

ERBA ELISABETTA – PUBLICATIONS

- 1- **Erba E.** in Scientific Staff Cruise BAN-84 (1985) - Gypsum precipitation from cold brines in an anoxic basin in the eastern Mediterranean. *Nature*, v. 314, n. 6007, pp. 152-154, 4 fig., Basingstoke.
- 2- Cita M.B., Aghib F., Cambi A., Camerlenghi A., Corselli C., **Erba E.**, Giambastiani M., Herbert T., Kastens K., Leoni C., Malinverno P., McCoy F.W., Nosetto A., Parisi E., & Spezzibottani G. (1985) - Precipitazione attuale di gesso in un bacino anossico profondo: prime osservazioni geologiche, idrologiche, paleontologiche sul Bacino Bannock (Mediterraneo orientale). *Giornale di Geologia*, s. 3, v. 47, n. 1-2, pp. 143-163, Bologna
- 3- **Erba E.** (1986) - I Nannofossili calcarei nell'Aptiano-Albiano (Cretacico inferiore): biostratigrafia, paleoceanografia e diagenesi degli Scisti a Fucoidi del Pozzo Piobbico (Marche). *PhD Thesis*, Univ. Milano, 313 pp., 26 tav., 48 fig., Milano.
- 4- Violanti D., Parisi E. & **Erba E.** (1987) - Fluttuazioni climatiche durante il Quaternario nel Mar Tirreno, Mediterraneo occidentale (carota PC-19 Ban 80). *Rivista Italiana di Paleontologia e Stratigrafia*, v. 92, n. 4, pp. 515-570, 3 tav., 12 fig., 3 tab., Milano.
- 5- **Erba E.** & Parisi E. (1987) - Lamine gelatinose ritrovate in un bacino anossico del Mediterraneo Orientale. *Rendiconti dell' Accademia Nazionale dei Lincei*, v. 80, f. 5 (1986), pp. 299-305, 1 tav., 3 fig., Roma.
- 6- **Erba E.** & Quadrio B. (1987) - Biostratigrafia a Nannofossili calcarei, Calpionellidi e Foraminiferi planctonici della Maiolica (Titoniano superiore-Aptiano) affiorante nelle Prealpi Bresciane (Italia settentrionale). *Rivista Italiana di Paleontologia e Stratigrafia*, v. 93, n.1, pp. 3-108, 11 tav., 12 fig., 4 tab., Milano.
- 7- **Erba E.**, Parisi E. & Cita M.B. (1987) - Stratigraphy and sedimentation in the Western Strabo Trench, Eastern Mediterranean. *Marine Geology*, v. 75, pp. 57-75, 10 fig., 5 tab., Amsterdam.
- 8- Parisi E., **Erba E.** & Cita M.B. (1987) - Stratigraphy and sedimentation in the anoxic Bannock Basin (Eastern Mediterranean). *Marine Geology*, v. 75, pp. 93-117, 12 fig., 6 tab., Amsterdam.
- 9- **Erba E.**, Rodondi G., Parisi E., Ten Haven H.L, Nip M. & De Leeuw J.W. (1987) - Gelatinous pellicles in deep anoxic hypersaline basins from the Eastern Mediterranean. *Marine Geology*, v. 75, pp. 165-183, 11 fig., 3 tab., Amsterdam.
- 10- Lecca L., Carboni S., **Erba E.**, Muller C., Pisano S., Sechi F. & Tilocca G.(1987) - Campagna oceanografica "Margini continentali Sardi 1985": resoconto e risultati preliminari. *Rendiconti della Società Geologica Italiana*, v. 10, pp. 61-64, 6 fig., Roma.
- 11- **Erba E.** (1988) - Aptian-Albian calcareous nannofossil biostratigraphy of the Scisti a Fucoidi cored at Piobbico (Central Italy). *Rivista Italiana di Paleontologia e Stratigrafia*, v.94, n.2, pp. 249-284, 1 tav., 4 fig., 1 tab., Milano.
- 12- Premoli Silva I., **Erba E.** & Tornaghi M.E. (1987) - Mid Cretaceous Corg-rich pelagic facies: their climatic significance and relationship with changes in primary productivity. *Accademia Nazionale dei Lincei, A Mid-Term Conference, Lithosphere Program*, pp. 261-276, 6 fig., Roma.
- 13- Cita M.B., Fornaciari M., Camerlenghi A., Corselli C., **Erba E.**, McCoy F.W. & Vezzoli L. (1988) - Anoxic basins of the Eastern Mediterranean: new evidence from the Bacino Bannock area. *Memorie della Società Geologica Italiana*, v. 36 (1986), pp. 131-144, 7 fig., 1 tab., Roma.
- 14- **Erba E.** (1988) - Prae-Jurassic and Jurassic calcareous nannofossil bibliography: an update. *I.N.A. Newsletter*, v. 10, n. 2, pp. 94-102, London.

- 15- Premoli Silva I., **Erba E.** & Tornaghi M.E. (1989) - Paleoenvironmental signals and changes in surface fertility in Mid Cretaceous Corg-rich pelagic facies of the Fucoïd Marls (Central Italy). *Geobios*, 1989, Mem. 11, pp. 225-236, 6 fig., 3 tab., Lyon.
- 16- **Erba E.** (1989) - Calcareous nannofossils from the Bas Auran section. In: Innocenti M., Mangold G., Pavia G. e Torrens H. "A proposal for the formal ratification of the basal boundary stratotype of the Bathonian stage based on a Bas Auran section (SE France)", *Proc. 2° Int. Symposium on Jurassic Stratigraphy*, Lisbona, 1988, pp. 333-346, 1 fig.
- 17- Bersezio R., **Erba E.** & Fornaciari M.(1989) - The Barremian-Turonian erosional unconformity in the M.Misma area (Lombardy Basin, Southern Alps). *Rivista Italiana di Paleontologia e Stratigrafia*, v. 94, n. 4, pp. 619-630, 7 fig., Milano.
- 18- Robba E., Sartono S., Violanti D. & **Erba E.** (1989) - Early Pleistocene gastropods from Timor (Indonesia). *Memorie di Scienze Geologiche*, v. 41, pp. 61-113, 7 tav., 4 fig., 3 tab., Padova.
- 19- **Erba E.** (1989) - New findings of gelatinous pellicles from the anoxic Bannock and Tyro basins. Reports of the "Conference on the Anoxic Basins of the Eastern Mediterranean", *Suppl. Ricerca Scientifica, Univ. Studi Milano*, pp. 45-46., Milano.
- 20- **Erba E.** (1989) - Stratigraphy of cruise Tyro-87 cores from Bannock, Tyro and Kretheus basins. Reports of the "Conference on the Anoxic Basins of the Eastern Mediterranean", *Suppl. Ricerca Scientifica, Univ. Studi Milano*, pp. 20-21, 2 fig., Milano.
- 21- **Erba E.**, Coccioni R. & Premoli Silva I. (1989) - The "Scisti a Fucoïdi" in the Umbria-Marche area: The Apecchiese road sections. *Memorie Descrittive della Carta Geologica d' Italia*, v. 39, pp. 146-164, 12 fig., Roma.
- 22- **Erba E.** (1989) - Upper Jurassic to Lower Cretaceous *Nannoconus* distribution in some sections from northern and central Italy. *Memorie di Scienze Geologiche*, v. 61, pp. 255-261, 1 fig., 1 tab., Padova.
- 23- Cita M.B., Camerlenghi A., **Erba E.**, McCoy F.W., Castradori D., Cazzani A., Guasti G., Giambastiani M., Lucchi R., Nolli V., Pezzi G., Redaelli M., Rizzi E., Torricelli S. & Violanti D. (1989) - Discovery of mud diapirism in the Mediterranean Ridge. A preliminary report. *Bollettino della Società Geologica Italiana*, v. 108, pp. 537-543, 4 fig., 1 tab., Roma.
- 24- Cita M.B. Aghib F., Arosio S., Folco E., Lamberto S., **Erba E.** & Rizzi A. (1989) - Bacterial colonies and manganese micronodules related to fluid escape on the crest of the Mediterranean Ridge. *Rivista Italiana di Paleontologia e Stratigrafia*, v. 95, n.3, pp. 315-336, 3 tav., 5 fig., 4 tab., Milano.
- 25- Pirini Radrizzani C., Castradori D., **Erba E.**, Guasti G. & Rizzi A. (1989) - A revised method for observing the same nannofossil specimens with scanning electron microscope and light microscope. *Rivista Italiana di Paleontologia e Stratigrafia*, v. 95, n. 4, pp. 449-454, 3 fig., Milano.
- 26- **Erba E.** (1990) - Calcareous nannofossil biostratigraphy of some Bajocian sections from the Digne area (SE France). *Memorie Descrittive della Carta Geologica d' Italia*, v. 40, pp. 237-256, 3 tav., 6 fig., Roma.
- 27- **Erba E.** & Pavia G. (1990) - Record of the discussion about the proposals for the Bajocian G.S.S.P. *Memorie Descrittive della Carta Geologica d' Italia*, v. 40, pp. 63-68, Roma.
- 28- **Erba E.** in ODP Leg 129 Shipboard Party (1990) - Ancient crust on Pacific plate. *Nature*, v. 345, pp. 112, 1 fig., Basingstoke.
- 29- **Erba E.** in ODP Leg 129 Scientific Party (1990) - Jurassic oceanic crust and sediments in the Pacific, at last. *Geotimes*, June 1990, pp.25-26, 3 fig.
- 30- **Erba E.** in Lancelot, Y. Larson R.L. and Scientific Party of ODP Leg 129 (1990) - *Proceedings of the Ocean Drilling Program, Initial Reports*, Volume 129, College Station, Texas.

