

**Dati personali**

*Massimo Mattei, nato a Roma il 26.11.1961.*

*Residente in Via Principe Amedeo 128, 00185 – Roma.*

**Posizione Accademica:** Professore Ordinario di Geologia Strutturale (Geo-03)

*Dipartimento di Scienze, Università di Roma TRE. L.go S. Leonardo Murialdo 1, 00146, Roma.*

**Educazione Universitaria:** \* 1986 - Laurea in Scienze Geologiche (110/110 cum laude), presso il Dipartimento di Scienze della Terra dell'Università di Roma "La Sapienza".

\*1992 - Ph.D. in Scienze Geologiche presso il Dipartimento di Scienze della Terra dell'Università di Roma "La Sapienza".

**Carriera Accademica successiva al conseguimento del Dottorato:**

1987 - CNR - Centro Studi per la Geologia dell'Italia Centrale. Borsista

1992- Dipartimento di Scienze della Terra dell'Università "La Sapienza" di Roma - Ricercatore non confermato in Geologia e Paleontologia (D01)

1992 - Dipartimento di Scienze Geologiche dell'Università degli Studi "Roma Tre – Ricercatore non confermato in Geologia e Paleontologia (D01)

1995-1998 - Dipartimento di Scienze Geologiche dell'Università degli Studi "Roma Tre – Ricercatore confermato in Geologia e Paleontologia (D01)

1998-2001 - Facoltà di Scienze MM FF e NN dell'Università della Basilicata, Potenza - Professore Associato in Geologia Strutturale (D01C).

1998- Dipartimento di Scienze della Terra dell'Università di Cergy-Pontoise Francia - Visiting Professor (Dicembre, 2008)

2001-2010 Dipartimento di Scienze Geologiche dell'Università degli Studi "Roma Tre – Professore Associato in Geologia Strutturale (D01C-GEO/03).

2011- Dipartimento di Scienze Geologiche dell'Università degli Studi "Roma Tre – Professore Ordinario in Geologia Strutturale (D01C-GEO/03).

2004 - Institute of Geophysics del Swiss Federal Institute of Technology Zurich (ETH)(Svizzera) - Visiting Professor (dal 21 giugno al 20 Agosto 2004).

**Attività editoriale:** “Associate Editor” del *Geological Society American Bulletin* (2010-attuale)  
“Guest Editor” (2009) per la rivista "*Journal of Virtual Explorer*";  
“Guest Editor” (2009) per la rivista "*Tectonophysics*";

**Attività organizzativa e professionale: -**

- Nel 1987-88 ha ottenuto l'**incarico** per il rilevamento geologico a scala 1:10.000 del territorio del Comune di Offida.

- **Collaboratore professionale** della società petrolifera LASMO nell'ambito dei progetti di esplorazione dell'area italiana nell'anno 1987.

- Nel 1995 ha ottenuto un **incarico annuale di ricerca** presso l'Istituto Nazionale di Geofisica,2 di Roma.
  - 1992-1995 **componente** della Commissione Scientifica di Ateneo di Roma TRE
  - Dal 2001 ad oggi è **componente** della Commissione di Programmazione della Facoltà di Scienze MM.FF.NN dell'Università di Roma TRE.
  - **Componente** della Commissione nazionale per la conferma in ruolo dei Ricercatori Universitari del SSD GEO/03, per il triennio 2004-2006.
  - **Responsabile scientifico** del Laboratorio di Paleomagnetismo presso il Dipartimento di Scienze Geologiche dell'Università di Roma TRE.
  - **Responsabile scientifico** per l'Università di Roma TRE del "Centro Interuniversitario di Magnetismo delle Rocce" insieme alle Università degli Studi di Torino (Prof. Roberto Lanza), Università degli Studi di Milano (Prof. Giovanni Muttoni), Università di Parma (Prof. Marco Roveri), Università di Urbino (Dott. Luca Lanci). Il consorzio ha sede presso il Laboratorio di Paleomagnetismo ALP di Peveragno (Cu).
- Direttore del Rilevamento** del Foglio Geologico N. 375, a scala 1:50.000 "Tivoli" nell'ambito del progetto CARG.
- Membro del Senato Accademico dell'Università di Roma TRE** Novembre 2008-2011.

