

## Curriculum Vitae

### ROBERTO RETTORI

Department of Physics and Geology

University of Perugia

Via Pascoli

I-06123 Perugia, Italy

Direct line: 00390755852664

Fax: 00390755852603

roberto.rettori@unipg.it

#### Education:

Laurea, Geology, University of Perugia, 1988

Ph.D, Earth Sciences, University of Perugia, 1994

#### Research and teaching activities

He graduated in 1988 and obtained a PhD in Earth Science at the Perugia University in 1994. He is Associated Professor at the Department of Physics and Geology of Perugia University, and member of the PhD teaching board. R.R. is the delegate of the Department at Perugia University for the Erasmus Program and he coordinates all the international activities related to this program. He organized several international and national courses, schools and meetings in Perugia University and abroad on paleogeographic and stratigraphic topics and he was field leader for scientific organizations. He is the scientific director of the Paleontological Museum of Pietrafitta (Perugia), scientific member of the Museo del Bottaccione, Gubbio (Perugia), micropaleontological supervisor for Museum project of Umbria and biostratigraphical supervisor in the CARG project of mapping of Italian Geological Survey. He is member of the Italian Society of Paleontology and Honor Member of the Sinica Paleontological Society (China). He coordinates international projects on stratigraphy applied to Hydrocarbon exploration (the more recent is with the Iranian National Oil Company and Ariazamin Pars Geological Center).

He has large experience in teaching activity for undergraduates, graduates and PhD students on: microfacies analysis, biostratigraphy applied to oil industries, paleontology, paleoecology. In 1994-1998 was professor in charge of paleontology at the University of Potenza (Italy) and in 1998-1999 of biostratigraphy at University of Ferrara, Italy. Currently he is teaching at the Master Course on Petroleum Geology and in the Bachelor course at Perugia University. He is consultant for National and International Geologic Surveys and Oil Companies (Total, Exxon, Indago, Shell, RPS, NIOC) and gave seminars and courses in the framework of these collaborations.

Currently, his research activity is mostly focused:

- Systematics, Biostratigraphy and evolution of Carboniferous-Permian and Triassic Foraminifera.
- Paleoecology of Carboniferous Permian and Triassic Foraminifera.
- Microfacies analysis as a tool to characterize rock textures and paleoenvironmental, paleogeographic, paleoclimatological and paleobiogeographic reconstructions;
- Evolution and Extinction rates of microfauna across Permian/Triassic and Triassic/Jurassic boundaries.
- Applied micropaleontology to the hydrocarbon exploration.

Jurassic and Cretaceous shallow water Foraminifera.

Cretaceous to Miocene planktonic foraminifer biostratigraphy.

#### **Position:**

Associate Professor of Paleontology and Micropaleontology, Dipartimento di Fisica e Geologia, University of Perugia.

Deputy Rector for connection with high school students and teachers, job placement and public engagement.

#### **Service to Scientific Community:**

Micropaleontological and biostratigraphical supervisor in the CARG project of mapping of Italian Geological Survey,

Biostratigraphic consulting for oil Industries (Total, Exxon, Indago, Shell, RPS, NIOC)

Organizer of the International School on Planktonic Foraminifera (Perugia),

Organizer of the School on Paleoanthropology (Perugia)

Erasmus coordinator of the Dipartimento di Fisica e Geologia

Leader of field trips for Scientific organizations,

Micropaleontological supervisor on Museum project of Umbria,  
Scientific director of the Paleontological Museum of Pietrafitta (Perugia),  
Scientific member of the Museo del Bottaccione, Gubbio (Perugia)  
Consultant for Chronosurveys

**Public Education in the Media:**

Earth Sciences in the University of Perugia (TV).

**Teaching:**

2006-present Associate Professor, Paleontology and Micropaleontology, University of Perugia, Italy

2000-2006 Research Professor, Paleontology and Micropaleontology, University of Perugia, Italy.

1999-1998 Professor in charge of Biostratigraphy, University of Ferrara, Italy.

1998-1994 Professor in charge, Paleontology, University of Potenza, Italy.

**Professional affiliation:**

Società Paleontologica Italiana,

British Micropaleontological Society,

Honourary Member of the Paleontological Society of China.

Councillor (2010-2013) of the Italian Paleontological Society

**Funded Projects:**

2019-2021 – Participant to the UNI-PG Unit PRIN project - (2017RX9XXY) (funded by MIUR- Italian Ministry of Universitary Research) - Biota resilience to global change: biomineralization of planktic and benthic calcifiers in the past, present and future.

2012- 2018: PI of the Project “Paleontology and Biozonation of Paleozoic Sediments of Central Iran and Zagros” in Cooperation with National Iranian Oil Company (Tehran) and Arianzamin Pars Geological Center (Tehran).