- 31- **Erba E.** (1991) - Deep mid-water bacterial mats from anoxic basins of the Eastern Mediterranean. *Marine Geology*, v. 100, pp. 83-101, 13 fig., 3 tab., 1991, Amsterdam.
- 32- **Erba E.** (1991) - Le nannoflore calcaree del Cretacico medio dell'Oceano Pacifico occidentale (ODP Leg 129): Evidenze della migrazione della placca pacifica verso il paleoequatore. *Paleopelagos*, v. 1, pp. 7177, 3 fig., 1 tab., Roma.
- 33- Cobianchi M., **Erba E.** & Pirini Radrizzani C. (1992) - Evolutionary trends of calcareous nannofossil genera *Lotharingius* and *Watznaueria* during the Early and Middle Jurassic. *Memorie di Scienze Geologiche*, v. 43, pp. 19-25, 2 fig., 1 tab., Padova.
- 34- **Erba E.**, Castradori D. & Cobianchi M. (1992) - Compilation of Upper Triassic and Jurassic calcareous nannofossil ranges. *Memorie di Scienze Geologiche*, v. 43, pp. 27-40, 2 fig., Padova.
- 35- **Erba E.**, Castradori D., Guasti G. & Ripepe M. (1992) - Calcareous nannofossils and Milankovitch cycles: The example of the Albian Gault Clay Formation (Southern England). *Palaeoclimatology Palaeogeography Palaeoceanography*, v. 93, pp. 47-69, 11 fig., 4 tab., Amsterdam.
- 36- Channell J.E.T. & **Erba E.** (1992) - Early Cretaceous polarity chrons CM0 to CM11 recorded in Northern Italian land sections near Brescia (Northern Italy). *Earth and Planetary Science Letters*, v. 108, pp. 161-179, 17 fig., 3 tab., Amsterdam.
- 37- **Erba E.** (1992) - Calcareous nannofossil distribution in pelagic rhythmic sediments (Aptian-Albian Piobbico core, Central Italy). *Rivista Italiana di Paleontologia e Stratigrafia*, v. 97, pp. 455-484, 18 fig., Milano.
- 38- Camerlenghi A. & **Erba E.** (1992) - Extreme deep-sea environment of the Eastern Mediterranean anoxic basins: the state of the art. *Rivista Italiana di Paleontologia e Stratigrafia*, v. 97, pp. 695-708, 4 fig., Milano.
- 39- Lini A., Weissert H. & **Erba E.** (1992) - The Valanginian carbon isotope event: a first episode of greenhouse climate conditions during the Cretaceous. *Terra Nova*, v. 4, pp. 374-384, 11 fig., Oxford.
- 40- Coccioni R., **Erba E.** & Premoli Silva I. (1992) - Barremian-Aptian calcareous plankton biostratigraphy from the Gorgo Cerbara section (Marche, central Italy) and implications for plankton evolution. *Cretaceous Research*, v. 13, pp. 517-537, 12 fig., London.
- 41- **Erba E.** & Covington J.M. (1992) - Calcareous nannofossil biostratigraphy of Mesozoic sediments recovered from the western Pacific, Leg 129. *Proceedings of the Ocean Drilling Program, Scientific Results*, v. 129, pp. 179-187, 2 fig., 4 tab., College Station, Texas.
- 42- **Erba E.** (1992) - Middle Cretaceous calcareous nannofossils from the Western Pacific (ODP Leg 129): Evidence for paleoequatorial crossings. *Proceedings of the Ocean Drilling Program, Scientific Results*, v. 129, pp. 189-201, 8 fig., 2 tab., College Station, Texas.
- 43- Larson R.L., Steiner M., **Erba E.** & Lancelot Y. (1992) - Paleolatitudes and tectonic reconstructions of the oldest portion of the Pacific plate: a comparative study. *Proceedings of the Ocean Drilling Program, Scientific Results*, v. 129, pp. 615-631, 12 fig., College Station, Texas.
- 44- Barberis A., Fossati S., Bersezio R. & **Erba E.** (1992) - Lithostratigraphy and biostratigraphy of the Maiolica formation from the Lombardy Basin (Southern Alps). *Memorie della Società Geologica Italiana*, v. 45, pp. 111-117, 2 fig., Roma.
- 45- Channell J.E.T., **Erba E.** & Lini A. (1993) - Magnetostratigraphic calibration of the Late Valanginian carbon isotope event in pelagic limestones from Northern Italy and Switzerland. *Earth and Planetary Science Letters*, v. 118, pp. 145-166, 14 fig., 2 tab., Amsterdam. [https://doi.org/10.1016/0012-821X\(93\)90165-6](https://doi.org/10.1016/0012-821X(93)90165-6)
- 46- **Erba E.** in ODP Leg 144 Scientific Party (1993) - Insight on the formation of Pacific Guyots from ODP Leg 144. *EOS*, v. 74, pp. 358-366, 1 fig., 1 tab., Washington D.C.