### Pubblicazioni

2024

NATALI, C., AGHAZADEH, M., BRASCHI, E., AVANZINELLI, R., BADRZADEH, Z., BIANCHINI, G., CASALINI, M., AGOSTINI, S., MATTEI, M., CONTICELLI S. (2024) - Ages, geochemistry and Sr-Nd-Pb Isotopes of alkaline potassic volcanic rocks from the Ahar-Arasbaran Region (NW Iran): Evidence for progressive evolution of mantle sources during the Neotethyan subduction system. *LITHOS*, 470–471, 107504.  
<https://doi.org/10.1016/j.lithos.2024.107504>.

TROLESE, M., CERMINARA, M., GIORDANO, G., BRAND, B. D., POLLOCK, N., CIFELLI, F., MATTEI M., (2024) - Thermal transient PDC behavior induced by topographic drops: A test case at Mt. St. Helens, USA. *EPSL*, 627, 1 February 2024, 118441  
<https://doi.org/10.1016/j.epsl.2023.118441>.

CARICCHI, C., ALDEGA, L., SAGNOTTI, L., CIFELLI, F., CORRADO, S., & MATTEI, M. (2024) - Magnetic fabric as a marker of thermal maturity in sedimentary basins: A new approach for reconstructing the tectono-thermal evolution of fold-and-thrust-belts. *Tectonics*, 43, e2024TC008530. <https://doi.org/10.1029/2024TC008530>

2023

SIRAVO, G., SPERANZA, F., & MATTEI, M. (2023)- Paleomagnetic evidence for pre-21 Ma independent drift of South Sardinia from North Sardinia-Corsica: "Greater Iberia" versus Europe. *Tectonics*, 42, e2022TC007705. <https://doi.org/10.1029/2022TC007705>

MATTEI M., FIORAMONTI V., CAVINATO G.P., CIFELLI F., MAZZINI I., PAROTTO M., SARDELLA R. & SIRNA M. (2023) - Magnetostratigraphy of the Collepardo late Pliocene faunal assemblage (Early Villafranchian Triversa Faunal Unit), Ernici Mts., Central Italy. *Ital. J. Geosci.*, 142(3), XX-XX, <https://doi.org/10.3301/IJG.2023.19>.

**MATTEI M. CIFELLI F. (2023)**- Analisi paleomagnetiche nei depositi post-orogenici. In Capotorti, Franco, & Chiarini, Edi. (2023, December 12). Note Illustrative della Carta geologica d'Italia alla scala 1:50.000, F. 348 Antrodoco, Servizio Geologico d'Italia - ISPRA. <http://doi.org/10.15161/oar.it/143493>

**MATTEI, M., CIFELLI, F. (2023)** - Le inversioni del campo magnetico terrestre. *GEOLOGICAMENTE*, 10, 39-45 [10.3301/GM.2023.01].

## 2022

**CASALINI M., TOMMASINI S., GUARNIERI L., AVANZINELLI R., LANARI R., MATTEI M. & CONTICELLI S. (2022)** - Subduction- related lamproitic signature in intraplate- like volcanic rocks: the case study of the Tallante alkali basalts, Betic Chain, South- Eastern Spain. *Ital J. Geosci*, Vol. 141(1), 145-160, <https://doi.org/10.3301/IJG.2022.06>

**M CASALINI, R AVANZINELLI, S TOMMASINI, C NATALI, G BIANCHINI, D PRELEVIĆ, MATTEI M. & CONTICELLI S. (2022)** Petrogenesis of Mediterranean lamproites and associated rocks: The role of overprinted metasomatic events in the post-collisional lithospheric upper mantle. *Geological Society, London, Special Publications* 513 (1), 271-296

