzi, G.N. & Baudin, F. (2016). The Toarcian Oceanic Anoxic Event (Early Jurassic) in the Neuquén Basin, Argentina: A Reassessment of age and carbon isotope stratigraphy. *J. Geol.*, 124, 171–193.
- 165.Savini, J., Trindade, R., Janikian, L., Jovane, L., Paes de Almeida, R., Coccioni, R., Frontalini, F., Sideri, M., Figueiredo, M., Tedeschi, L.R. & Jenkyns, H.C. (2016). The Barremian-Aptian boundary in the Poggio le Guaine core (central Italy): Evidence for magnetic polarity Chron M0r and oceanic anoxic event 1a. In: Menichetti, M., Coccioni, R. and Montanari, A., Eds, *The Stratigraphic Record of Gubbio: Integrated Stratigraphy of the Late Cretaceous–Paleogene Umbria-Marche Pelagic Basin*: Geological Society of America Special Paper 524, p. 57–78.
- 166.Thibault, N., Jarvis, I., Voigt, S., Gale, A.S., Attree, K. & Jenkyns, H.C. (2016). Astronomical calibration and global correlation of the Santonian (Cretaceous) based on the marine carbon-isotope record. *Paleoceanography*, 31, 847–865.
- 167.Percival, L.M.E., Cohen, A.S., Davies, M.K., Dickson, A.J., Hesselbo, S.P., Jenkyns, H.C., Leng, M.J., Mather, T.A., Storm, M.S. and Xu, W. (2016). Osmium isotope evidence for two pulses of increased continental weathering linked to Early Jurassic volcanism and climate change. *Geology*, 44, 759–762.
- 168.da Rocha, R.B., Mattioli, E., Duarte, L.V., Pittet, B., Elmi, S., Mouterde, R., Cabral, M.C., Comas-Rengifo, M.J., Gomez, J.J., Goy, A., Hesselbo, S.P., Jenkyns, H.C., Littler, K., Mailliot, S., de Oliveira, L.C.V., Osete, M.L., Perilli, M., Pinto, S., Rugt, C. & Suan, G. (2016). Base of the Toarcian Stage of the Lower Jurassic defined by the Global Boundary Stratotype Section and Point (GSSP) at the Peniche section (Portugal). *Episodes*, 39, 460–481.
- 169.Ruhl, M., Hesselbo, S.P., Hinnov, L., Jenkyns, H.C., Xu, W., Riding, J.B., Storm, M., Minisini, D., Ullmann, C.V. and Leng, M.J. (2016). Astronomical constraints on the duration of the Early Jurassic Pliensbachian Stage and global climatic fluctuations. *Earth planet. Sci. Letts.*, 455, 149–165.
- 170.Falzoni, F., Petrizzo, M.R., Clarke, L.J., MacLeod, K.G. and Jenkyns, H.C. (2016). Long-term Late Cretaceous oxygen-and carbon-isotope trends and planktonic foraminiferal turnover: A new record from the southern midlatitudes. *Bull. Geol. Soc. Am.*, 128, 1725–1735.
- 171.Dal Corso, J., Schmidt, A.R., Seyfullah, L.J., Preto, N., Ragazzi, E., Jenkyns, H.C., Delclòs, X., Néraudeau, D. & Roghi, G. (2017). Evaluating the use of amber in

- palaeoatmospheric reconstructions: The carbon-isotope variability of modern and Cretaceous conifer resins. *Geochim. Cosmochim. Acta*, 199, 351–369.
- 172.Jenkyns, H.C., Dickson, A.J., Ruhl, M. and van den Boorn, S.H.J.M. (2017). Basalt-seawater interaction, the Plenus Cold Event, enhanced weathering and geochemical change: deconstructing Oceanic Anoxic Event 2 (Cenomanian–Turonian, Late Cretaceous). *Sedimentol.*, 64, 16–43.
- 173.Scaife, J.D., Ruhl, M., Dickson, A.J., Mather, T.A., Jenkyns, H.C., Percival, L.M.E., Hesselbo, S.P., Cartwright, J., Eldrett, J.S., Bergman, S.C. and Minisini, D., 2017. Sedimentary mercury enrichments as a marker for submarine large igneous province volcanism? Evidence from the Mid-Cenomanian event and Oceanic Anoxic Event 2 (Late Cretaceous). *Geochemistry, Geophysics, Geosystems*, 18, 4253–427
- 174.Xu, W., Ruhl, M., Hesselbo, S.P., Riding, J.B. and Jenkyns, H.C. (2017). Orbital pacing of the Early Jurassic carbon cycle, black-shale formation and seabed methane seepage. *Sedimentol.*, 64, 127–149.