- 47- **Erba E.** in Premoli Silva I., Haggerty J. A., Rack F.R. and Scientific Party of ODP Leg 144 (1993) - *Proceedings of the Ocean Drilling Program, Initial Reports*, Volume 144 College Station, Texas.
- 48- Larson R.L., Fischer A.G., **Erba E.** & Premoli Silva I. (1993) - APTICORE-ALBICORE: A workshop Report on Global Events and Rhythms of the mid-Cretaceous. 4-9 October 1992, Perugia, Italy, 56 pp., Washington D.C.
- 49- **Erba E.** (1993) - The Early Aptian "nannoconid crisis": a paleobiologic response to global change. *Paleopelagos*, v. 3, pp. 59-73, 6 fig., Roma.
- 50- **Erba E.** & Premoli Silva I. (1993) - Orbitally driven cycles in trace fossil distribution from the Piobbico core (Late Albian, Central Italy). *IAS Special Publication*, v. 19, pp. 211-225, 10 figs., Blackwell, Oxford.
- 51- Gaetani M., Jadoul F., **Erba E.** & Garzanti E. (1993) – Jurassic and Cretaceous orogenic events in the North Karakoram: age constraints from sedimentary rocks. In Treloar P.J. & Searle M.P. (Eds.), *Himalayan Tectonics*, Geological Society Special Publication, no. 74, pp. 39-52, 9 fig., London.
- 52- **Erba E.** (1994) - Nannofossils and superplumes: the Early Aptian nannoconid crisis. *Paleoceanography*, v. 9, pp. 483-501, 12 fig., Washington D.C.
- 53- Sciunnach D. & **Erba E.** (1994) - Il "Selcifero" di Ligornetto (Canton Ticino). *Bollettino della Società Ticinese di Scienze Naturali*, v. 82, pp. 65-110, 2 fig., 16 pl., 3 tab., Lugano.
- 54- Cecca F., Pallini G., **Erba E.**, Premoli Silva I. & Coccioni R. (1994) - Hauterivian-Barremian chronostratigraphy based on ammonites, nannofossils, planktonic foraminifera, and magnetic chrons from the Mediterranean domain. *Cretaceous Research*, v. 15, pp. 457-467, 5 fig., London.
- 55- Channell J.E.T., **Erba E.**, Nakanishi M. & Tamaki K. (1995) - Late Jurassic - Early Cretaceous timescales and oceanic magnetic anomaly block models. In *Geochronology Time Scales and Global Stratigraphic Correlation*, *SEPM Special Publication* n. 54, pp. 51-63, 16 fig., 4 tab., Tulsa.
- 56- Herbert T.D., Premoli Silva I., **Erba E.** & Fischer A.G. (1995) - Orbital chronology of Cretaceous-Paleocene marine sediments. In *Geochronology Time Scales and Global Stratigraphic Correlation*, *SEPM Special Publication* n. 54, pp. 81-93, 11 fig., 2 tab., Tulsa.
- 57- **Erba E.** (1995) - Quantitative nannofossil biostratigraphy of Quaternary sequences from guyots in the central and western Pacific Ocean (ODP Leg 144). *Proceedings of the Ocean Drilling Program, Scientific Results*, v. 144, pp. 3-20, 6 fig., 6 tab., College Station, Texas.
- 58- **Erba E.**, Watkins D. & Mutterlose J. (1995) - Campanian dwarf calcareous nannofossils from Wodejebato Guyot (Leg 144). *Proceedings of the Ocean Drilling Program, Scientific Results*, v. 144, pp. 141-156, 6 fig., 8 tab., 2 pl., College Station, Texas.
- 59- **Erba E.**, Premoli Silva I. & Watkins D. (1995) - Cretaceous calcareous plankton biostratigraphy of Sites 872 through 879 (ODP Leg 144). *Proceedings of the Ocean Drilling Program, Scientific Results*, v. 144, pp. 157-169, 2 fig., 10 tab., College Station, Texas.
- 60- **Erba E.**, Premoli Silva I., Wilson P.A., Pringle M.S., Sliter W.V., Watkins D.K., Arnaud Vanneau A., Bralower T.J., Budd A.F., Camoin G.F., Masse J., Mutterlose J. & Sager W.W. (1995) - Synthesis of stratigraphies from shallow-water sequences at Sites 871 through 879 in the western Pacific Ocean (Leg 144). *Proceedings of the Ocean Drilling Program, Scientific Results*, v. 144, pp. 873-885, 8 fig., College Station, Texas.
- 61- Larson R.L., **Erba E.**, Nakanishi M., Bergersen D.D. & Lincoln J. (1995) - Stratigraphic, vertical subsidence, and paleolatitude histories of ODP Leg 144 guyots. *Proceedings of the Ocean Drilling Program, Scientific Results*, v. 144, pp. 915-933, 13 fig., 2 tab., College Station, Texas.

- 62- Watkins D., **Erba E.** & Premoli Silva I. (1995) - Manganese-encrusted hardgrounds from the Cretaceous and Paleogene of the Marshall Islands. *Proceedings of the Ocean Drilling Program, Scientific Results*, v. 144, pp. 97-126, 4 fig., 2 tab., 6 pl., College Station, Texas.
- 63- Rack F.R., Janecek T.R., **Erba E.**, Fenner J. & Gee J. (1995) - Synthesis of eolian and biostratigraphic studies in the northwest Pacific with comparison to adjacent regions of the Pacific Gyre: evaluating the state-of-the-art in Pacific marine eolian research. *Proceedings of the Ocean Drilling Program, Scientific Results*, v. 144, pp. 691-736, 13 fig., 2 tab., College Station, Texas.
- 64- Watkins D., Pearson, P.N., **Erba E.**, Bohrmann H.W., Boomer I., Fenner J., Hobbs P.R.N., Rack F.R., Shackleton N.J., Premoli Silva I. & Whatley R. (1995) - Stratigraphy and sediment accumulation patterns of the Upper Cenozoic pelagic carbonate caps of guyots in the northwestern Pacific Ocean. *Proceedings of the Ocean Drilling Program, Scientific Results*, v. 144, pp. 675-689, 9 fig., College Station, Texas.
- 65- Channell J.E.T, Cecca F. & **Erba E.** (1995) - Correlations of Hauterivian and Barremian (Early Cretaceous) stage boundaries to polarity chrons. *Earth and Planetary Science Letters*, 134, pp. 125-140, 12 fig., 2 tab., Amsterdam. [https://doi.org/10.1016/0012-821X\(95\)00111-O](https://doi.org/10.1016/0012-821X(95)00111-O)
- 66- Claps M., **Erba E.**, Masetti D. & Melchiorri F. (1995) - Milankovitch-type cycles recorded in Toarcian black shales from the Belluno Trough (Southern Alps, Italy). *Memorie di Scienze Geologiche*, v.47, pp. 179-188, 7 figs., 1 tab., Padova.
- 67- Baumgartner P.O., Martire L., Gorican S., O'Dogherty L., **Erba E.** & Pillevuit A. (1995) - New Middle and Upper Jurassic radiolarian assemblages co-occurring with ammonites and nannofossils from the Southern Alps (Northern Italy). *Mémoires de Géologie (Lausanne)*, v. 23, pp. 737-750, 8 fig., Lausanne.
- 68- Cita M.B., **Erba E.**, Lucchi R., Pott M., v.d. Meer R. and Nieto L. (1996) - Stratigraphy and sedimentation in the Mediterranean Ridge diapiric belt. *Marine Geology*, v. 132, pp. 131-150, 15 fig., 2 tab., Amsterdam.
- 69- Premoli Silva I., **Erba E.**, Spezzaferri S. & Cita M.B., 1996. Age variation in the source of the diapiric Mud Breccia along and across the axis of the Mediterranean Ridge Accretionary Complex. *Marine Geology*, v. 132, pp. 175-202, 3 tav., 8 fig., 2 tab., Amsterdam.
- 70- **Erba E.** (1996) - The Aptian Stage. *Bulletin Institut Royal des Sciences Naturelles de Belgique*, vol. 66 suppl, pp. 31-43, 5 fig, 1 tab., Brussels.
- 71- Bellanca A., Claps M., **Erba E.**, Masetti D., Neri R., Premoli Silva I. & Venezia F. (1996) - Sedimentology, calcareous plankton biostratigraphy, elemental and isotope geochemistry and characterization of limestone/marlstone cycles in the Albian-Cenomanian Cismon section (Venetian region, northern Italy). *Palaeoclimatology Palaeogeography* *Palaeoclimatology*, v. 126, pp. 227-260, 13 fig. 3 tab., Amsterdam.
- 72- Cecca F., Galeotti S., Coccioni R. & **Erba E.** (1996) - The "Faraoni Level" (uppermost Hauterivian, Lower Cretaceous) in the eastern part of Trento Plateau area (Southern Alps, Italy). *Rivista Italiana di Paleontologia e Stratigrafia*, v. 102, pp. 417-424, 5 fig., Milano.
- 73- **Erba E.** & Larson R.L. (1998) - The Cismon APTICORE (Southern Alps, Italy): a "reference section" for the Lower Cretaceous at low latitudes. *Rivista Italiana di Paleontologia e Stratigrafia*, v. 104, pp. 181-192, 4 fig., Milano.
- 74- Gaetani M., Balini M., Vuks V.J., GavriloVA V.A., Garzanti E., Nicora A., **Erba E.**, Cariou E., Cecca F., Premoli Silva I., Petrizzo M.R., Cirilli S. & Bucefalo Palliani R. (1998): Mesozoic of the Mangyshlak (Wets Kazakhstan). In: Peri-Tethys Memoire 4: Epicratonic Basin of Per-Tethyan Platform, *Mémoires du Muséum National d' Histoire Naturelle*, v. 179, pp. 35-74, 14 fig., 6 tab., Parigi.
- 75- Hochuli P.A., Menegatti A.P., Weissert H., Riva A., **Erba E.** & Premoli Silva I. (1999) - Highproductivity and cooling episodes in the Aptian Alpine Tethys. *Geology*, v. 27, pp. 657-660, 2 fig., Boulder.

