

Papers on peer reviewed Journals

1. Mariotti G., Corda L., Brandano M., & Civitelli G. (2002) - Indicators of paleoseismicity in the Lower-Middle Miocene Guadagnolo Formation (Central Apennines, Italy). In Ettensohn, F.R., Rast, N., and Brett, C.E., eds. «Ancient seismites» Boulder, Colorado, Geological Society of America Special Paper 359, pp. 87-98
2. Mariotti G., Corda L., Brandano M. & Civitelli G. (2002) - Cyclostratigraphy of the Burdigalian Deposition in the Ruffi Mountains (Central Apennines). Boll. Soc. Geol. It., Volume speciale n.1, pp. 603-611
3. Brandano M. (2002) – «La Formazione dei «Calcari a Briozoi e Litotamni» nell'area di Tagliacozzo (Appennino Centrale) e considerazioni paleoambientali sulle facies rodalgali. Boll. Soc. Geol. It., 121, pp. 179-186.
4. Brandano M. & Corda L. (2002) – Nutrients and Tectonics: Constraints for the Facies Architecture of a Miocene Carbonate Ramp in Central Italy. *Terranova* 14, pp. 257-262
5. Brandano M. (2003) - Tropical/Subtropical Inner Ramp Facies in Lower Miocene «Calcari a Briozoi e Litotamni» of the Monte Lungo Area (Cassino Plain, Central Apennines, Italy). Boll. Soc. Geol. It. 122, pp. 85-98.
6. Corda L. & Brandano M. (2003) – Aphotic Zone Carbonate Production on a Miocene Ramp, Central Apennines, Italy. *Sedimentary Geology* 161, pp. 55-70
7. Pomar, L., Brandano, M. & Westphal, H. (2004) - Environmental factors influencing skeletal-grain sediment associations: A critical review of Miocene examples from the Western Mediterranean. *Sedimentology*, 51, 627-651
8. Civitelli G. & Brandano M. (2005) - Atlante delle litofacies e modello deposizionale dei Calcari a Briozoi e Litotamni nella Piattaforma carbonatica laziale-abruzzese. Boll. Soc. Geol. It., 124, 611-643
9. Brandano, M., Corda L. & Mariotti G. (2005) - Orbital forcing recorded in subtidal cycles from a Lower Miocene siliciclastic-carbonate ramp system, (Central Italy). *Terranova*, 17, 434-441
10. Brandano, M., Vannucci, G., Pomar, L. & Obrador A., (2005) Rhodolith assemblages from the Lower Tortonian carbonate ramp of Menorca (Spain): environmental and paleoclimatic implications. *Palaeogeography, Palaeoclimatology, Palaeoecology* 226, 307-323
11. Brandano M., Vannucci G, Mateu-Vicens G. (2007) - Le alghe rosse calcaree come indicatori paleoambientali: l'esempio della rampa carbonatica Laziale-Abruzzese (Burdigaliano, Appennino centrale). Boll. Soc. Geol. It., 126, 55-69.
12. Carminati E., Corda L., Mariotti G. & Brandano M. (2007) -Tectonic control on the architecture of a Miocene carbonate ramp in the Central Apennines (Italy): insights from facies and backstripping analyses. *Sedimentary Geology* 198, 233-253
13. Brandano M. & Civitelli G. (2007) Non-seagrass meadow sedimentary facies of the Pontinian Islands, Tyrrhenian Sea: a modern example of mixed carbonate-siliciclastic sedimentation. *Sedimentary Geology* 201, 286-301
14. Brandano M., Giannini E, Schiavinotto F, Verrubbi V. (2007). *Miogypsina globulina*(Michelotti) from Lower Miocene Villa S. Lucia section (M.te Cairo, Central Apennines). *Geologica Romana*. vol. 40, 119-127