- 2017-2019 – Participant to REDAB – RE-Discovering the Apennine Basement: a multidisciplinary correlation among the Northern Apennine Upper Palaeozoic-Triassic successions. Funded by UniPG- Ricerca di Base. PI: A.Spina
- 2018-2020: Participant to PDI-The Palynomorph Darkness Index and the evolution of the macromolecular structure of sporopollenin during the thermal degradation: correlation and calibration with classical thermal maturity index. Funded by UniPG- Ricerca di Base. PI: A.Spina.
- 2015 – PI, Funded by UniPG- Ricerca di Base: New tools for the paleontological investigation based on high-resolution tomographic images” .
- 2010 – 2014: Participant to the project “Paleogeography, Stratigraphy and Sedimentation Settings of the Antalya Nappes (Southern Turkey), during the Early Mesozoic Times”, (PI UniPG: Cirilli) in the frame of the DARIUS programme “Investigation of the Middle East – Central Asia fold-belts and Basins”.
- 2005-2006: Participant to the research project: Palaeoclimatologic fluctuations on the marine and continental ecosystems: case histories from the geologic past; funded by “Cassa di Risparmio Foundation”.
- 2005- 2007: Participant to 2005 – 2007- PI of the UNIPG Unit of the del Project PRIN-COFIN 2005: Stratigraphic, paleoenvironmental, geochemical and petrographic characterization of the events at the Triassic-Jurassic boundary on the passive margins of the Alpine and Central Atlantic areas: an integrated approach.
- 1999-2001: Participant - Mesozoic carbonatic sequences in Northen-central Apennines, surface informations and lithogenetic features, Perugia University Project.
- 1994-present: Scientific Responsible for the biostratigraphic sector. CARG Project of mapping, sheets 255, 299, 366 (coord. Geological Survey of Italy).
- 1996-2000: Mass extinction and recovery at the Permo/Triassic boudary Project (coord: A: Baud, Lausanne.
- 1994-2000: Scientific Responsible for the biostratigraphic sector - CNR Project (coord. Farinacci University of Rome and Zamparelli University of Napoli).
- 1997-1999: Partecipant - Biological crisis, adaptative radiations and dynamics of carbonate platforms, National Project, Cofin 97 (coord. Cherchi, University of Cagliari).
- 1996-1998: Participant - Sedimentary Basin Analysys, National Program MURST, ex 40% (coord. For UNIPG-unit: Cirilli).
- 1995-1998: Scientific Responsible for the Foraminifer studies- Working Group on the definition of the Ladinian-Carnian Boundary and its Stratotype, CNR Project (coord. Broglio Loriga, University of Ferrara).

- 1995-1996 – Responsible for UNIPG unit - Western Tethys from Permian to Triassic: biostratigraphy and physic stratigraphy of the main carbonatic depositional systems (coord. Martini, University of Geneva).
- 1991-1995: Scientific Responsible for biostratigraphy: Sequence Stratigraphy of Meso-Cenozoic successions in Western Tethys, (CNR- FNSRS (Italy) Bilateral Projects (Italy-Switzerland, PI: Cirilli UniPG).
- 1991-1994: Scientific Responsible for biostratigraphy - Stratigraphy of the organic events in Triassic and Jurassic of Northern and Central Apennines, Perugia University Project (coord. Cirilli).
- 1988-1992. Scientific Responsible for biostratigraphy - Permian and Triassic in the circummediterranean area, stratigraphic and paleogeographic correlations ((CNR-Bilateral Projects (UniPG, Italy- Geological Survey of Israel, PI: Cirilli UniPG).
- 1988- 1994 Scientific collaborator in Murst and Ateneo Projects.

### **Recent Grant applications**

(submitted on July, 3rd, 2018) – Participant of the Uni-PG Unit PRIN project - PNRA18.00177-E project - Programma Nazionale di Ricerca in Antartide - funded by MIUR - Italian Ministry of University Research: *Paleoenvironmental and paleoclimate changes in southern Gondwana between Permian and Triassic: the Beacon Supergroup record of Victoria Land*

### **Publications:**

1. ZANINETTI L., CIARAPICA G., MARTINI R., SALVINI-BONNARD G. & RETTORI R. (1987) -*Turriglomina scandonei*, n. sp., dans les calcaires recifaux du Trias Moyen (Ladinien) en Apennin meridional. *Rev. Paleobiol.*, 6 (2).
2. MASTANDREA A. & RETTORI R. (1989) - Presenza di una associazione a sphinctozoi (Poriferi) nei corpi carbonatici della Formazione di Monte Facito (Appennino meridionale). *Atti Soc. Nat. Mat. di Modena*, 120.
3. CIARAPICA G., CIRILLI S., MARTINI R., RETTORI R. ZANINETTI L. & SALVINI-BONNARD G. (1990) - Carbonate Buildups and associated facies in the Monte Facito Formation (Southern Apennines). *Boll. Soc. Geol. It.*, 109.
4. ZANINETTI L., CIARAPICA G., MARTINI R. & RETTORI R. (1990) - Paléoécologie des Turriglomines (Foraminifères) dans le Trias de l'Apennin méridional (Bassin de Lagonegro) Italie. *Archs. Sci. Genève*, 43 (2).