- 76- Larson R.L. & **Erba E.** (1999) - Onset of the mid-Cretaceous greenhouse in the Barremian-Aptian: Igneous events and the biological, sedimentary and geochemical responses. *Paleoceanography*, v. 14, pp. 663-678, 8 fig., 1 tab., Washington D.C.
- 77- **Erba E.**, Channell J.E.T., Claps M., Jones C., Larson R.L., Opdyke B., Premoli Silva I., Riva A., Salvini G., Torricelli S. (1999) - Integrated stratigraphy of the Cismon Apticore (Southern Alps, Italy): a “reference section” for the Barremian-Aptian interval at low latitudes. *Journal of Foraminiferal Research*, v. 29, pp. 371-391, 7 fig., 2 tab., Lawrence.
- 78- Premoli Silva I., **Erba E.**, Salvini G., Verga D. & Locatelli C. (1999) - Biotic changes in Cretaceous Anoxic Events. *Journal of Foraminiferal Research*, v. 29, pp. 352-370, 9 fig., 1 tab., 4 pl., Lawrence.
- 79- Mattioli E. & **Erba E.** (1999) - Synthesis of calcareous nannofossil events in the Tethyan Lower and Middle Jurassic. *Rivista Italiana di Paleontologia e Stratigrafia*, v. 105, pp. 343-376, 13 fig., 2 tab., 3 pl., Milano.
- 80- Zempolich W.G. & **Erba E.** (1999)- Sedimentologic and chemostratigraphic recognition of third-order sequences in resedimented carbonate: the Middle Jurassic Vajont Limestone, Venetian Alps, Italy. In Advances in “Carbonate Sequence Stratigraphy: Applications to Reservoirs, Outcrops and Models”, *SEPM Special Publication* no. 63, pp. 335-370, 23 fig., 7 tab., Tulsa.
- 81- Channell J.E.T., **Erba E.**, Muttoni G., Tremolada F. (2000) - Early Cretaceous magnetic stratigraphy in the APTICORE drill core and adjacent outcrop at Cismon (Southern Alps, Italy), and correlation to the proposed Barremian/Aptian boundary stratotype. *Geological Society of America Bulletin*, v. 112, pp. 1430-1443, 13 fig., 4 tab., Boulder.
- 82- Hinnov, L.A. Park, J., and **Erba, E.** (2000) - Lower-Middle Jurassic rhythmites from the Lombard Basin, Italy: a record of orbitally forced carbonate cycles modulated by secular environmental changes in West Tethys, in R.L. Hall & P.L. Smith (eds.) *Advances in Jurassic Research 2000, Trans Tech Publications*, pp. 437-454.
- 83- Bellanca, A., **Erba, E.**, Neri, R., Premoli Silva, I., Sprovieri, M., Tremolada, F., and Verga, D. (2002) – Paleoceanographic significance of the Tethyan “Livello Selli” (Early Aptian) from the Hybla Formation, northwestern Sicily: biostratigraphy and high-resolution chemostratigraphic records. *Palaeogeography Palaeoclimatology Palaeoecology*, v. 185, pp. 175-196, 8 figs., 1 tab., Amsterdam.
- 84- Bersezio R., **Erba E.**, Gorza M., and Riva A. (2002) - Berriasian – Aptian black shales of the Maiolica Formation (Lombardian Basin, Southern Alps - Northern Italy): local to global events. *Palaeogeography Palaeoclimatology Palaeoecology*, v. 180, pp. 253–275, 9 figs., 1 tab., Amsterdam.
- 85- Larson, R.L., Pockalny, R.A, Viso, R.F., **Erba, E.**, Abrams, L.J., Luyendyk, B.P, Stock, J.M., and Clayton, R.W. (2002) - Mid-Cretaceous tectonic evolution of the Tongareva triple junction in the southwestern Pacific basin. *Geology*, v. 30, pp. 67-70, 3 figs., Boulder.
- 86- Tremolada F. and **Erba E.** (2002) - Morphometric analyses of Aptian *Assipetra infracretacea* and *Rucinolithus terebrodentarius* nannoliths: Implications for taxonomy, biostratigraphy and paleoceanography. *Marine Micropaleontology*, v. 44, pp. 77-92, 7 figs., 2 pl., 2 tab., Amsterdam.
- 87- Akhmanov, G.G., Premoli Silva, I., **Erba, E.**, and Cita M.B. (2003) – Sedimentary succession and evolution of the Mediterranean Ridge western sector as derived from lithology of mud breccia clasts. *Marine Geology*, v. 195, pp. 277-299, 8 figs., 1 tab., Amsterdam.
- 88- **Erba, E.**, Bartolini, A., and Larson, R.L. (2004) - The Valanginian “Weissert Oceanic Anoxic Event”. *Geology*, v. 32, pp. 149-152, 3 fig., Boulder.
- 89- **Erba, E.**, and Tremolada, F. (2004) - Nannofossil carbonate fluxes during the Early Cretaceous: phytoplankton response to nutrification episodes, atmospheric CO₂ and anoxia. *Paleoceanography*, v. 19, 10.1029/2003PA000884, 10 fig., 1 tab., Washington D.C.