15. Mateu-Vicens G., Hallock P. & Brandano M. (2008) Depositional model and paleoecological reconstruction of the Lower Tortonian distally steepened ramp of Menorca (Balearic Islands, Spain). *Palaios* 23, 465-481.
16. Brandano M. & Civitelli G. (2008) Sequence Stratigraphy of the Latium-Abruzzi carbonate ramp (Miocene, Central Appenines, Italy). In: Amorosi A., Haq B.U. & Sabato L. Eds. "Advances in Application Sequence Stratigraphy in Italy", *Geoacta Special Publication 1*, 217-236
17. Westphal H., Munnecke A., Brandano M. (2008) Miocene high-frequency rhythmic sediment successions between astrochronology and diagenesis: The Tortonian GSSP. *Lethaia* 41,461-476.
18. Brandano M., Frezza V., Tomassetti L. & Cuffaro M. (2009) - Heterozoan carbonates in oligotrophic tropical waters: The Attard Member of the Lower Coralline Limestone Formation (Upper Oligocene, Malta). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 274, 54–63
19. Brandano M, Frezza V., Tomassetti L., Pedley, M & Matteucci R. (2009) - Facies analysis and palaeoenvironmental interpretation of the Late Oligocene Attard Member (Lower Coralline Limestone Formation). *Sedimentology* 56, 1138-1158.
20. Mateu-Vicens G., Hallock P. & Brandano M. (2009) Test shape variability of *Amphistegina d'Orbigny*, 1826 as a paleobathymetric proxy: application to two Miocene examples. In: *Geologic Problem Solving with Microfossils* (T.D. Demchuk & A.C. Gary Eds) *SEPM Special Publ.* 93, pp-67-82.
21. Brandano M., Mateu-Vicens G., Gianfagna A., Corda L., Billi A., Quaresima S. & Simonetti A. (2009). Hardground development and drowning of a Miocene carbonate ramp (Latium-Abruzzi): from tectonic to paleoclimate. *Journal of Mediterranean Earth Science Vol 1*, 47-56.
22. Brandano M. & Piller W.E. (2010) Coralline algae, oyster and echinoids - a liaison in rhodolith formation from the Burdigalian of the Latium-Abruzzi Platform. In: *Carbonate systems during the Oligocene-Miocene climatic transition* (M. Mutti, W.E. Piller & C. Betzler Eds), *IAS Special Publication 42*, 149-164.
23. Brandano M., Westphal H. & Mateu-Vicens G. (2010) - The sensitivity of a foramol-rhodalgial carbonate ramp to rapid sea-level change: the Miocene of the Central Appenines, Italy. In: *Carbonate systems during the Oligocene-Miocene climatic transition* (M. Mutti, W.E. Piller & C. Betzler Eds), *IAS Special Publication 42*, 89-106.
24. Brandano M, Corda L., & Castorina F. (2010) - Facies and sequence architecture of a tropical-foramol rhodalgial carbonate ramp: the Miocene of the central Apennines (Italy). In: *Carbonate systems during the Oligocene-Miocene climatic transition* (M. Mutti, W.E. Piller & C. Betzler Eds), *IAS Special Publication 42*, 107-128.
25. Brandano M, Frezza V., Tomassetti L., Pedley, M & Matteucci R. (2010) - Reply to the Discussion by Peter A. Gatt on "Facies analysis and palaeoenvironmental interpretation of the Late Oligocene Attard Member (Lower Coralline Limestone Formation), Malta" by Brandano et al. (2009), *Sedimentology*, 56, 1138–1158. *Sedimentology* 57, 1155–1158
26. Brandano M., Brilli M., Corda L. & Lustrino M. (2010) - Miocene C-isotope signature from the central Apennine successions (Italy): Monterey versus regional controlling factors. *Terranova*, 22, 125–130, 2010
27. Brandano M., Morsilli M., Vannucci G., Parente M, Borsellini F. & Mateu-Vicens G. (2010). Rhodolith-rich lithofacies of the Porto Badisco Calcarenes (upper Chattian, Salento, southern Italy). *Ital .J .Geosci. (Boll.Soc.Geol.It.)*,129,, 119-131

28. Brandano M, Tomassetti L., Bosellini F. & Mazzucchi A. (2010). Depositional model and paleodepth reconstruction of a coral-rich, mixed siliciclastic-carbonate system: the Burdigalian of Capo Testa (northern Sardinia, Italy). *Facies* 56,433–444
29. Westphal H., Heindel K., Brandano M. & Peckmann J. (2010). Genesis of microbialites as contemporaneous framework components of coral reefs, deglacial of Tahiti (IODP 310). *Facies* 56, 337–352
30. Frezza V., Mateu-Vicens G., Gaglianone G., Baldassarre A. & Brandano M. (2011) Sediments and Benthic foraminiferal assemblages in *Posidonia oceanica* seagrass of the Central-Eastern Tyrrhenian continental shelf (Latium, Italy). *Italian Journal of Geosciences* 130 (3).
31. Brandano M. & Corda L. (2011). The Lower Miocene spongolitic sequence of the Central Apennines: a record of the Burdigalian siliceous event in the Central Mediterranean. *Ann. Naturhist. Mus. Wien, Serie A* 113 145–166
32. Mateu-Vicens G., Brandano M Gaglianone G. & Baldassarre A. (2012) Seagrass-meadow sedimentary facies in a mixed siliciclastic-carbonate temperate system in the Tyrrhenian sea (Pontinian islands, Western Mediterranean). *Journal of Sedimentary Research* 82, 451-463.
33. Brandano M. & Policicchio G. (2012). Strontium Stratigraphy of the Burdigalian transgression in the Western Mediterranean. *Lethaia* 45, 315-328
34. Brandano M., Lipparini L., Campagnoni V. & Tomassetti L. (2012)- Downslope-migrating large dunes in the Chattian carbonate ramp of the Majella Mountains (Central Apennines, Italy). *Sedimentary Geology* 255-256, 29-41
35. Pomar L., Bassant P., Brandano M, Ruchonnet C. & Janson X. (2012) Impact of carbonate producing biota on platform architecture: Insights from Miocene examples of the Mediterranean region. *Earth-Science Reviews* 113 (2012) 186–211
36. Quaranta F., Tomassetti L., Vannucci G. & Brandano M. (2012). Coralline algae as environmental indicators: a case study from the attard member (Chattian, Malta). *Geodiversitas* 34, 151-166
37. Harzhauser, M., Reuter, M., Mandic, O., Schneider, S., Piller, W.E., Brandano, M. (2013) "Pseudo-Sarmatian" mollusc assemblages from the early messinian oolite shoals of Sicily (Italy) (2013) *Rivista Italiana di Paleontologia e Stratigrafia*, 119 (3), pp. 351-386.
38. Tomassetti, L., Brandano, M. (2013) Sea level changes recorded in mixed siliciclastic-carbonate shallow-water deposits: The Cala di Labra Formation (Burdigalian, corsica) (2013) *Sedimentary Geology*, 294, pp. 58-67.
39. Reuter, M., Piller, W.E., Brandano, M. (2013) Fossil psammobiontic sponges and their foraminiferal residents, central Apennines, Italy (2013) *Palaios*, 28 (9), pp. 614-622.
40. Tomassetti, L., Bosellini, F.R., Brandano, M. (2013) Growth and demise of a Burdigalian coral bioconstruction on a granite rocky substrate (Bonifacio Basin, southeastern Corsica) (2013) *Facies*, 59 (4), pp. 703-716.
41. Reuter, M., Piller, W.E., Brandano, M., Harzhauser, M. (2013) Correlating Mediterranean shallow water deposits with global Oligocene-Miocene stratigraphy and oceanic events (2013) *Global and Planetary Change*, 111, pp. 226-236.
42. Brandano, M., Loche, M. (2014) The Coniacian-Campanian Latium-Abruzzi carbonate platform, an example of a facies mosaic (2014) *Facies*, 60 (2), pp. 489-500.
43. Brandano, M., Ronca, S. (2014) Depositional processes of the mixed carbonate-siliciclastic rhodolith beds of the Miocene Saint-Florent Basin, northern Corsica (2014) *Facies*, 60 (1), pp. 73-90.