- 175.Owens, J.D., Lyons, T.W., Hardisty, D.S., Lowery, C.M., Lu, Z., Lee, B. and Jenkyns, H.C. (2017). Patterns of local and global redox variability during the Cenomanian–Turonian Boundary Event (Oceanic Anoxic Event 2) recorded in carbonates and shales from central Italy. *Sedimentol.*, 64, 168–185.
- 176.Dickson, A.J., Saker-Clark, M., Jenkyns, H.C., Bottini, C., Erba, E., Russo, F., Gorbanenko, O., Naafs, B.D., Pancost, R.D., Robinson, S.A. and van den Boorn, S.H.J.M. (2017). A Southern Hemisphere record of global trace-metal drawdown and orbital modulation of organic-matter burial across the Cenomanian–Turonian boundary (Ocean Drilling Program Site 1138, Kerguelan Plateau). *Sedimentol.*, 64, 186–203.
- 177.Robinson, S.A., Ruhl, M., Astley, D.L., Naafs, B.D.A., Farnsworth, A.J., Bown, P.R., Jenkyns, H.C., Lunt, D.J., O'Brien, C., Pancost, R.D. and Markwick, P.J. (2017). Early Jurassic North Atlantic sea-surface temperatures from TEX₈₆ palaeothermometry. *Sedimentol.*, 64, 215–230.
- 178.Xu, W., Ruhl, M.R., Jenkyns, H.C., Hesselbo, S.P., Riding, J.B., Selby, D., Naafs, B.D.A., Weijers, J.W.H., Pancost, R.D., Tegelaar, E.W. and Idiz, E.F. (2017). Carbon sequestration in an expanding lake system during the Toarcian Oceanic Anoxic Event. *Nature Geosci.*, 10, 129–135.
- 179.Masetti, D., Figus, B., Jenkyns, H.C., Barattolo, F., Mattioli, E. and Posenato, R. (2017). Carbon-isotope anomalies and demise of carbonate platforms in the Sinemurian (Early Jurassic) of the Tethyan region: evidence from the Southern Alps (Northern Italy). *Geol. Mag.*, 154, 635–650.
- 180.Zhou, X., Jenkyns, H.C., Lu, W., Hardisty, D.S., Owens, J.D., Lyons, T.W. and Lu, Z. (2017). Organically bound iodine as a bottom-water redox proxy: Preliminary validation and application. *Chem. Geol.*, 457, 95–106.
- 181.Tedeschi, L.R., Jenkyns, H.C., Robinson, S.A., Sanjinés, A.E., Viviers, M.C., Quintaes, C.M. and Vazquez, J.C. (2017). New age constraints on Aptian evaporites and carbonates from the South Atlantic: Implications for Oceanic Anoxic Event 1a. *Geology*, 45, 543–546.
- 182.Percival, L.M.E., Ruhl, M., Hesselbo, S.P., Jenkyns, H.C., Mather, T.A. and Whiteside, J.H. (2017). Mercury evidence for pulsed volcanism during the end-Triassic mass extinction. *Proc. Natl Acad. Sci. USA*, 114, 7929–7934.
- 183.O'Brien, C.L., Robinson, S.A., Pancost, R.D., Damsté, J.S.S., Schouten, S., Lunt, D.J., Alsenz, H., Bornemann, A., Bottini, C., Brassell, S.C., Farnsworth, A., Forster, A., Huber, B.T., Inglis, G.N., Jenkyns, H.C., Linnert, C., Littler, K., Markwick, P., McAnena, A., Mutterlose, J., Naafs, B.D.A., Püttmann, W., Sluijs, A., van Helmond, A.G.M., Vellecoop, J., Wagner, T. and Wrobel, N.E. (2017). Cretaceous sea-surface temperature evolution: Constraints from TEX₈₆ and planktonic foraminiferal oxygen isotopes. *Earth-Sci. Reviews*, 172, 224–247.
- 184.Dickson, A.J., Gill, B.C., Ruhl, M., Jenkyns, H.C., Porcelli, D., Idiz, E., Lyons, T.W. and van den Boorn, S.H. (2017). Molybdenum-isotope chemostratigraphy and

- paleoceanography of the Toarcian Oceanic Anoxic Event (Early Jurassic). *Paleoceanography*, 32, 813–829.