- 90- Crudeli, D., Young, J.R., **Erba, E.**, de Lange, G.J., Henriksen, K., Hanno Kinkel, H., Slomp, C.P., and Ziveri, P. (2004) - Abnormal carbonate diagenesis in Holocene-Late Pleistocene sapropel-associated sediments from the Eastern Mediterranean; evidence from *Emiliania huxleyi* coccolith morphology. *Marine Micropaleontology*, v. 52, pp. 217-240.
- 91- **Erba, E.** (2004) - Calcareous nannofossils and Mesozoic Oceanic Anoxic Events. *Marine Micropaleontology*, v. 52, pp. 85-106.
- 92- 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 keylocalities *Journal of the Geological Society, London*, v. 161, pp. 711-719.
- 93- Weissert, H. & **Erba, E.** (2004). - Volcanism, CO₂ and paleoclimate: a Late Jurassic-Early Cretaceous carbon and oxygen isotope record. *Journal of the Geological Society, London* v. 161, pp. 695-702.
- 94- 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., Farrimonnd, P., Tyson, R., and Jenkyns, H.C. (2004) – Organic-carbon deposition in the Cretaceous of the Ionian Basin, NW Greece: the Paquier Event (OAE1b) revisited. *Geological Magazine*, v. 141, pp. 401-416.
- 95- Thomson, J., Crudeli, D., de Lange, G.J., Slomp, C.P., **Erba, E.**, Corselli, C. & Calvert, S.E. (2004) – *Florisphaera profunda* and the origin and diagenesis of carbonate phases in eastern Mediterranean sapropel units. *Paleoceanography*, 19, 10.1029/2003PA000976
- 96- Kuypers, M.M., van Breugel, Y., Schouten, S., **Erba, E.** & Sinninghe Damsté, J.S. (2004) - N₂-fixing cyanobacteria fuelled Cretaceous oceanic anoxic events. *Geology*, v. 32, pp. 853-956.
- 97- Muttoni G., **Erba E.**, Kent, D.V. & Bachtadse, V. (2005) Mesozoic alpine facies deposition as a result of past latitudinal plate motion *Nature* v. 434, pp. 59-63.
- 98- Kolonic, S., Wagner, T., Forster, A., Sinninghe Damsté, J.S., Walsworth-Bell, B., **Erba, E.**, Turgeon, S., Brumsack, H.J., Chellai, E.H., Tsikos, H., Kuhnt, W., and Kuypers, M.M.M. (2005). Black shale deposition on the northwest African Shelf during the Cenomanian//Turonian oceanic anoxic event: Climatecoupling and global organic carbon burial. *Paleoceanography*, v. 20, PA1006, doi:10.1029/2003PA000950.
- 99- Tremolada, F., B. Van de Schootbrugge, and **E. Erba** (2005), Early Jurassic schizosphaerellid crisis in Cantabria, Spain: Implications for calcification rates and phytoplankton evolution across the Toarcian oceanic anoxic event, *Paleoceanography*, 20, PA2011, doi:10.1029/2004PA001120.
- 100- De Bernardi, B., Ziveri, P., **Erba, E.**, and Thunell, R.C. (2005), Coccolithophore export production during the 1997–1998 El Niño event in Santa Barbara Basin (California). *Marine Micropaleontology* 55: 107– 125
- 101- Principato, M.S., Crudeli, D., Ziveri, P., Slomp, C.P., Corselli, C., **Erba, E.**, de Lange, G.J. (2006). Phyto- and zooplankton paleofluxes during the deposition of sapropel S1 (eastern Mediterranean): biogenic carbonate preservation and paleoecological implications. *Palaeogeography Palaeoclimatology Palaeoecology*, 235: 8-27.
- 102- **Erba, E.** (2006). The first 150 million years history of calcareous nannoplankton: biosphere-geosphere interactions. *Palaeogeography Palaeoclimatology Palaeoecology*, 232: 237-250
- 103- Tremolada, F., **Erba, E.**, van de Schootbrugge, B. and Mattioli E. (2006) - Calcareous nannofloral changes during the late Callovian – early Oxfordian cooling phase. *Marine Micropaleontology* 59: 197-209.
- 104- Crudeli, D., Young, J.R., **Erba, E.**, Geisen, M., Ziveri, P., de Lange, G.J. and Slomp, C.P. (2006) - Fossil record of holococcoliths and selected hetero-holococcolith associations from

- the Mediterranean (Holocene–late Pleistocene): Evaluation of carbonate diagenesis and palaeoecological–palaeoceanographic implications. *Palaeogeography, Palaeoclimatology, Palaeoecology* 237: 191 – 224
- 105- Tremolada F, **Erba E**, Bralower TJ, (2006) - Late Barremian to Early Aptian calcareous nannofossil paleoceanography and paleoecology from the Ocean Drilling Program Hole 641C (Galicia Margin). *Cretaceous Research* 27: 887-897.
- 106- van Breugel, Y., Schouten, S., Tsikos, H., **Erba E.**, Price G.D. and Sinninghe Damst, J.S.¹ (2007) - Synchronous negative carbon isotope shifts in marine and terrestrial biomarkers at the onset of the early Aptian oceanic anoxic event 1a: Evidence for the release of ¹³C-depleted carbon into the atmosphere. *Paleoceanography* 22, PA1210, doi:10.1029/2006PA001341.
- 107- Tremolada, F, **Erba, E.** and Bralower, T. (2007) - A review of calcareous nannofossil changes during the early Aptian Oceanic Anoxic Event 1a and the Paleocene-Eocene Thermal Maximum: The influence of fertility, temperature, and pCO₂. *The Geological Society of America Special Paper* 424: 87-96.
- 108- Clavel B., Charollais J., Conrad M., du Chene R.J., Busnardo R., Gardin S., **Erba E.**, Schroeder R., Cherchi A., Decrouez D., Granier B., Sauvagnat J., Weidmann M. (2007) - Dating and progradation of the Urgonian limestone from the Swiss Jura to South-East France. *Zeit. Dtsch. Gesell. Geowissenschaften* 148: 1025-1062.
- 109- De Bernardi, B., Ziveri, P., **Erba, E.** and Thunell, R.C. (2008) - Calcareous phytoplankton response to the last half century of interannual climatic variability in Santa Barbara Basin (California). *Paleoceanography* 23, PA2215, doi:10.1029/2007PA001503.
- 110- Tremolada, F., De Bernardi, B, and **Erba, E.** (2008) - Size variations of the calcareous nannofossil taxon *Discoaster multiradiatus* (Incertae sedis) across the Paleocene-Eocene Thermal Maximum in Ocean Drilling Program Holes 690B and 1209B. *Marine Micropaleontology* 67: 239-254.
- 111- Li, Y.-X., Bralower T.J., Montanez I.P., Osleger D.A., Arthur M.A., Bice D.M., Herbert T.D., **Erba E.**, and Premoli Silva I. (2008), Toward an orbital chronology for the early Aptian Oceanic Anoxic Event (OAE1a, ~120 Ma). *Earth Planet. Sci. Lett.* 271: 88–100.
- 112- Scopelliti, G., Bellanca, A., **Erba, E.**, Jenkyns, H.C., Neri, R., Tamagnini, P., Luciani, V. and Masetti, D. (2008) - Cenomanian–Turonian carbon-isotope records and biostratigraphy from key sections in Italy and north Africa: palaeoceanographic and tectonic implications. *Palaeogeography Palaeoclimatology Palaeoecology* 265: 59-77.
- 113- De Lange G., Thomson J., Reitz A., Slomp C., Pricipato M.S., **Erba E.**, Corselli C. (2008) Synchronous basin-wide formation and redox-controlled preservation of a Mediterranean sapropel. *Nature Geoscience*, 1: 606-610.
- 114- Neal C.R., Coffin MF., Arndt N.T., Duncan R.A., Eldholm O., **Erba E.**, Farnetani C., Fitton J.G., Ingle S.OP., Ohkouchi N., Rampino M.R., Reichow M.K., Self S., and Tatsumi Y. (2008) - Investigating Large Igneous Province Formation and Associated Paleoenvironmental Events: A White Paper for Scientific Drilling. *Scientific Drilling* 6: 4-18. doi:10.2204/iodp.sd.6.01.2008
- 115- Tremolada F., **Erba E.**, De Bernardi B., and Cecca F. (2009) - Calcareous nannofossil fluctuations during the late Hauterivian in the Cismon core (Venetian Alps, northeastern Italy) and in selected sections of the Umbria-Marche Basin (central Italy): paleoceanographic implications of the Faraoni Level. *Cretaceous Research* 30: 505-514.
- 116- Tiraboschi D., **Erba E.** and 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