5. BARTOCCINI P. & RETTORI R. (1991) - Calcareni oolitiche a *Protopeneroplis striata* Weynshenk, 1950 nei Calcari diasprigni della serie umbro-marchigiana (Appennino settentrionale). *Boll. Soc. Geol. It.*, CX.
6. ZANINETTI L., RETTORI R., HE Y. & MARTINI R. (1991) - *Paratriasina* He, 1980 (Foraminiferida, Trias medio della Cina): morfologia, tassonomia, filogenesi. *Rev. Paléob.*, 10(2).
7. ZANINETTI L., RETTORI R., MARTINI R., CIRILLI S. & CIARAPICA G. (1992) - Il foraminifero *Abriolina* Luperto, 1963 (Trias medio, Appennino meridionale): ridefinizione, tassonomia, nuovi dati sulla distribuzione stratigrafica. *Rev. Paléob.*, 11(1).
8. RETTORI R. & ZANINETTI L. (1993) - *Paulbronnimannia*, n. gen., (Foraminiferida, Ammodiscidae, Paulbronnimanniae, n. subfam., Trias), un nuovo genere per *Agathammina judicariensis* Premoli Silva, 1971. *Rev. Paleob.*, 12(1).
9. RETTORI R., ZANINETTI L., MARTINI R. & VACHARD D. (1993) - *Piallina tethydis*, gen et sp. nov. (Foraminiferida), from the Triassic (Carnian) of the Kocaeli Peninsula (Turkey). *Journ. Micropal.*, 12/2.
10. ANGIOLINI L. & RETTORI R. (1994) - *Chitralina undulata* n.gen., n. sp. (Foraminiferida) from the Late Permian of Karakorum (Pakistan). *Riv. It. Strat. Paleont.*, 110/4.
11. MUTTONI G., CHANNEL J.E.T., NICORA A. & RETTORI R. (1994) - Magnetostratigraphy and biostratigraphy of an Anisian-Ladinian (Middle Triassic) boundary section from Hydra (Greece). *Palaeo, Palaeo, Palaeo*, 111.
12. RETTORI R. (1994) - Replacement name *Hoyenella*, gen. nov., (Triassic Foraminifera, Miliolina) for *Glomospira sinensis* Ho, 1959. *Boll. Soc. Paleont. It.*, 33(3).
13. MUTTONI G. & RETTORI R. (1994) - New biostratigraphic data on the Triassic of the Marathovouno hillock area (Chios Island, Greece). *Riv. It. Paleont. Strat.*, 99(4).
14. RETTORI R., ANGIOLINI L. & MUTTONI G. (1994) - Lower and Middle Triassic Foraminifers of Eros Limestone, Hydra Island, Greece. *Jour. of Micropaleontology*, 13/1.
15. VACHARD D., MARTINI R., RETTORI R. & ZANINETTI L. (1994) - Nouvelle classification des foraminifères endothyroïdes du Trias. *Geobios*, 27, 5.

16. ZANINETTI L, RETTORI R. & MARTINI R. (1994) - Paulbronnimanninae Rettori & Zaninetti, 1993 (Foraminiferida, Ammodiscidae) and other Anisian foraminifera from the Piz da Peres section (Valdaora-Olang, Pusteria Valley, Dolomites, NE Italy). *Riv. It. Strat. Paleont.*, 100/3.
17. ZANINETTI L., RETTORI R. & MARTINI R. (1994) - *Aulotortus? eotriasicus*, n. sp., un nuovo foraminifero del Trias medio (Anisico) delle Dinaridi ed Ellenidi. *Boll. Soc. Paleont. It.*, 33(1).
18. RETTORI R. (1995) - Foraminiferi del Trias inferiore e medio della Tetide: revisione tassonomica, biostratigrafia ed interpretazione filogenetica. *Publ. Dep. Geol. Paleont. de Geneve*, 18.
19. RETTORI R. (1995) - Associazioni a foraminiferi nel Carnico. *Ann. Univ. Ferrara*, 5 .
20. MARTINI R., RETTORI R, UROSEVIC D. & ZANINETTI L. (1995) - Le genre *Piallina* Rettori & Zaninetti (Foraminifère) dans des calcaires à Turriglomines du Trias Carnien) de Serbie orientale (Domaine Carpatho-Balkanique). *Rev. Paleob.*, 14/2.
21. ZAMPARELLI V., IANNACE A. & RETTORI R. (1995) - Upper Triassic Foraminifers (Ammodiscidae and Aulotortidae) from the Scifarello Formation, S. Donato Unit (Northern Calabria, Italy). *Rev. Paleob.*, 14/2.
22. DI BARI D. & RETTORI R. (1996) - Morphological features of *Triasina hantkeni* Majzon, 1954 (Foraminiferida) and remarks on the test wall structure. *Rev. Micropaleontologie*, 39(4).
23. MUTTONI G., KENT D.V., MECO S., NICORA A., GAETANI M., BALINI M., GERMANI D. & RETTORI R. (1996) - Magneto-biostratigraphy of the Spathian to Anisian (Lower to Middle Triassic) Kcira section, Albania. *Geophysical Journ. Intern.*, 127.
24. NINI C. & RETTORI R.(1996) - A new species of *Prodentalina* Norling (Foraminiferida) from the Early Jurassic of Umbria-Marche Apennines. *Boll. Soc. Paleont. Ital.*, 35(1).
25. DI BARI D. & RETTORI R. (1996). - *Papillaria laghii* gen. et sp. nov. (Foraminiferida) from Triassic (Carnian) of the Dolomites, Italy. *Rev.de Paleob.*, 16 (1).
26. RETTORI R., SENOWBARI-DARYAN B. & ZÜHLKE R. (1996) - *Flatschkoefelia anisica* gen et sp. nov. (Foraminiferida) from the Middle Triassic (Anisian) of Northern Dolomites, Italy. *Riv. It. Paleont. Strat.*, 102(3) .