185. Kennedy, W.J., Gale, A.S., Huber, B.T., Petrizzo, M.R., Bown, P. and Jenkyns, H.C. (2017). The Global Boundary Stratotype Section and Point (GSSP) for the base of the Albian Stage, of the Cretaceous, the Col de Pré-Guittard section, Arnayon, Drôme, France. *Episodes*, 40, 177–188.
186. Madhavaraju, J., Lee, Y.I., Scott, R.W., González-León, C.M., Jenkyns, H.C., Saucedo-Samaniego, J.C. and Ramasamy, S. (2018). High-resolution carbonate isotopic study of the Mural Formation (Cerro Pimas section), Sonora, México: Implications for early Albian oceanic anoxic events. *J. South American Earth Sci.*, 82, 329–345.
187. Xu, W., Ruhl, M., Jenkyns, H.C., Leng, M.J., Huggett, J.M., Minisini, D., Ullmann, C.V., Riding, J.B., Weijers, J.W.H., Storm, M.S., Percival, L.M.E., Tosca, N.J., Idiz, E.F., Tegelaar, E.W., and Hesselbo, S.P. (2018). Evolution of the Toarcian (Early Jurassic) carbon-cycle and global climatic controls on local sedimentary processes (Cardigan Bay Basin, UK). *Earth planet. Sci. Letts*, 484, 396–411.
188. Linnert, C., Robinson, S.A., Lees, J.A., Pérez-Rodríguez, I., Jenkyns, H.C., Petrizzo, M.R., Arz, J.A., Bown, P.R. and Falzoni, F. (2018). Did Late Cretaceous cooling trigger the Campanian–Maastrichtian Boundary Event?. *Newsletters Stratigr.*, 51, 145–166.
189. Clarkson, M.O., Stirling, C.H., Jenkyns, H.C., Dickson, A.J., Porcelli, D., Moy, C.M., von Strandmann, P.A.P., Cooke, I.R. and Lenton, T.M. (2018). Uranium isotope evidence for two episodes of deoxygenation during Oceanic Anoxic Event 2. *Proc. Natl Acad. Sci. USA*, 115, 2918–2923.
190. Sweere, T.C., Dickson, A.J., Jenkyns, H.C., Porcelli, D., Elrick, M., van den Boorn, S.H. and Henderson, G.M. (2018). Isotopic evidence for changes in the zinc cycle during Oceanic Anoxic Event 2 (Late Cretaceous). *Geology*, 46, 463–466.
191. Weedon, G.P., Jenkyns, H.C. and Page, K.N. (2018). Combined sea-level and climate controls on limestone formation, hiatuses and ammonite preservation in the Blue Lias Formation, South Britain (uppermost Triassic–Lower Jurassic). *Geol. Mag.*, 155, 1117–1149.
192. Xu, W., Mac Niocaill, C., Ruhl, M., Jenkyns, H.C., Riding, J.B. and Hesselbo, S.P. (2018). Magnetostratigraphy of the Toarcian Stage (Lower Jurassic) of the Llanbedr (Mochras Farm) Borehole, Wales: basis for a global standard and implications for volcanic forcing of palaeoenvironmental change. *J. Geol. Soc. Lond.*, 175, 594–604.
193. Dal Corso, J., Gianolla, P., Rigo, M., Franceschi, M., Roghi, G., Mietto, P., Manfrin, S., Raucsik, B., Budai, T., Jenkyns, H.C., Reymond, C.E., Caggiati, M., Gattolin, G., Breda, A., Merico, A. and Preto, N. (2018). Multiple negative carbon-isotope excursions during the Carnian Pluvial Episode (Late Triassic). *Earth-Sci. Reviews*, 185, 732–750.
194. Jenkyns, H.C., 2018. Transient cooling episodes during Cretaceous Oceanic Anoxic Events with special reference to OAE 1a (Early Aptian). *Phil. Trans. R. Soc., Series A*, 376, doi: 10.1098/rsta.2017.0073.
195. Percival, L.M., Jenkyns, H.C., Mather, T.A., Dickson, A.J., Batenburg, S.J., Ruhl, M., Hesselbo, S.P., Barclay, R., Jarvis, I., Robinson, S.A. and Woelders, L., 2018. Does large igneous province volcanism always perturb the mercury cycle? Comparing the records of Oceanic Anoxic Event 2 and the end-Cretaceous to other Mesozoic events. *Am. J. Sci.*, 318, 799–860.