- 117- Mehay S., Keller C.E., Bernasconi S.M., Weissert H., **Erba E.**, Bottini C., and Hochuli P.A. (2009) - A volcanic CO₂ pulse triggered the Cretaceous Oceanic Anoxic Event 1a and a biocalcification crisis. *Geology* 37: 819-822.
- 118- Fernandez-Lopez S.R., Pavia G., **Erba E.**, Guiomar M., Henriques M.H., Lanza R., Mangold C., Morton N., Olivero D., and Tiraboschi D. (2009) – Formal proposal for the Bathonian GSSP (Middle Jurassic) in the Ravin du Bés Section (Bas-Auran, SE France). *Swiss Journal of Geoscience* 102: 271-295.
- 119- Fernandez-Lopez S.R., Pavia G., **Erba E.**, Guiomar M., Henriques M.H., Lanza R., Mangold C., Morton N., Olivero D., and Tiraboschi D. (2009) - The Global Boundary Stratotype Section and Point (GSSP) for base of the Bathonian Stage (Middle Jurassic), Ravin du Bes Section, SE France. *Episodes* 32: 222-248.
- 120- Tiraboschi D. and **Erba E.** (2010) - Calcareous nannofossil biostratigraphy (Upper Bajocian-Lower Bathonian) of the Ravin du Bès section (Bas Auran, Subalpine Basin, SE France): evolutionary trends of *Watznaueria barnesiae* and new findings of "*Rucinolithus*" morphotypes". *GEOBIOS* 43: 59–76.
- 121- Lanci L., Muttoni G., **Erba E.** (2010) – Astronomical tuning of the Cenomanian Scaglia Bianca Formation at Furlo, Italy. *Earth and Planetary Science Letter* 292: 231–237.
- 122- Malinverno A., **Erba E.** and Herbert T. (2010) - Orbital tuning as an inverse problem: Chronology of the early Aptian Oceanic Anoxic Event 1a (Selli Level) in the Cismon APTICORE. *Paleoceanography* VOL. 25, PA2203, doi:10.1029/2009PA001769
- 123- **Erba E.** and Casellato C.E. (2010) - Paleocanografia del Giurassico nella Tetide occidentale: l'archivio geologico del Bacino Lombardo. *Atti dell'Istituto Lombardo* 54: 115-140.
- 124- Channell, J.E.T., Casellato C.E., Muttoni G., **Erba E.** (2010) - Magnetostratigraphy, nannofossil stratigraphy and apparent polar wander for Adria-Africa in the Jurassic–Cretaceous boundary interval. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* , 293: 51-75 doi:10.1016/j.palaeo.2010.04.030
- 125- Fraguas A. and **Erba E.** (2010) -Biometric analyses as a tool for the differentiation of two coccolith species of the genus *Crepidolithus* (Pliensbachian, Lower Jurassic) in the Basque-Cantabrian Basin (Northern Spain). *Marine Micropaleontology* 77: 125-136 doi:10.1016/j.marmicro.2010.08.004
- 126- **Erba E.**, Bottini C., Weissert H.J., Keller C.E. (2010) - Calcareous Nannoplankton Response to Surface Water Acidification Around Oceanic Anoxic Event 1a. *Science* 329: 428-432. DOI:10.1126/science.1188886
- 127- F. Jadoul, A. Lanfranchi, F. Berra, **E. Erba**, C.E. Casellato (2010). I sistemi carbonatici giurassici della Sardegna orientale (Golfo di Orosei) ed eventi deposizionali nel sistema carbonatico giurassico-cretacico della Nurra (Sardegna nord-occidentale). *GEOLOGICAL FIELD TRIPS*, vol. 2, p. 1-54, ISSN: 20384947, doi: 10.3301/GFT.2010.02
- 128- Kuroda J., Tanimizu M., Hori R.S., Suzuki K., Ogawa N.O., Tejada, M.L., Coffin M.F., Coccioni R., **Erba E.**, and Ohkouchi N. (2011) - Lead isotopic record of Barremian–Aptian marine sediments: Implications for large igneous provinces and the Aptian climatic crisis. *Earth and Planetary Science Letters*, 307: 126134. doi:10.1016/j.epsl.2011.04.021
- 129- **Erba E.**, Bottini C., Weissert H.J., and Keller C.E. (2011) - Response to Comment on “Calcareous Nannoplankton Response to Surface-Water Acidification Around Oceanic Anoxic Event 1a. *Science* 332: 175. DOI: 10.1126/science.1199608
- 130- Wimbledon W.A.P., Casellato C.E., Rehakova D., Bulot L.G., **Erba E.**, Gardin S., Verreussel R.M.C.H., Munsterman D.K., and Hunt C.O. (2011) – Fixing a basal Berriasian and Jurassic/Cretaceous (J/K) Boundary – Is there perhaps some light at the end of the tunnel? *Rivista Italiana di Paleontologia e Stratigrafia*, 117: 295-307

- 131- Bottini C., Cohen A.S., **Erba E.**, Jenkyns H.C., and Coe A.L. (2012)- Osmium-isotope evidence for volcanism, weathering, and ocean mixing during the early Aptian OAE 1a. *Geology* 40: 583-586 DOI: 10.1130/G33140.1
- 132- Conrad M.A., Clavel B., Granier B., Charollais J., Busnardo R., **Erba E.**, Gardin S., Du Chene R.J., Decrouez D., Cherchi A., Schroeder R., Sauvagnat J. Weidmann M. (2012) - “Stratigraphic, sedimentological and palaeoenvironmental constraints on the rise of the Urgonian platform in the western Swiss Jura” by A. Godet et al. (2010) *Sedimentology* 57, 1088–1125: Discussion. *Sedimentology* 59: 1121– 1125 doi: 10.1111/j.1365-3091.2011.01277.x
- 133- M. Coffin, W. Bach, **Erba E.**, B. Horsfield, B. Ildefonse, K. Kato, J-I. Kimura, D. Kroon, L. McNeill, K. Nealson, K. Okino, S. Schwartz, N. Seama, S. Solomon, B. Taylor, K. Tezuka, P. Wang, U. Harms, C. Moore (2013) - CHIKYU+10 International Workshop - *REPORT, IODP International*, 452 pp.
- 134- **Erba E.** (2013) - Terra calda e Terra ghiacciata: una prospettiva geologica dei cambiamenti climatici. In: Il mutamento climatico. Processi naturali e intervento umano (Ed. A. Provenzale), Il Mulino, pp. 35-47.
- 135- Bralower T.J., Bown P.R., **Erba E.**, Jenkyns H., Leckie M., Robinson S. (2013) - A Workshop Aimed at Advancing our Understanding of Cretaceous Ocean Dynamics by Scientific Ocean Drilling-*REPORT, IODP International*, 67 pp.
- 136- Bottini C., **Erba E.**, D.Tiraboschi, H.C.Jenkyns, S.Schouten, and J.S.SinningheDamsté (2014) – Climate variability and relationship with ocean fertility during the Aptian Stage. *Climate of the Past –Discussion* , 10: 689–738, doi:10.5194/cpd-10-689-2014
- 137- Gambacorta, G., Bersezio, R., **Erba E.** (2014) – Sedimentation in the Tethyan pelagic realm during the Cenomanian: monotonous settling or active redistribution?. *Palaeogeogr. Palaeoclimatol. Palaeoecol.* , 409: 301–319, doi: 10.1016/j.palaeo.2014.05.011
- 138- **Erba E.**, Duncan R.A., Bottini C., Tiraboschi D., Weissert H., Jenkyns H.C., Malinverno, A (2015) - Environmental Consequences of Ontong Java Plateau and Kerguelen Plateau Volcanism. *Geological Society of America Special Paper* 511, p. 271–303, doi:10.1130/2015.2511(15).
- 139- Neal, C.R., Sager, W.W, Sano, T., and **Erba E.**, eds. (2015) - The Origin, Evolution, and Environmental Impact of Oceanic Large Igneous Provinces: Geological Society of America Special Paper 511.
- 140- 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. *Climate of the Past*. 11: 383-402. doi:10.5194/cp11-383-2015
- 141- Patruno, S., Triantaphyllou, M.V., **Erba E.**, Dimiza, M.D., Bottini C., Kaminski, M.A. (2015) The Early Aptian ‘feverish ocean’ revealed by benthic foraminifera: onset and evolution of anoxia across Oceanic Anoxic Event 1a (Gorgo a Cerbara section, Umbria-Marche Basin, Italy). *Palaeogeogr. Palaeoclimatol. Palaeoecol.* , 424: 147-182, doi.org/10.1016/j.palaeo.2015.01.031
- 142- Gambacorta, G., Jenkyns, H.C., Russo, F., Tsikos, H., Wilson, P.A., Faucher, G., **Erba E.** (2015) – High resolution carbon- and oxygen-isotope records of mid-Cretaceous Tethyan pelagic sequences from the Umbria–Marche and Belluno Basins (Italy). *Newsletters on Stratigraphy*, 48/3: 299-323. DOI: 10.1127/nos/2015/0066
- 143- Casellato C.E. and **Erba E.** (2015) – Calcareous nannofossil biostratigraphy and paleoceanography of the 1stToarcian Oceanic Anoxic Event at Colle di Sogno (Southern Alps, Northern Italy). *Rivista Italiana di Paleontologia e Stratigrafia*, 121: 297-327.
- 144- Agnini C., De Bernardi B, **Erba E.** (2016) - Volume and carbonate production estimates of early Paleogene calcareous nannofossils. *Lethaia*, DOI:10.1111/let.12176.
- 145- Gambacorta G., Caronni V., Antonielli E., Previde Massara E., Riva A., Scotti P., Trincianti E., **Erba E.** (2016) – Hot shale in an ice world:Paleoceanographic evolution of the northern