## 2021

**G. MONDATI, M. SPADI, E. GLIOZZI, D. COSENTINO, F. CIFELLI, G. P. CAVINATO, M. TALLINI & M. MATTEI (2021)** The tectono-stratigraphic evolution of the Fucino Basin (central Apennines, Italy): new insights from the geological mapping of its north-eastern margin., *Journal of Maps*, 17:2, 87-100, DOI: 10.1080/17445647.2021.1880981

**A ZANCHI, S ZANCHETTA, F BERRA, M MATTEI, HR JAVADI, C MONTEMAGNI (2021)** Cenozoic Dextral Shearing Along the Arusan Sector of the Great Kavir–Doruneh Fault System (Central Iran), *Tectonics* 40 (11), e2021TC006766. [doi.org/10.1029/2021TC006766](https://doi.org/10.1029/2021TC006766)

**M DELCHIARO, V FIORAMONTI, M DELLA SETA, GP CAVINATO, M MATTEI (2021)** Fluvial inverse modeling for inferring the timing of Quaternary uplift in the Simbruini range (Central Apennines, Italy) *Transactions in GIS* 25 (5), 2455-2480. DOI: 10.1111/tgis.12833

**PAKNIA, M., BALLATO, P., HEIDARZADEH, G., CIFELLI, F., OSKOOI, B., FEINBERG, J., JACKSON, M. J., BILARDELLO, D., SALVINI, F., MIRZAEI ATAABADI, M., TADAYON, M., REZA GHASSEMI, M., & MATTEI, M. (2021)**. Middle-late Miocene normal faulting in the intermontane Tarom basin during the collisional deformation of the Arabia-Eurasia collision zone, NW Iran: A regional process or a local feature? *Journal of Asian Earth Sciences*, 217, [104846]. <https://doi.org/10.1016/j.jseaes.2021.104846>

**PAKNIA, M., BALLATO, P., HEIDARZADEH, G., CIFELLI, F., HASSANZADEH, J., VEZZOLI, G., M. MIRZAEI ATAABADI, M. R. GHASSEMI, AND M. MATTEI (2021)**. Neogene tectono-stratigraphic evolution of the intermontane Tarom Basin: Insights into basin filling and plateau

building processes along the northern margin of the Iranian Plateau (ArabiaEurasia collision zone). *Tectonics*, 40, e2020TC006254. <https://doi.org/10.1029/2020TC006254>

## 2020

**TESCIONE I, CASALINI M, MARCHIONNI S, BRASCHI E, MATTEI M AND CONTICELLI S (2020)** Conservation of  $^{87}\text{Sr}/^{86}\text{Sr}$  During Wine-Making of White Wines: A Geochemical Fingerprint of Geographical Provenance and Quality Production. *Front. Environ. Sci.* 8:153. doi: 10.3389/fenvs.2020.00153

**M. MATTEI, F. CIFELLI, H. ALIMOHAMMADIAN, H. RASHID (2020)** The role of active strike-slip faults and opposite vertical axis rotations in accommodating eurasia-arabia shortening in Central Iran. *Tectonophysics*, 774 (2020), p. 228243, [10.1016/j.tecto.2019.228243](https://doi.org/10.1016/j.tecto.2019.228243)

**AMATO V, AUCELLI PPC, CESARANO M, ROSSKOPF CM, CIFELLI F, MATTEI M.** A 900 m-deep borehole from Boiano intermontane basin (southern Apennines, Italy): Age constraints and palaeoenvironmental features of the Quaternary infilling. *Geological Journal*. 2020;1–19. <https://doi.org/10.1002/gj.4045>

## 2019

**MATTEI M., VISCONTI A. L., CIFELLI F., NOZAEM R., WINKLER A., SAGNOTTI L. (2019).** Clockwise paleomagnetic rotations in northeastern Iran: Major implications on recent geodynamic evolution of outer sectors of the Arabia-Eurasia collision zone. *Gondwana Research* 71. 194–209. <https://doi.org/10.1016/j.gr.2019.01.018>.