196. Robinson, S.A., Dickson, A.J., Pain, A., Jenkyns, H.C., O'Brien, C.L., Farnsworth, A. and Lunt, D.J., 2019. Southern Hemisphere sea-surface temperatures during the Cenomanian–Turonian: Implications for the termination of Oceanic Anoxic Event 2. *Geology*, 47, 131–134.
197. Chen, L., Mattioli, E., Da, X., Jenkyns, H.C., Zhu, Z., Xu, G. and Yi, H., 2019. Calcareous nannofossils from the Jurassic black shales in the Qiangtang Basin, Northern Tibet (China): New records of stratigraphic ages and palaeoceanography. *Newsletters on Stratigraphy*, 52, 55–72.

198. Gale, A.S., Jenkyns, H.C., Tsikos, H., van Breugel, Y., Sinnighe Damste, J.S., Bottini, C., Erba, E., Russo, F., Falzoni, F., Petrizzo, M.R., Dickson, A.J., Wray, D.S., 2019. High-resolution bio-and chemostratigraphy of an expanded record of Oceanic Anoxic Event 2 (Late Cenomanian–Early Turonian) at Clot Chevalier, near Barrême, SE France (Vocontian Basin, SE France). *Newsletters on Stratigraphy*, 52, 97–129.
199. O'Connor, L., Robinson, S.A., Naafs, B.D.A., Jenkyns, H.C., Henson, S., Clarke, M. and Pancost, R.D., 2019. Late Cretaceous temperature evolution of the southern High Latitudes: a TEX₈₆ perspective. *Paleoceanography and Palaeoclimatology*, 34, 436–454.
200. Gangl, S.K., Moy, C.M., Stirling, C.H., Jenkyns, H.C., Crampton, J.S., Clarkson, M.O., Ohneiser, C. and Porcelli, D., 2019. High-resolution records of Oceanic Anoxic Event 2: Insights into the timing, duration and extent of environmental perturbations from the palaeo-South Pacific Ocean. *Earth planet. Sci. Letts*, 518, 172–182.
201. Ros-Franch, S., Echevarría, J., Damborenea, S.E., Manceñido, M.O., Jenkyns, H.C., Al-Suwaidi, A., Hesselbo, S.P. and Riccardi, A.C., 2019. Population response during an Oceanic Anoxic Event: The case of Posidonotis (Bivalvia) from the Lower Jurassic of the Neuquén Basin, Argentina. *Palaeogeogr., Palaeoclimatol., Palaeoecol.*, 525, 57–67.
202. Weedon, G.P., Page, K.N. and Jenkyns, H.C., 2019. Cyclostratigraphy, stratigraphic gaps and the duration of the Hettangian Stage (Jurassic): insights from the Blue Lias Formation of southern Britain. *Geol. Mag.*, 156, 1469–1509.
203. Storm, M.S., Hesselbo, S.P., Jenkyns, H.C., Ruhl, M., Ullmann, C.V., Xu, W., Leng, M.J., Riding, J.B. and Gorbanenko, O., 2020. Orbital pacing and secular evolution of the Early Jurassic carbon cycle. *Proc. Natl Acad. Sci. USA*, 117, 3974–3982.
204. O'Connor, L.K., Jenkyns, H.C., Robinson, S.A., Remmelzwaal, S.R., Batenburg, S.J., Parkinson, I.J. and Gale, A.S., 2020. A re-evaluation of the Plenus Cold Event, and the links between CO₂, temperature, and seawater chemistry during OAE 2. *Paleoceanography and Paleoclimatology*, 35, e2019PA003631.
205. Tedeschi, L.R., Jenkyns, H.C., Robinson, S.A., Lana, C.C., Menezes Santos, M.R.F. and Tognoli, F.M., 2020. Aptian carbon-isotope record from the Sergipe-Alagoas Basin: New insights into oceanic anoxic event 1a and the timing of seawater entry into the South Atlantic. *Newsletters on Stratigraphy*, 53, 333–364.
206. Xiao, X., Zheng, D., Xie, G., Jenkyns, H.C., Guan, C., Fang, Y., He, J., Yuan, X., Xue, N., Wang, H. and Li, S., 2020. Recovery of lacustrine ecosystems after the end-Permian mass extinction. *Geology*, 48, 609–613.