44. Pomar, L., Mateu-Vicens, G., Morsilli, M., Brandano, M. (2014) Carbonate ramp evolution during the Late Oligocene (Chattian), Salento Peninsula, southern Italy (2014) *Palaeogeography, Palaeoclimatology, Palaeoecology*, 404, pp. 109-132.
45. Brandano, M., Lustrino, M., Cornacchia, I., Sprovieri, M. (2015) Global and regional factors responsible for the drowning of the Central Apennine Chattian carbonate platforms. *Geological Journal* 50, 575-591
46. Brandano, M., Tomassetti, L., Frezza, V. (2015) *Halimeda* dominance in the coastal wedge of Pietra di Finale (Ligurian Alps, Italy): The role of trophic conditions. *Sedimentary Geology*, 320, pp. 30-37.
47. Brandano M., Corda L., Tomassetti L., Testa D. (2015) On the peritidal cycles and their diagenetic evolution in the Lower Jurassic carbonates of the Calcare Massiccio Formation (Central Apennines). *Geologica Carpathica* 66, 393-407.
48. Brandano, M., Cornacchia, I., Raffi, I., Tomassetti, L. (2016) The Oligocene-Miocene stratigraphic evolution of the Majella carbonate platform (Central Apennines, Italy). *Sedimentary Geology* 333, 1-14.
49. Tomassetti, L., Benedetti, A., Brandano, M. (2016) Middle Eocene seagrass facies from Apennine carbonate platforms (Italy). *Sedimentary Geology* 335, 136-149.
50. Brandano M., Bosellini F.R., Mazzucchi A., Tomassetti L. (2016) Coral assemblages and biocostructions adapted to the depositional dynamics of a mixed carbonate-siliciclastic setting: the case study of the Burdigalian Bonifacio Basin (South Corsica). *Rivista di Paleontologia e Stratigrafia Italiana* 122, 37-52.
51. Brandano, M., Tomassetti L., Sardella R., Tinelli C (in press) Progressive deterioration of trophic conditions in a carbonate ramp environment: the *Lithothamnion* Limestone, Majella Mountain (Tortonian–early Messinian, central Apennines, Italy). *Palaios*

Field Trip Guide

1. Brandano M., Jadoul F., Lanfranchi A., Tomassetti L., Berra F., Ferrandini M. & Ferrandini J. (2009) - Stratigraphic architecture of mixed carbonate-siliciclastic system in the Bonifacio Basin (Early-Middle Miocene, South Corsica). *Excursion Guid Book, 27th IAS Meeting of Sedimentology*, Alghero Italy, 20-24 settembre 2009, 299- 313.
2. Brandano, M., Scrocca, D., Lipparini, L., Petracchini, L., Tomassetti, L., Campagnoni, V., Meloni, D., Mascaro, G. (2013) Physical stratigraphy and tectonic settings of Bolognana Formation (Majella): A potential carbonate reservoir. *Journal of Mediterranean Earth Sciences*, 5, pp. 151-176.