27. BUCEFALO PALLIANI R., LUCHETTI L., NINI C., NOCCHI M. & RETTORI R. (1997) - Age determination and paleoecological inferences of the latest part (Lonnano Member) of M. Falterona Sandstone Formation (Early Miocene, Northern Apennines). *Giorn. Geol.*, v. 59, n. 1-2, 143-168, Bologna.
28. RETTORI R., LORIGA C. & NERI C. (1998) - Lower Carnian foraminifera from the type locality of the Calcare del Predil (Northeasten Dolomites, Italy). *Riv. It. di Strat. e Paleont.*, 104/3.
29. DI BARI D. & RETTORI R. (1998) - *Cassianopapillaria*, new name for the foraminiferal genus *Papillaria* di Bari & Rettori, 1996. *Rev. de Paleobiologie*, 17/2.
30. BROGLIO LORIGA C., CIRILLI S., DE ZANCHE V., DI BARI D., GIANOLLA P., LAGHI G.F., LOWRIE W., MANFRIN S., MASTANDREA A., MIETTO P., MUTTONI G., NERI C., POSENATO R., RECHICHI M., RETTORI R. & ROGHI G. (1998) - A GSSP candidate for the Ladinian/Carnian boundary: the Prati di Stuores/Stuores Wiesen section (Dolomites, Italy). *Albertiana*, 21.
31. MUTTONI G., KENT D.V., MECO S., BALINI M., NICORA A., RETTORI R., GAETANI M. & KRYSTYN L. (1998) - Towards a better definition of the Middle Triassic magnetostratigraphy and biostratigraphy in the Tethys realm. *Earth and Planetary Sciences Letters*, 164.
32. GARZANTI E., NICORA A. & RETTORI R. (1998) - Permo-Triassic boundary and Lower to Middle Triassic in south Tibet. *Journ. of Asian Earth Sciences*, Vol. 16(2-3).
33. BROGLIO LORIGA C., CIRILLI S., DE ZANCHE, V., DI BARI, D., GIANOLLA, P., LAGHI G., MANFRIN, S. MASTANDREA, A., MIETTO, P., MUTTONI, G., NERI, C., POSENATO, R., RECHICHI, M.C., RETTORI, R. & ROGHI, G. (1999) - The Prati di Stuores/Stuores Wiesen section (Dolomites, Italy): a candidate Global Stratotype section and Point for the base of the Carnian stage. *Riv. Ital. Paleont. e Stratig.*, 105 (1).
34. CORNÉE J.J., MARTINI R., VILLENEUVE M., ZANINETTI L., MATTIOLI E., RETTORI R., ATROPS F. & GUNAWAN W. (1999) - Mise en évidence par nannoplancton calcaire de dépôts pélagiques du Jurassique inférieur et moyen dans la ceinture ophiolitique de Sulawesi (Indonésie). Consequences. *Geobios*, 32/3.
35. CIRILLI S., M.T. GALLI, F. JADOU, R. RETTORI & A. SPINA (2000) - Implicazioni stratigrafico-paleoclimatiche ed evoluzione paleogeografica della successione Retico-Hettangiano del M. Albenza (Prealpi Bergamasche). In A. Cherchi & C. Corradini (Eds), "Crisi biologiche, radiazioni adattative e

dinamica delle piattaforme carbonatiche. Convegno di fine progetto nazionale di ricerca COFIN97, Modena, 13-14 giugno 2000". Accademia Nazionale di Scienze, Lettere e Arti di Modena, 21.