207. Ruhl, M., Hesselbo, S.P., Al-Suwaidi, A., Jenkyns, H.C., Damborenea, S.E., Manceñido, M.O., Storm, M., Mather, T.A. and Riccardi, A.C., 2020. On the onset of Central Atlantic Magmatic Province (CAMP) volcanism and environmental and carbon-cycle change at the Triassic–Jurassic transition (Neuquén Basin, Argentina). *Earth-Sci. Reviews*, 208, 103229.
208. Sweere, T.C., Dickson, A.J., Jenkyns, H.C., Porcelli, D. and Henderson, G.M., 2020. Zinc-and cadmium-isotope evidence for redox-driven perturbations to global micronutrient cycles during Oceanic Anoxic Event 2 (Late Cretaceous). *Earth planet. Sci. Letts*, 546, 116427.
209. Jenkyns, H.C., 2018. Italian geology and climate change in the deep past. *Istituto Lombardo, Accademia di Scienze e Lettere, Rendiconti di Scienze*, 152, 155–166 (2020).
210. O'Connor, L., Batenburg, S.J., Robinson, S.A. and Jenkyns, H.C., 2020. An orbitally paced, near-complete record of Campanian climate and sedimentation in the Mississippi embayment, USA. *Newsletters on Stratigraphy*, 53, 443–459.
211. Sweere, T.C., Dickson, A.J., Jenkyns, H.C., Porcelli, D., Ruhl, M., Murphy, M.J., Idiz, E., van den Boorn, S.H.J.M., Eldrett, J.S. and Henderson, G.M., 2020. Controls on the Cd-isotope composition of Upper Cretaceous (Cenomanian–Turonian)

- organic-rich mudrocks from south Texas (Eagle Ford Group). *Geochim. Cosmochim. Acta*, 287, 251–262.
- 212.Jenkyns, H.C., 2020. The demise and drowning of Early Jurassic (Sinemurian) carbonate platforms: stratigraphic evidence from the Italian peninsula, Sicily and Spain. In: l'Eredità scientifica di Paolo Scandone, Geologo, Atti del Convegni Lincei, 335, 55–82.
- 213.Dickson, A.J., Jenkyns, H.C., Idiz, E., Sweere, T.C., Murphy, M.J., van den Boorn, S.H., Ruhl, Eldrett, J.S. and Porcelli, D., 2021. New constraints on global geochemical cycling during Oceanic Anoxic Event 2 (Late Cretaceous) from a 6-million-year-long molybdenum-isotope record. *Geochemistry, Geophysics, Geosystems*, 22, e2020GC009246.
- 214.Percival, L.M.E., Tedeschi, L.R., Creaser, R.A., Bottini, C., Erba, E., Giraud, F., Svensen, H., Savian, J., Trindade, R., Coccioni, R., Frontalini, F., Jovane, L., Mather, T.A. and Jenkyns, H.C., 2021. Determining the style and provenance of magmatic activity during the Early Aptian Oceanic Anoxic Event (OAE 1a). *Global and Planetary Change*, 200, 103461.
- 215.Han, Z., Hu, X., BouDagher-Fadel, M., Jenkyns, H.C. and Franceschi, M., 2021. Early Jurassic carbon-isotope perturbations in a shallow-water succession from the Tethys Himalaya, southern hemisphere. *Newsletters on Stratigraphy*, 54, 462–481.
- 216.Xu, W., Weijers, J.W.H., Ruhl, M., Idiz, E.F., Jenkyns, H.C., Riding, J. B., Gorbanenko, O. and Hesselbo, S.P., 2021. Molecular and petrographical evidence for lacustrine environmental and biotic change in the palaeo-Sichuan mega-lake (China) during the Toarcian Oceanic Anoxic Event. In: M. Reolid, L.V. Duarte, E. Mattioli, and W. Ruebsam, editors, *Carbon Cycle and Ecosystem Response to the Jenkyns Event in the Early Toarcian (Jurassic)*, Spec. Publ. Geol. Soc. Lond., 514, 335–357.
- 217.Jenkyns, H.C. and Macfarlane, S., 2021. The chemostratigraphy and environmental significance of the Marlstone and Junction Bed (Beacon Limestone, Toarcian, Lower Jurassic, Dorset, UK). *Geol. Mag.*, 159, 357–391.