**CIFELLI F., BASILE F., CARLUCCI G., FUNICIELLO F., MATTEI M. (2019).** Sismo-Lab: an ASL Project for the realization of an educational kit on earthquakes *Rend. Online Soc. Geol. It.*, Vol. 49 (2019), pp. 121-126, 4 figs. (<https://doi.org/10.3301/ROL.2019.61>)

**CASALINI M., PENSA A., AVANZINELLI R., GIORDANO G., MATTEI M., CONTICELLI S., (2019).** Geodynamics and magmatism of the Central Mediterranean region. *Mem. Descr. Carta Geol. d'It.* 104, 9 – 30.

## 2018

**TESCIONE I., MARCHIONNI S., CASALINI M., VIGNOZZI N., MATTEI, M., CONTICELLI S., (2018).**  $^{87}\text{Sr}/^{86}\text{Sr}$  isotopes in grapes of different cultivars: A geochemical tool for

geographic traceability of agriculture products. *Food Chem.*258:374-380. doi:5 10.1016/j.foodchem.2018.03.083.

ABBAS, H., MICHAL, M., CIFELLI, F., GIANOLLA, P., LUSTRINO, M., CARMINATI, E. (2018). Emplacement modes of the Ladinian plutonic rocks of the Dolomites: Insights from anisotropy of magnetic susceptibility. *Journal of Structural Geology*, 113, 42-61, DOI: 10.1016/j.jsg.2018.05.012.

## 2017

**MATTEI, M.**, CIFELLI, F., ALIMOHAMMADIAN, H., RASHID, H., WINKLER, A., SAGNOTTI, L. (2017). Oroclinal bending in the Alborz Mountains (Northern Iran): New constraints on the age of South Caspian subduction and extrusion tectonics. *Gondwana Research*, 42, 13-28 DOI: 10.1016/j.gr.2016.10.003.

BALLATO, P., CIFELLI, F., HEIDARZADEH, G., GHASSEMI, M. R., WICKERT, A. D., HASSANZADEH, J., DUPONT-NIVET, G., BALLING, P., SUDO, M., ZEILINGER, G., SCHMITT, A. K., **MATTEI, M.**, STRECKER M. R., (2017). Tectono- sedimentary evolution of the northern Iranian Plateau: insights from middle-late Miocene foreland-basin deposits. *Basin Research*. DOI: 10.1111/bre.12180

COSENTINO, D., ASTI, R., NOCENTINI, M., GLIOZZI, E., KOTSAKIS, T., **MATTEI, M.**, ESU, D., SPADI, M., TALLINI, M., CIFELLI, F., PENNACCHIONI, M., CAVUOTO, G., DI FIORE, V. (2017). New insights into the onset and evolution of the central Apennine extensional intermontane basins based on the tectonically active L'Aquila Basin (central Italy). *GSA Bulletin* doi: <https://doi.org/10.1130/B31679.1>

AVANZINELLI, R., CIONI, R., CONTICELLI, S., GIORDANO, G., ISAIA, R., MATTEI, M., MELLUSO, L., Sulpizio, R. (2017). The Vesuvius and the other volcanoes of Central Italy. *Geological Field Trips*, 9 (1), 7-158.

TROLESE, M., GIORDANO, G., CIFELLI, F., WINKLER, A., MATTEI, M. (2017). Forced transport of thermal energy in magmatic and phreatomagmatic large volume ignimbrites: Paleomagnetic evidence from the Colli Albani volcano, Italy. *Earth and Planetary Science Letters*, 478, 179-191. doi.org/10.1016/j.epsl.2017.09.004.

## 2016

CARICCHI, C., CIFELLI, F., KISSEL, C., SAGNOTTI, L., & MATTEI, M. (2016). Distinct magnetic fabric in weakly deformed sediments from extensional basins and fold-and-thrust

structures in the Northern Apennine orogenic belt (Italy). *Tectonics*. 35, 2 (1) 238-6 256. DOI: 10.1002/2015TC003940.