36. CRASQUIN-SOLEAU S., BERRA F. & RETTORI R. (2000) - A Late Triassic ostracod assemblage from the Quattervals Nappe (Austroalpine, Northern Italy). *Riv. It. Paleont. Strat.*, 16 (2).
37. ALTINER D., RETTORI R., ZANINETTI L. & MARTINI R. (2001) - *Turriglomina ? anatolica*, n. sp. (Foraminiferida) from the Cretaceous of North-Western Anatolia (Turkey): remarks on the evolution of Mesozoic meandrospirids. *Riv. It. Paleont. Strat.*, vol 107, n. 3.
38. BERRA F. & RETTORI R. (2001) – Paleoenvironmental control on the foraminiferal and microfossil distribution in the Norian succession of the Quattervals Nappe (Austroalpine, Lombardy, Italy). *Atti ticinensi di Scienze della Terra*, 42.
39. LUCHETTI L., BROZZETTI F., NINI C., NOCCHI M. & RETTORI R. (2002) - Lithostratigraphy, integrated biostratigraphy and paleoenvironmental analysis of the Monte Santa Maria Tiberina succession (Umbria-central Italy). *Boll. Soc. Geol. It.*, Vol. Spec. 1.
40. CIRILLI S., DECANDIA A., LAZZAROTTO A., PANDELI E., RETTORI R., SANDRELLI F. & SPINA A. (2002) - Stratigraphy and depositional environment of the Mt. Argentario Sandstone Fm. (southern Tuscany, Italy). *Boll. Soc. Geol. It.*, Spec. Vol. 1.
41. PLESI G., LUCHETTI L., DANIELE G., BROZZETTI F., NOCCHI M., RETTORI R., BUCEFALO-PALLIANI R., BOTTI F., BOSCHERINI A. & MOTTA A. (2002) - The Tuscan succession of the western Umbria (F.289 - Città di Castello) biostratigraphic, petrographic and structural features, regional correlations. *Boll. Soc. Geol. It.*, Spec. Vol. 1.
42. MAURER F. & RETTORI R. (2002) – Middle Triassic Foraminifera from the Seceda Core (Dolomites, Northern Italy). *Riv. It. Paleont. Strat.*, 108/3.
43. FUGAGNOLI A., GIANNETTI A. & RETTORI R. (2003) - A new foraminiferal Genus (Miliolina) from the Early Jurassic of the Southern Alps (Calcari Grigi Formation, Northeastern Italy). *Revista Espanola de Micropal.*, 35/1.
44. GROVES J.R, LARGHI C., NICORA A., & RETTORI R. (2003) - Mississippian (Lower Carboniferous) microfossils from the Chios Mélange (Chios Island, Greece). *Geobios*, 36/4.
45. BALINI M., ZANCHI A., MARONI F., ARMENTANO A., RETTORI R.

(2003) – Geologia dell'area Levis-Monte Corona (Trento). *Studi Tridentini di Sc. Nat., Acta Geol.*, 78.

46. GROVES., ALTINER D. & RETTORI R. (2003) – Origin and early evolutionary radiation of the order Lagenida (Foraminifera). *Journ. Paleont*, vol.77/5.
47. GROVES J.R., RETTORI R. & ALTINER D. (2004) – Wall structures in selected Paleozoic Lagenide Foraminifera. *Journ. Paleontology*, 78/2.
48. BERRA F., RETTORI R. & BASSI D. (2005)- Recovery of carbonate platform production in the Lombardy Basin durino the Anisian: paleoecological meaning and constrains on the paleogeographic evolution. *Facies*, 51/1.
49. GARZANTI E., GROVES J.R. & RETTORI R. (2005) – Foraminiferal evidence for the age of exotic blocks within the Koprìa Mélange, Rhodos (Greece). *Riv. Ital. Strat. Paleont.*, 111/1.
50. GAETANI M., GARZANTI E., POLINO R., KIRICKO Y., KORSAKHOV S., CIRILLI SIMONETTA, NICORA A., RETTORI R., LARGHI C., (2005) – Stratigraphic evidence for Cimmerian events in NW Caucasus (Russia). *Bull. Société Géologique de France*, 3.
51. GROVES J.R., ALTINER D. & RETTORI R. (2005) – Extinction, survival, and recovery of lagenide Foraminifers in the Permian-Triassic Boundary interval (Central Taurids, Turkey). *Journ Paleont., Mem. Paleont. Society*, 79/4.
52. ALTINER D., GROVES J.R., RETTORI R. (2005) - Extinction, survival and recovery of lagenide Foraminifers in the Permian-Triassic Boundary interval, Central Taurids, Turkey Paleontological Society Memoir, 62
53. FUMIO KOBAYASHI, ROSSANA MARTINI, R. RETTORI, LOUISETTE ZANINETTI, HARUO SAEGUSA, AND BENJAVUN RATANASTHIEN (2006) - A new find of Triassic foraminifers of the Lampang Group, Northern Thailand. *Journ. of Asian Earth Sciences*, 27
54. ANGIOLINI LUCIA, CARABELLI LAURA, NICORA A., CRASQUIN-SOLEAU S., MARCOUX J., RETTORI R. (2007)-Brachiopods and other fossils from the Permo-Triassic boundary beds of the Antalya Nappes (SW Taurus, Turkey). *Geobios*, 40
55. CHECCONI A., BASSI D., PASSERI L., RETTORI R. (2007) - Coralline red algal assemblage from the Middle Pliocene shallow-water temperate carbonates of the Monte Cetona (Northern Apennines, Italy) *Facies*, 1.