- 218.Han, Z., Hu, X., He, T., Newton, R.J., Jenkyns, H.C., Jamieson, R. A. and Franceschi, M., 2021. Early Jurassic long-term oceanic sulfur-cycle perturbations in the Tibetan Himalaya. *Earth planet. Sci. Letts.*, 578, 117261.
- 219.Ruhl, M., Hesselbo, S.P., Jenkyns, H.C., Xu, W., Silva, R.L., Matthews, K.J., Mather, T.A., Mac Niocaill and Riding, J.B., 2022. Reduced plate motion controlled timing of Early Jurassic Karoo–Ferrar large igneous province volcanism. *Science Advances*, 8, eab00866.
- 220.Erba, E., Cavalheiro, L., Dickson, A.J., Faucher, G., Gambacorta, G., Jenkyns, H.C. and Wagner, T., 2022. Carbon- and oxygen-isotope signature of the Toarcian Oceanic Anoxic Event: insights from two Tethyan pelagic sequences (Gajum and Sogno Cores–Lombardy Basin, northern Italy). *Newsletters on Stratigraphy*, 55, 451–477.
- 221.Han, Z., Hu, X., Hu, Z., Jenkyns, H.C. and Su, T., 2022. Geochemical evidence from the Kioto Carbonate Platform (Tibet) reveals enhanced terrigenous input and deoxygenation during the early Toarcian. *Global and Planetary Change*, 215, 103887.
- 222.Gambacorta, G., Cavalheiro, L., Brumsack, H.J., Dickson, A.J., Jenkyns, H.C., Schnetger, B., Wagner, T. and Erba, E., 2023. Suboxic conditions prevailed during the Toarcian Oceanic Anoxic Event in the Alpine-Mediterranean Tethys: The Sogno Core pelagic record (Lombardy Basin, northern Italy). *Global and Planetary Change*, 223, 104089.
- 223.Gangl, S.K., Stirling, C.H., Jenkyns, H.C., Preston, W.J., Clarkson, M.O., Moy, C.M., Dickson, A.J. and Porcelli, D., 2023. Regional conditions cause contrasting behaviour in U-isotope fractionation in black shales: Constraints for global ocean palaeo-redox reconstructions. *Chem. Geol.*, 623, 121411.
- 224.Chen, W., Kemp, D.B., He, T., Newton, R.J., Xiong, Y., Jenkyns, H.C., Izumi, K., Cho, T., Huang, C. and Poulton, S., 2023. Shallow-and deep-ocean Fe cycling and redox evolution across the Pliensbachian–Toarcian boundary and Toarcian Oceanic AnoxicEvent in Panthalassa. *Earth planet. Sci. Letts.*, 602, 11795.

- 225.Frieling, J., Mather, T.A., März, C., Jenkyns, H.C., Hennekam, R., Reichart, G.-J., Slomp, C.P. and van Helmond, N.A.G.M., 2023. Effects of redox variability and early diagenesis on marine sedimentary Hg records. *Geochim. Cosmochim. Acta*, 351, 78–95.
- 226.Bernoulli, D. and Jenkyns, H.C., 2023. Thomas Henry Huxley, a stone tablet, coccoliths, and deep-sea sediments in the high Alps. *Int. J. Earth Sci.*, 112, 1661–1669.
- 227.Gale, A., Batenburg, S., Coccioni, R., Dubicka, Z., Erba, E., Falzoni, F., Haggart, J., Hasegawa, T., Ifrim, C., Jarvis, I., Jenkyns, H., Jurowska, A., Kennedy, J., Maron, M., Muttoni, G., Pearce, M., Petrizzo, M.R., Premoli-Silva, I., Thibault, N., Voigt, S., Wagreich, M. and Walaszczyk, I., 2023. The Global Boundary Stratotype Section and Point (GSSP) of the Campanian Stage at Bottaccione (Gubbio, Italy) and its Auxiliary Sections: Seaford Head (UK), Bocieniec (Poland), Postalm (Austria), Smoky Hill, Kansas (USA), Tepayac (Mexico). *Episodes*, 46, 451–490.
- 228.Chen, L., Mattioli, E., Da, X., Xu, G., Zhu, Z., Zhang, X., Yi, H., Jiang, S., Yasu, W., Jenkyns, H.C. and Tang, J., 2023. Integrated carbon-isotope and calcareous nannofossil stratigraphy in the Middle Jurassic of Qinghai-Xizang (China). *Newsletters on Stratigraphy*, 56, 405–421.