- Godwana margin during the Early paleozoic (Tanezzuft Formation, Tunisia). *Marine and Petroleum Geology*, 72: 393-411.
- 146- Crippa G., Angiolini L., Bottini C., **Erba E.**, Felletti F., Frigerio C., Hennissen J.A.I., Leng M.J., Petrizzo M.R., Raineri G., Stephenson M.H. (2016). Seasonality fluctuations recorded in fossil bivalves during the early Pleistocene: implications for climate change. *Palaeog.*, *Palaeocl.*, *Palaeoec.* 446, 234-251.
- 147- Gambacorta, G., Bersezio R., Weissert H., **Erba E.** (2016), Onset and demise of Cretaceous oceanic anoxic events: The coupling of surface and bottom oceanic processes in two pelagic basins of the western Tethys, *Paleoceanography*, 31, 732–757, doi:10.1002/2015PA002922
- 148- Bottini C., Jadoul F., Rigo M., Zaffani M., Artoni C. & **Erba E.** (2016) - Calcareous nanofossils at the Triassic/Jurassic boundary: stratigraphic and paleoceanographic characterization. *Riv. It. Paleontol. Strat.* 122 (3): 141-164.
- 149- Giorgioni M., Tiraboschi D., **Erba E.**, Hamann Y., Weissert H. (2017) - Sedimentary patterns and paleoceanography of the Albian Marne a Fucoidi Formation (Central Italy) revealed by high resolution geochemical and nanofossil data. *Sedimentology*, 64: 111–126. doi:10.1111/sed.12288
- 150- Dickson, A. J., Saker-Clark, M., Jenkyns, H. C., Bottini, C., **Erba E.**, Russo, F., Gorbanenko, O., Naafs, B.D.A., Pancost, R.D., Robinson, S.A., Van den Boorn, S.J.M., Idiz, E. (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, Kerguelen Plateau). *Sedimentology*, 64: 186–203.
- 151- Faucher G **Erba E.**, Bottini C., Gambacorta G. (2017) - Calcareous nannoplankton response to the latest Cenomanian Oceanic Anoxic Event 2 perturbation. *Riv. It. Paleontol. Strat.* 123 (1): 159-176.
- 152- Faucher, G., Hoffmann, L., Bach, L. T., Bottini, C., **Erba E.**, and Riebesell, U. (2017) - Impact of trace metal concentrations on coccolithophore growth and morphology: laboratory simulations of Cretaceous stress, *Biogeosciences*, 14: 3603-3613 doi.org/10.5194/bg-14-3603-2017
- 153- Bottini C. & **Erba E.** (2018) - Mid-Cretaceous paleoenvironmental changes in the western Tethys. *Clim.Past*, 14, 1147–1163 <https://doi.org/10.5194/cp-14-1147-2018>
- 154- Bottini C., Dieni I., **Erba E.**, Massari F., Weissert H. (2018) - The Valanginian Weissert oceanic anoxic event recorded in central-eastern Sardinia (Italy). *Riv. It. Paleontol. Strat.* 124 (3): 617-637.
- 155- **Erba E.**, Gambacorta G. & Tiepolo M. (2019) - The Gaetani Level: a potential oceanic anoxic event of early Bajocian age (Middle Jurassic). *Riv. It. Paleontol. Strat.* 124: 219-230.
- 156- Gale A.S., Jenkyns H.C., Tsikos H., van Breugel Y., Bottini C., **Erba E.**, Russo F., Falzoni F., Petrizzo M.R. and 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*, 52/1: 97–129, DOI: 10.1127/nos/2018/0445.
- 157- Gambacorta G., Malinverno A. and **Erba E.** (2019) - Orbital forcing of carbonate versus siliceous productivity in the late Albian–late Cenomanian (Umbria-Marche Basin, central Italy). *Newsletters on Stratigraphy* 52/2: 197-220, DOI: 10.1127/nos/2018/0456
- 158- **Erba E.**, Bottini C. Faucher G., Gambacorta G. and Visentin S. (2019) - The response of calcareous nannoplankton to Oceanic Anoxic Events: The Italian pelagic record. *Bollettino Società Paleontologica Italiana*, 58: 51-71. doi:10.4435/BSPI.2019.08
- 159- **Erba E.**, Gambacorta G., Visentin S., Cavalheiro L., Reolon D., Faucher G., Pegoraro M., (2019) – Coring the sedimentary expression of the Early Toarcian Oceanic Anoxic Event: new stratigraphic records from the Tethys Ocean. *Scientific Drilling*, 26, 17-27, doi: 10.5194/sd-26-17-2019, open access

- 160- Ovechkina M.N., **Erba E.** and Bottini C. (2019) - Calcareous nannoplankton proxies for palaeoenvironmental reconstruction of the Albian–Cenomanian succession in North-western Israel (Mount Carmel Region). *Marine Micropaleontology*, 152:101742, doi.org/10.1016/j.marmicro.2019.04.001
- 161- Gambacorta G., Bottini C., Brumsack, H.-J., Schnetger, B., **Erba E.** (2020) - Major and trace element characterization of Oceanic Anoxic Event 1d (OAE 1d) in the western Tethys, *Chemical Geology*, 557 (2020) 119834. <https://doi.org/10.1016/j.chemgeo.2020.119834>
- 162- Bottini C., Dapiaggi M., **Erba E.**, Faucher G., Rotiroti N. (2020) – High resolution spatial analyses of trace elements in coccoliths reveal new insights into element incorporation in coccolithophore calcite. *Scientific Reports*, 10, 9825 (2020). <https://doi.org/10.1038/s41598-020-66503-x>
- 163- Miniati F., Petrizzo M.R., Falzoni F. and **Erba E.** (2020) - Calcareous plankton biostratigraphy of the Santonian-Campanian boundary interval in the Bottaccione section (Umbria-Marche Basin, central Italy). *Riv. It. Paleontol. Strat.* 126(3): 783-801.
- 164- Casellato C.E. & **Erba E.** (2021) - Reliability of calcareous nannofossil events in the Tithonian/Early Berriasian time interval: implications for a revised high-resolution zonation. *Cretaceous Research* 117: 104611. <https://doi.org/10.1016/j.cretres.2020.104611>
- 165- Visentin S., Faucher G., Mattioli E., **Erba E.** (2021) - Taxonomic revision of genus *Carinolithus* (Early - Middle Jurassic) based on morphometric analyses and diagenesis observations: implications for biostratigraphy and evolutionary trends. *Marine Micropaleontology* 162, 101950.
- 166- Percival L.M.E. Tedeschi L.R., Creaser R.A., Bottini C., **Erba E.**, Giraud F., Svensen H.S., Savian J., Trindade R., Coccioni R., Frontalini F., Jovane L., Mather T.A., 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.
- 167- Visentin S. & **Erba E.** (2021) - High-resolution calcareous nannofossil biostratigraphy across the Toarcian Oceanic Anoxic Event in northern Italy: clues from the Sogno and Gajum Cores (Lombardy Basin, Southern Alps). *Riv. It. Paleontol. Strat.*, 127: 539-556.
- 168- Visentin S., **Erba E.**, Mutterlose J., (2021) - Bio- and chemostratigraphy of the Posidonia Shale: a new database for the Toarcian Oceanic Anoxic Event from northern Germany. *Newsletters on Stratigraphy, PrePub article 2021*, DOI: 10.1127/nos/2021/0658
- 169- Bauer K.W., Bottini C., Frei R., Asael D., Planavsky N., Francois R., McKenzie R., **Erba E.**, Crowe S.A. (2021) - Pulsed volcanism and rapid ocean deoxygenation during OAE1a. *Geology*, 49, 1452-1456, <https://doi.org/10.1130/G49065.1>
- 170- Cavalheiro L., Wagner T., Steinig S., Bottini C., Dummann W., Esegbue O., Gambacorta G., Giraldo-Gómez V., A. Farnsworth, S. Flögel, P. Hofmann, D.J. Lunt³ J. Rethemeyer, Torricelli S., **Erba E.** (2021) - Impact of global cooling on Early Cretaceous high pCO₂. *Nature Communications*, 12, 5411 (2021). <https://doi.org/10.1038/s41467-021-25706-0>
- 171- Giraldo-Gómez V.M., Petrizzo M.R., **Erba E.**, Bottini C. (2022) - Paleooceanographic inferences from benthic foraminifera across the early Aptian Ocean Anoxic Event 1a in the western Tethys. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 588: 110803 DOI: doi.org/10.1016/j.palaeo.2021.110803
- 172- **Erba E.**, Cavalheiro L., Dickson A.J., Faucher G., Gambacorta G., Jenkyns H.C., Wagner T. (2022) - Carbon- and oxygen-isotope stratigraphy 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. DOI: 10.1127/nos/2022/0690
- 173- Bauer K.W., Bottini C., Katsev S., Jellinek M., Francois R., **Erba E.**, Crowe S.A. (2022) - Ferruginous oceans during OAE1a and collapse of the marine sulfate pool. *Earth and Planetary Science Letters*, 578, 117324, <https://doi.org/10.1016/j.epsl.2021.117324>.