56. CACCIATORE M.S., DI STEFANO P., RETTORI R. (2007) - Carbonate platform basin systems of Sicily around the Triassic-Jurassic boundary: new data from the campofiorito area (Sicanian Mountains, Western Sicily) *Quaderni del Museo Geologico G. G. Gemmellaro*, 9.
57. GROVES J.R., RETTORI R., PAYNE J.L., BOYCE M.D. J.L., ALTINER D., (2007) - End Permian mass extinction of lagenide foraminifers in Southern Alps (Northern Italy). *Journal of Paleontology*, 3, 81
58. MAURER F., RETTORI R., MARTINI R. (2007) - Triassic stratigraphy and evolution of the Arabian shelf in the Northern United Arab Emirates. *International Journal of Earth Sciences*, 96
59. MARTINI R., PAWLOWSKI J., RETTORI R. (2008) 2007 - Cushman award winner: citation for Louisette Zaninetti *Journal of Foraminiferal Research*, 1, 38
60. CHECCONI A., RETTORI R., SPALLUTO L.(2008) - Biostratigrafia a foraminiferi del Cretaceo Superiore della successione di Parco Priore (Calcare di Altamura, Piattaforma Apula, Italia meridionale) *Annali dell'Università di Ferrara. Sezione: Museologia scientifica e naturalistica*, 4
61. VACHARD D., RETTORI R., ANGIOLINI L., CHECCONI A., (2008) - *Glomomidiella* gen.n.(Foraminifera, Miliolata, Neodiscidae) a new genus from the late Guadalupian-Lopingian of Hydra Island (Greece). *Rivista italiana di Paleontologia e Stratigrafia*, 114, 3
62. ANGIOLINI L., CHAOUACHI C., SOUSSI M., VERNA V., DAVYDOV V.I., HENDERSON C.H., NICORA A., RETTORI ROBERTO, CARABELLI L., (2008) - New fossil findings and discovery of conodonts in the Guadalupian of Jebel Tebagh de Medenine: biostratigraphic implications., *Permophiles*, 51
63. GAETANI M., ANGIOLINI L., UENO K., NICORA A., STEPHENSON M.H., SCIUNNACH D., RETTORI R., PRICE G.D., SABOURI J. (2008) - Pennsylvanian-Early Triassic stratigraphy in the Alborz Mountains (Iran).*Spec. Pub. Geol. Soc. London*, 312
64. MAURER F., MARTINI R, RETTORI R., HILLGARTNER H., CIRILLI S. (2009) - The geology of Khuff outcrop analogues in the Musandam Peninsula, United Arab Emirates and Oman. *GeoArabia*, 14.
65. RIGAUD S., MARTINI R., RETTORI R., STANLEY G.D.JR. (2010) - Stratigraphic potential of the Upper Triassic benthic foraminifers Albertiana,, 38.
66. ANGIOLINI LUCIA, CHECCONI A., GAETANI M., RETTORI R. (2010)

- The latest Permian mass extinction in the Alborz Mountains (North Iran). Geological Journal, 45.
67. GALE L., RETTORI R., MARTINI R., SMUC A., KOLAR-JURKOVSEK T. & ROZIC R. (2011) – Duostominidae (Foraminifera, Robertinida) from the Upper Triassic beds of the Slovenian basin (Southern Alps, Slovenia). Riv. It. Paleont. Strat., 117/3, 375-397.
68. GALE L., RETTORI R., MARTINI R., KASTELIC A., PRAPROTNIK J., JAMNIK M., ŠMUC<sup>D</sup>, ROŽIČ A.B. (2012) – Miliolipora species (Foraminifera, Miliolina) from the Rhaetian Dachstein Limestone of Karavanka Mts. (Slovenia): Paleoecological and paleobiogeographic implications. Rev. De Micropaleontologie 55/3, 99-112.
69. GALE L., RETTORI R., MARTINI R. (2012) – Critical review of Pseudocucurbitidae (Miliolina, Foraminifera) from the Late Triassic reef environment of the Tethyan area. Journ. of Micropal., v. 31/2, 179-186
70. RIGAUD S., R. MARTINI, R. RETTORI (2012) - Parvalamellinae, a new subfamily for Triassic glomosprioid Involutinidae. Journal of Foraminiferal Research, 42/3, 245-256.
71. GAETANI M., NICORA A., HENDERSON C., CIRILLI S., GALE L., RETTORI R., VUOLO I., ATUDOREI V. (2012) - Refinements in the Upper Permian to Lower Jurassic stratigraphy of Karakorum, Pakistan. Facies, 59
72. GALE L., RETTORI R., MARTINI R., ROZIC B. (2013) – *Decapoalina* n.gen. (Miliolata, Milioliporidae: Late Triassic), a new foraminiferal genus for “*Sigmoilina*” *schaeferae* Zaninetti, Altiner, Dager & Ducret, 1982. Boll. Soc. Paleont. It., 52/2.
73. FRONTALINI F., MARGARITELLI G., FRANCESCANIELI F., RETTORI R., ARMYNOT DU CHÂTELET E., COCCIONI R. (2013) Benthic foraminiferal assemblages and biotopes in a coastal lake: the case study of Lake Varano (southern Italy). Acta Protozoologica 52(2)
74. RIGAUD S., R. MARTINI, R. RETTORI (2013) - A new genus of Norian involutinid foraminifer: its morphological, biostratigraphic and evolutionary significance. Acta Paleontologica Polonica, 58/2, 391-405.
75. RIGAUD S., BLAU J., R. MARTINI, R. RETTORI (2013) Taxonomy and Phylogeny of the Trocholonidae (Involutinina). Journal of Foraminiferal Research, 43/4.
76. FRONTALINI F., SEMPRUCCI F., ARMYNOT DU CHÂTELET E., FRANCESCANIELI, F. MARGARITELLI G., RETTORI R., SPAGNOLI