CIFELLI, F., CARICCHI, C., & MATTEI, M. (2016). Formation of arc-shaped orogenic belts in the Western and Central Mediterranean: a palaeomagnetic review. *Geological Society, London, Special Publications*, 425, SP425–12. From: Pueyo, E. L., Cifelli, F., Sussman, A. J. & Oliva-Urcia, B. (eds) *Palaeomagnetism in Fold and Thrust Belts: New Perspectives*. Geological Society, London, Special Publications, 425, <http://doi.org/10.1144/SP425.12><sup>[L]</sup><sub>[SEP]</sub>

MARCHIONNI, S., BUCCIANI, A., BOLLATI, A., BRASCHI, E., CIFELLI, F., MOLIN, P., PAROTTO, M., MATTEI, M., TOMMASINI, S., CONTICELLI, S. (2016). Conservation of 87 Sr/86 Sr isotopic ratios during the winemaking processes of "Red" wines to validate their use as geographic tracer. *Food Chemistry*, 190, 777–785. <http://dx.doi.org/10.1016/j.foodchem.2015.06.026>

## 2015

TESCIONE, I., MARCHIONNI, S., MATTEI, M., TASSI, F., ROMANO, C., & CONTICELLI, S. (2015). A Comparative 87 Sr/86 Sr Study in Red and White Wines to Validate its Use as Geochemical Tracer for the Geographical Origin of Wine. *Procedia Earth and Planetary Science*, 13, 169–172. Doi: 10.1016/j.proeps.2015.07.039

GARCÍA-LASANTA, B. OLIVA-URCIA, T. ROMÁN-BERDIEL, A.M. CASAS, I. GIL-PEÑA, Y. SÁNCHEZ-MOYA, A. SOPEÑA, A.M. HIRT, **M. Mattei** (2015). Evidence for the Permo-Triassic transtensional rifting in the Iberian Range (NE Spain) according to magnetic fabrics results. *Tectonophysics*, 651–652, 216–231. doi:10.1016/j.tecto.2015.03.023

RASHID, H., CIFELLI, F., **MATTEI, M.** (2015). Late folding-related magnetic foliation in the active Ferdows (northeastern Iran) thrust-fold system. *Journal of Asian Earth Sciences*, 108, 48-57, DOI: 10.1016/j.jseaes.2015.04.023.

BOLLATI A., MOLIN P., CIFELLI F., PETRANGELI A. B., PAROTTO M., **MATTEI M.** (2015). An integrated methodology of viticultural zoning to evaluate terrains suitable for viticulture: the test area of Cesanese DOC (Latium, central Italy). *Journal of Wine Research*, vol. 26, p. 1-17, ISSN: 0957-1264, doi: 10.1080/09571264.2015.1000045

**MATTEI M**, CIFELLI F, MUTTONI F, RASHID H (2015). Post-Cimmerian (Jurassic–Cenozoic) paleogeography and vertical axis tectonic rotations of Central Iran and the Alborz

Mountains. *Journal of Asian Earth Sciences*, vol. 102, p. 92-101, ISSN: 1367-9120,7  
doi: <http://dx.doi.org/10.1016/j.jseaes.2014.09.038>

CIFELLI F, BALLATO P, ALIMOHAMMADIAN H, SABOURI J, **MATTEI M.** (2015). Tectonic magnetic lineation and oroclinal bending of the Alborz range: Implications on the Iran-Southern Caspian geodynamics. *Tectonics*, vol. 34, p. 116-132, ISSN: 0278-7407, doi: 10.1002/2014TC003626.

M. PORRECA, F. CIFELLI, C. SORIANO, G. GIORDANO, **MATTEI M** (2015). Magma flow within dykes in submarine hyaloclastite environments: an AMS study of the Miocene Cabo de Gata volcanic units . In: (a cura di): M. H. ORT, M. PORRECA, J. W. GEISSMAN , The Use of Palaeomagnetism and Rock Magnetism to Understand Volcanic Processes. *Geological Society of London*, vol. 396, p. 133-157, ISSN: 0305-8719, doi: doi:10.1144/SP396.14.