- 174- Giraldo-Gómez V.M., Petrizzo M.R., Bottini C., Möller C., Wagner T., Cavalheiro L., Esegbue O., Gambacorta G., **Erba E.** (2022)- Bottom water conditions redox dynamics during the Early Cretaceous Weissert Event at ODP Hole 692B (Weddell Sea, Antarctica) reconstructed from the benthic foraminiferal assemblages. *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 587: 110795, doi.org/10.1016/j.palaeo.2021.110795
- 175- Faucher G., Visentin S., Gambacorta G., **Erba E.** (2022) - *Schizosphaerella* abundance and size variations across the Toarcian Oceanic Anoxic Event in the Sogno Core (Lombardy Basin, Southern Alps). *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 595, 110969 doi.org/10.1016/j.palaeo.2022.110969
- 176- Giraldo-Gómez V.M., Petrizzo M.R., **Erba E.**, Bottini C. (2022) - Biostratigraphy, paleobathymetry and paleobiogeography of Lower Cretaceous benthic foraminifera from Shatsky Rise (ODP Leg 198) in the central Pacific Ocean. *Cretaceous Research*, 138 (2022), 105283, <https://doi.org/10.1016/j.cretres.2022.105283>.
- 177- Bauer K. W., McKenzie N.R., Bottini C., **Erba E.**, Crowe S.A. (2023) - Carbon pump dynamics and limited organic carbon burial during OAE1a. *Geobiology* 21: 341-354 DOI: 10.1111/gbi.12538
- 178- Silva R. Jr., **Erba E.**, de Moraes Rios-Netto A., Silva C.S., Alves T.D., Gatto Motta A.L., Valle B., Borghi Abbots-Queiroz F. (2023) - Oceanic anoxic event 2 in Sergipe-Alagoas Basin, Brazil: New paleoecological insights from calcareous nannofossils assemblages. *Marine Micropaleontology*, 178: 102197 <https://doi.org/10.1016/j.marmicro.2022.102197>
- 179- Visentin S., Faucher G., **Erba E.** (2023) - Calcareous nannofossil taxonomy and biostratigraphy of the Toarcian-lower Bajocian Colle di Sogno section (Lombardy Basin, Southern Alps, Italy). *Riv. It. Paleontol. Strat.* 129: 207-228
- 180- A. Gale, S. Batenburg, R. Coccioni, Z. Dubicka, **E. Erba**, F. Falzoni, J. Haggart, T. Hasegawa, C. Ifrim, I. Jarvis, H. Jenkyns, A. Jurowska, J. Kennedy, M. Maron, G. Muttoni, M. Pearce, M.R. InBoundary 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 (U.S.A), Tepayac (Mexico) *EPISODES* [10.18814/epiiugs/2022/022048]
- 181- Gambacorta, G., Cavalheiro, L., Brumsack, H.-J., Dickson, A., Jenkyns, H.C., Schnetger, B., Wagner, T., **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
- 182- Giraldo-Gómez V.M., Petrizzo M.R., Gambacorta G., Bottini C., Gilardoni S., **Erba E.** (2023) - Benthic foraminifera across the Albian–Cenomanian transition and their paleoceanographic significance during OAE1d in the western Tethys (Umbria–Marche Basin, Italy), *Palaeogeogr. Palaeoclimatol. Palaeoecol.*, 31, 111820, <https://doi.org/10.1016/j.palaeo.2023.111820>
- 183- Gambacorta, G., Brumsack, H.-J., Jenkyns, H.C., **Erba E.** (2024) - The early Toarcian Jenkyns Event in the Alpine-Mediterranean Tethys, north African margin, and north European epicontinental seaway. *Earth Science Review*, 248 (2024) 104636. <https://doi.org/10.1016/j.earscirev.2023.104636>
- 184- Bettoni C., **Erba E.**, Castiglione S., Raia P., Bottini C. (2024) - Effects of paleoenvironmental changes on *Watznaueria barnesiae* size across the mid-Cretaceous. *Marine Micropaleontology* 188 (2024) 102343. doi.org/10.1016/j.marmicro.2024.102343
- 185- Percival L.M.E., Matsumoto H., Callegaro S., **Erba E.**, Kerr A.C., Mutterlose J., Suzuki K. (2024) - Cretaceous Large Igneous Provinces: from volcanic formation to environmental catastrophes and biological crises. In: Hart, M. B., Batenburg, S. J., Huber, B. T., Price, G. D., Thibault, N., Wagreich, M. and Walaszczyk, I. (eds) - Cretaceous Project 200 Volume 1: The Cretaceous World. Geological Society, London, Special Publications, 544, doi.org/10.1144/sp544-2023-88

- 186- **Erba E.** and Parente M. (2024) - The resilience of Tethyan planktonic and benthic calcifiers to Early Cretaceous perturbations: comparison between the Valanginian Weissert Event and the early Aptian Oceanic Anoxic Event 1a. In: Hart, M. B., Batenburg, S. J., Huber, B. T., Price, G. D., Thibault, N., Wagreich, M. and Walaszczyk, I. (eds) - Cretaceous Project 200 Volume 2: Regional Studies. Geological Society, London, Special Publications, 545, doi.org/10.1144/SP545-2023-125.
- 187- Bauer K.W., McKenzie N.R., Cheung C.T.L., Gambacorta G., Bottini C., Nordsvan A.R., **Erba E.**, Crowe S.A. (2024) - A climate threshold for ocean deoxygenation during the Early Cretaceous. *Nature* 633: 582-586, doi.org/10.1038/s41586-024-07876-1
- 188- Oliveira A.L., Hollanda M.H.B.M., Schmitz M.D., Macêdo Filho A., **Erba E.**, Crowley J.L. (in review) - Timing of the Equatorial Atlantic Magmatic Province and impact of South American LIPs on the Weissert Event. *Scientific Reports*
- 189- Silva Jr., R., **Erba E.**, Rios-Netto A., Silva S.C., Bruno M., Sabaraense L.D., Borghi L., Mendonça Filho J.G. (submitted) Paleoclimatic and Paleoceanographic Implications Based on Calcareous Nannofossils and Stable Isotopes of the Albian - Campanian in the South Atlantic Ocean. *Palaeogeography, Palaeoclimatology, Palaeoecology*. Available at SSRN: <https://ssrn.com/abstract=4821849> or <http://dx.doi.org/10.2139/ssrn.4821849>