- F.,BALSAMO M., COCCIONI R. (2014) Biodiversity trends of the meiofaunal meiofaunal and foraminiferal assemblages of Lake Varano (Southern Italy). Proceedings of the Biological Society of Washington, 127/1
77. GAETANI M., MECO S., RETTORI R., TULONE A. (2014) The Permian and Triassic in the Albanian Alps: preliminary note. Albertiana, 41
78. GHADERI A., GARBELLI C., ANGIOLINI L., ASHOURI A., KORN D., RETTORI R. GHARAIE M.H.M. (2014) Faunal change near the end-Permian extinction: the brachiopods of the Ali Bashi Mountains, NW Iran. Rivista Italiana di Paleontologia e Stratigrafia, 120/1
79. STEPHENSON M.H., POWELL J.H., RETTORI R., NICORA A., PERRI C. (2014) Permian-Triassic transition, Dead Sea, Jordan: preliminary report. Permophiles, 60.
80. ANGIOLINI L., ZANCHI A., ZANCHETTA S., NICORA A., VUOLO I., BERRA F., HENDERSON C., MALASPINA N., RETTORI R., VACHARD D., VEZZOLI G. (2015) From rift to drift in South Pamir (Tajikistan): Permian evolution of a Cimmerian terrane. Jour. of Asian Earth Science, 102.
81. SYLVAIN RIGAUD, JOACHIM BLAU, ROSSANA MARTINI, ROBERTO RETTORI (2015) Taxonomy, phylogeny and functional morphology of the foraminiferal genus *Involutina*. Acta Paleontologica Polonica 60/1.
82. GAETANI M., SALAMM., RETTORI R., HENDERSON C., TULONE A. (2015) The Permian and Triassic in the Albanian Alps. Acta Geol. Polonica, 65.
83. AMENDOLA U., PERRI F., MONACO P., CRITELLI S., CIRILLI S., TRECCI T., RETTORI R. (2016) Oligocene-Miocene foredeep deposits of Macigno Fm. In Trasimeno Lake area (Northern Apennines): new constraints on provenance, source area weathering, sorting and recycling. Marine and Petroleum Geology, 69.
84. ERIC ARMYNOT DU CHÂTELET, VIVIANE BOUT-ROUMAZEILLES, RODOLFO COCCIONI, FABRIZIO FRONTALINI, FABIO FRANCESCAVELLI, GIULIA MARGARITELLI, ROBERTO RETTORI, FEDERICO SPAGNOLI, FEDERICO SEMPRUCCI, ALAIN TRENTESAUX, NICOLAS TRIBOVILLARD (2016) Environmental control on a land-sea transitional setting-integrated microfaunal, sedimentological and geochemical approaches. Environmental Earth Sciences, 75/2

85. MARGARITELLI G., VALLEFUOCO M., DI RITA F., CAPOTONDI L., BELLUCCI L.G., INSINGA D.D., PETROSINO P., BONOMO S., CACHO I., CASCELLA A., FERRARO L., FLORINDO F., LURBITTO C., LURCOCK P.C., MAGRI D., PELOSI N., RETTORI R., LIRER F. (2016) Marine response to climate changes during the last five millenia in the central Mediterranean Sea. *Global and Planetary Change*, 142.
86. POWELL J.H., STEPHENSON M.H., NICORA A., RETTORI R., BORLENGHI L.M., PERRI C. (2016) The Permian-Triassic boundary, dead Sea, Jordan: transitional alluvial to marine depositional sequences and conodont/foraminifera biostratigraphy. *Rivista Italiana di Paleontologia e Stratigrafia*, 122/3.
87. MARGARITELLI G., CISNEROS M., CACHO I., CAPOTONDI L., VALLEFUOCO M., RETTORI R., LIRER F. (2018) – Climatic variability from the Talaiotic Age to the Present in the Central-Western Mediterranean Sea (Menorca Basin) detected by planktonic Foraminifers and stable isotope records. *Global and Planetary Change*, 169
88. VACHARD D., RETTORI R., ALTINER D., AND GENNARI V. (2017) *Angelita* a new name for the permian foraminifer *Angelina* Altiner, 1988 (Family Pseudovidalinidae), 47/3.
89. DI RITA FEDERICO, LIRER F., BONOMO S., CASCELLA A., FERRARO, L., FLORINDO F., INSINGA D.D. , LURCOCK P.C. , MARGARITELLI G. , PETROSINO P. , RETTORI R., VALLEFUOCO M., MAGRI D (2018) Late Holocene forest dynamics in the Gulf of Gaeta (central Mediterranean) in relation to NAO variability and human impact. *Quaternary Science Reviews*, 179.
90. SPINA A., CLAYTON G., SASSI P., DI MICHELE A., RIBOULLEAU A., VECOLI M., RETTORI R., ANNUNZIATO M., RIQUIER L., CIRILLI S., SERVAIS T. (2018) Application of Palynomorph Darkness Index (PDI) to assess the thermal maturity of palynomorphs : a case study from North Africa. *Intern. Journ. of Coal Geology*, 188 .
91. SPINA A., STEPHENSON M.H., CIRILLI S., ARIANA-SAB M., RETTORI R. (2018) Palynostratigraphy of the Permian Faraghan Formation in the Zagros Basin, Southern Iran. *Riv. It. Paleont. Strat.*, 124/3
92. CHERIN M., IURINO D., ZANATTA M., FERNANDEZ V., PACIARONI A., PETRILLO C., RETTORI R., SARDELLA R. (2018) Synchrotron radiation reveals the identity of the large felid from the Monte Argentario (Early Pleistocene, Italy). *Scientific Reports* 8.