WILLCOCK M A W, **MATTEI M**, HASALOVA P, GIORDANO G, CAS R A F, MORELLI C (2015). Flow behaviour in the intra-caldera setting: an AMS study of the large (>1290 km<sup>3</sup>) Permian Ora ignimbrite. In: (a cura di): Ort M. H., Porreca M., Geissman, J., The Use of Palaeomagnetism and Rock Magnetism to Understand Volcanic Processes. *Special Publication - Geological Society of London*, vol. 396, ISSN: 0305-8719, doi: <http://dx.doi.org/10.1144/SP396.3>

## 2014

**MATTEI M.**, MUTTONI G., CIFELLI F. (2014) - A record of the Jurassic massive plate shift from the Garedu Formation of central Iran, *Geology*, doi:10.1130/G35467.1.

CARICCHI, C., F. CIFELLI, L. SAGNOTTI, F. SANI, F. SPERANZA & **M. MATTEI** (2014). Paleomagnetic evidence for a post-Eocene 90° CCW rotation of internal Apennine units: A linkage with Corsica-Sardinia rotation?, *Tectonics*, 33, doi:10.1002/2013TC003364.

GIORDANO, G., DE BENEDETTI, A. A., BONAMICO, A., RAMAZZOTTI, P., & **MATTEI, M.** (2014). Incorporating surface indicators of reservoir permeability into reservoir volume calculations: Application to the Colli Albani caldera and the Central Italy Geothermal Province. *Earth-Science Reviews*, 128(C), 75–92. doi:10.1016/j.earscirev.2013.10.010

PORRECA, M., CIFELLI, F., SORIANO, C., GIORDANO, G., ROMANO, C., CONTICELLI, S., & **MATTEI, M.** (2013). Hyaloclastite fragmentation below the glass transition: An example from El Barronal submarine volcanic complex (Spain). *Geology*, 42(1), 87–90. doi:10.1130/G34744.1

E. CHIARINI, E. LA POSTA, F. CIFELLI, C. D'AMBROGI, V. EULILLI, F. FERRI, M. MARINO, **MATTEI M.**, L. M. PUZZILLI (2014). A multidisciplinary approach to the study of the Montereale Basin (Central Apennines, Italy). *Rendiconti Lincei. Scienze Fisiche e Naturali*, ISSN: 2037-4631, doi: 10.1007/s12210-014-0311-3.

**MATTEI M.**, N. R. RIGGS, G. GIORDANO, L. GUARNIERI, F. CIFELLI, C. C. SORIANO, B. JICHA, A. JASIM, S. MARCHIONNI, L. FRANCIOSI, S. TOMMASINI, M. PORRECA, S. CONTICELLI (2014). Geochronology, Geochemistry and Geodynamics of the Cabo de Gata volcanic zone, Southeastern Spain. *Italian Journal of Geosciences*, vol. 133 , p. 341-361, ISSN: 2038-1719, doi: 10.3301/IJG.2014.44.

SORIANO C, GIORDANO G, RIGGS N, PORRECA M, BONAMICO A, IOSIMI D, CIFELLI F, **MATTEI M.**, DE BENEDETTI A, GUARNIERI L, MARCHIONNI S (2014). Geologic map, volcanic stratigraphy and structure of the Cabo de Gata volcanic zone, Betic-Rif orogen, SE Spain. *Italian Journal of Geosciences*, vol. 133 , p. 325-340, ISSN: 2038-1719, doi: 10.3301/IJG.2014.45

## 2013

LUCIFORA S., CIFELLI F., ROJAY F. B. & **MATTEI M.** (2013) - Paleomagnetic rotations in the Late Miocene sequence from the Çankırı Basin (Central Anatolia, Turkey): the role of strike-slip tectonics. *Turkish Journal of Earth Sciences*, 22, doi:10.3906/yer-1207-2.

CIFELLI F., **MATTEI M.**, RASHID H. & GHALAMGHASH J. (2013). Right-lateral transpressional tectonics along the boundary between Lut and Tabas blocks (Central Iran). *Geophys. J. Int.*, doi: 10.1093/gji/ggt070.