93. GALE L., BARATTOLO F., RETTORI R. (2018) Morphometric approach to determination of Lower Jurassic siphovalvulinid foraminifera. *Riv. It. Paleont. Strat.*, 124/2.
94. GENNARI V., CHERIN M., RETTORI R. (2018) Systematic revision and phylogenetic assessment of the subfamilies included in the foramiferal family Globivalvulinidae. *Acta Paleontologica Polonica*, 63.
95. GENNARI V., RETTORI R. (2019) *Globigaetania angulata* gen.n., sp.n. (Globivalvulininae, Foraminifera) from the Wordian (middle Permian) of NW Iran. *Riv. It. Paleont. Strat.* 125/1.
96. NICORA A., PERRI M.C., POWELL J.H., RETTORI R., STEPHENSON M.H., MASRI A., BORLENGHI L.M., POSENATO R., GENNARI V. (2019) Early Triassic (Induan to Olenekian) conodonts, foraminifera and bivalves from the Mamalah area, Dead Sea, Jordan:constraints on the P-T boundary. *Riv. It. Paleont. Strat.* 125/1
97. GENNARI V., RETTORI R. (2019) The revised Permian Genus *Dagmarita* Reitlinger, 1965 (Dagmaritinae, Foraminifera) and its phylogenetic relationships. *J. Paleont.* 93.
98. SPINA A., CIRILLI S., SORCI A., CLAYTON G., GENNARI V., GHORBANI M., GHORBANI M., OVISSI M., RETTORI G., RETTORI R. (2020) Palynology of the Permian succession from Ajabshir area 1 (Azerbaijan, Central Iran): a preliminary report. *Geopersia* DOI: 10.22059/GEOPE.2020.298640.648534
99. SPINA A., CIRILLI S., GHORBANI M., RETTORI R., SORCI A., SERVAIS T. (2020) Middle-late Cambrian acritarchs of the Zagros Basin (southwestern Iran) Palynology. DOI: <https://doi.org/10.1080/01916122.2020.1771624>
100. GALE L., RIGAUD S., GENNARI V., BLAU J., RETTORI R., MARTINI R., GAETANI M. (2020) Recognition of upper Triassic temperate foraminiferal assemblages: insights from the Khodz Group (NW Caucasus, Russia). *Global and Planetary Change* 188.
101. PEYROTTY G., UEDA H., PEYBERNES C., RETTORI R., MARTINI R. (2020) Upper Triassic shallow-water carbonate from the Naizawa Accretionary Complex, Hokkaido (Japan). New insight from Panthalassa. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 554.
102. CHECA H., MARGARITELLI G., PENA L.D., FRIGOLA J., LIRER F., CACHO I. RETTORI R. (2020) High resolution paleo-environmental changes during the Sapropel 1 in the North Ionian Sea, central Mediterranean. *The Holocene*, 30/8.

103. MARGARITELLI G., CACHO I., CATALA' A., BARRA M., BELLUCCI L.G., LUBRITTO C., RETTORI R., LIRER F. (2020)- Persistent warm Mediterranean surface waters during the Roman period. Scientific Reports 06/2020.

## BOOKS

- PREMOLI SILVA I. & SLITER W.V. (2001) - Practical Manual of Cretaceous Planktonic Foraminifera. PREMOLI SILVA I. & RETTORI R. (Eds.), ENI publ., S. Donato Milanese, Milano, 462pp.
- PREMOLI SILVA I., RETTORI R. & VERGA D. (2003) - Practical Manual of Paleocene and Eocene Planktonic Foraminifera. RETTORI R. & VERGA D. (Eds.), Perugia, 152pp.
- PREMOLI SILVA I. & VERGA D. (2004) - Practical Manual of Cretaceous Planktonic Foraminifera. VERGA D. & RETTORI R. (Eds.), Perugia, 283pp.
- CIRILLI S. & RETTORI R. (2004) – La spina dorsale dell’Umbria. In: La poesia del divenire. Bardi Ed., Roma
- IACCARINO S.M., PREMOLI SILVA I. & COLL. (2005) - Practical Manual of Oligocene to Middle Miocene Planktonic Foraminifera. BIOLZI M, IACCARINO M.S. & RETTORI R. (Eds.), Perugia.
- PREMOLI SILVA I. & PETRIZZO M.R. (2006) – Practical Manual of Eocene Planktonic Foraminifera. PREMOLI SILVA I., PETRIZZO M.R., SOLDAN D., RETTORI R. (Eds.), Perugia.
- BRIGUGLIO A., RETTORI R. 2020 Phylum Foraminifera In: Manuale di Paleontologia. Fondamenti e applicazioni. Idelson-Gnocchi Ed., Napoli

Perugia, 18/07/2022

Roberto Rettori