MARCHIONNI S., BRASCHI E., TOMMASINI S., BOLLATI A., CIFELLI F., MULINACCI N., **MATTEI M.** & CONTICELLI S. (2013). High Precision 87Sr/86Sr analyses in wines and their use as geological fingerprint for tracing geographic provenance. *Journal of Agricultural and Food Chemistry*. **DOI: 10.1021/jf4012592**

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## 2012

LA VIGNA F., CARUCCI V., MARIANI I., MINELLI L., PASCALE F., **MATTEI M.**, MAZZA R. & TALLINI M. (2012) - Intermediate-field hydrogeological response induced by L'Aquila earthquake: the Acque Albule hydrothermal system (Central Italy). *Ital. J. Geosci.*, 131, 475-485, doi: 10.3301/IJG.2012.05.



- LUCIFORA, S., F. CIFELLI, **M. MATTEI**, L. SAGNOTTI, D. COSENTINO, AND A. P. ROBERTS (2012) - Inconsistent magnetic polarities in magnetite- and greigite-bearing sediments: Understanding complex magnetizations in the late Messinian in the Adana Basin (southern Turkey), *Geochem. Geophys. Geosyst.*, 13, Q10002, doi:10.1029/2012GC004248.
- PORRECA, M. & **MATTEI, M.** (2012) - AMS fabric and tectonic evolution of Quaternary intramontane extensional basins in the Picentini Mountains (Southern Apennines, Italy). *International Journal of Earth Sciences*. 101, 787–802, DOI: 10.1007/s00531-011-0670-2.
- CIFELLI, F., MINELLI, L., ROSSETTI, F. & **MATTEI, M.** (2012) - The emplacement of the late Miocene Monte Capanne intrusion (Elba island, Central Italy): constraint from magnetic fabric analyses. *International Journal of Earth Sciences*. 101, 863–877, DOI: 10.1007/s00531-011-0701-z.
- MATTEI M.**, CIFELLI F., MUTTONI G., ZANCHI A., BERRA F., MOSSAVVARI F., SAFAR ALI E. (2012) - Neogene block-rotation in Central Iran: evidence from paleomagnetic data. *Geological Society American Bulletin, (The Geological Society of America, Boulder, USA)*. doi:10.1130/B30479.1.
- BOLLATI A., MARCHIONNI S., BRASCHI E., TOMMASINI S., AVANZINELLI R., MOLIN P., PAROTTO P., **MATTEI M.**, CONTICELLI S. (2012) - Zonazione della viticoltura e tracciabilità geografica della denominazione Cesanese (Lazio, Centro Italia). *Nutrisi*, 12, 68-73, 2012.
- BOLLATI A. & **MATTEI M.** (2012) - Il Terroir dell'area di produzione del vino Cesanese DOC. *I Quaderni del Museo*. Museo Geopaleontologico "Ardito Desio", n.5. Provincia di Roma.

## 2011

- LESTI, C., PORRECA, M., GIORDANO, G., **MATTEI, M.**, CAS, R., WRIGHT, H., VIRAMONTE J. (2011) - High temperature emplacement of the Cerro Galán and Toconquis Group ignimbrites (Puna plateau, NW Argentina) determined by TRM analyses. *Bulletin of Volcanology*. 73,1535-565. DOI 10.1007/s00445-011-0536-2.
- GIOIA D., SCHIATTARELLA M., **MATTEI M.** & NICO G., (2011) - Quantitative morphotectonics of the Pliocene to Quaternary Auletta basin, southern Italy". *Geomorphology*. 134, 3-4, 326-343. doi:10.1016/j.geomorph.2011.07.009.
- BOLLATI A., CORRADO S., COSENTINO D., MARINO M., **MATTEI M.** & PAROTTO M. (2010) - Schema strutturale della catena a pieghe e sovrascorrimenti Umbro-Sabina (Italia Centrale) derivato dal rilevamento dei fogli 366 "Palombara Sabina" e 375 "Tivoli" (Progetto CARG). Rendiconti della Società Geologica Italiana. DOI: 10.3301/ROL.2011.05.
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