

2021

- Albano, M., Barba S., Bignami C., Carminati E., Doglioni C., Moro M., Stramondo S., Saroli M. (2021) Three-dimensional numerical simulation of the interseismic and coseismic phases associated with the 6 April 2009, Mw 6.3 L'Aquila earthquake (Central Italy). *Tectonophysics*, 798, 228685, <https://doi.org/10.1016/j.tecto.2020.228685>
- Albano, M., Barba S., Bignami C., Carminati E., Doglioni C., Moro M., Saroli M., Samsonov S., Stramondo S., 2021. Numerical modeling of the seismic cycle for normal and reverse faulting earthquakes in Italy. *Geophysical Journal International*, 225, 627-645, <https://doi.org/10.1093/gji/ggaa608>
- Agostini, S., Di Giuseppe, P., Manetti, P., Doglioni, C., Conticelli, S., 2021. A heterogeneous subcontinental mantle under the African-Arabian plate boundary revealed by boron and radiogenic isotopes. *Scientific Reports*, 11:11230, doi.org/10.1038/s41598-021-90275-7
- Al Shawa, O., Atzori, S., Doglioni, C., Liberatore, D., Sorrentino, L., Tertulliani, A., 2021. Coseismic vertical ground deformation vs. intensity measures: examples from the Apennines. *Engineering Geology*, 293, 106323, <https://doi.org/10.1016/j.enggeo.2021.106323>
- Carminati E., Petricca P. and Doglioni C., 2021. Mediterranean tectonics. *Encyclopedia of Geology*, second edition, Elsevier, 408-419, 10.1016/B978-0-08-102908-4.00010-2 1
- Cardello G.L., Vico G., Consorti L., Sabbatino M., Carminati E., Doglioni C. 2021. Constraining the passive to active margin tectonics of the internal Central Apennines: insights from biostratigraphy, structural and seismic analysis. *Geosciences*, 11, 160. <https://doi.org/10.3390/geosciences11040160>
- Cicala, M., Festa, V., Sabato, L., Tropeano, M., Doglioni, C., 2021. Interference between Apennines and Hellenides foreland basins around the Apulian Swell (Italy and Greece). *Marine and Petroleum Geology*, 133, 105300, <https://doi.org/10.1016/j.marpetgeo.2021.105300>
- Doglioni C., 2021. Gradienti della Terra e non solo. *Altraparola*. <https://www.altraparolarivista.it/2021/03/13/gradienti-della-terra-e-non-solo-di-carlo-doglioni/>
- Doglioni C. 2021. Lo studio dei terremoti: un modo per prevenire il vuoto. Terremoti: rassegnazione? fatalismo? potremo prevederli? Intanto studiamoli e facciamo prevenzione. *Multiverso*, pp. 76-79.
- Petricca, P., Bignami, C., Doglioni, C., 2021. The epicentral fingerprint of earthquakes marks the activated volume. *Earth Science Reviews*, 218, 103667 <https://doi.org/10.1016/j.earscirev.2021.103667>
- Sgroi, T., Polonia, A., Beranzoli, L., Billi, A., Bosman, A., Costanza, A., Cuffaro, M., D'anna, G., De Caro, M., Di Nezza, M., Fertitta, G., Frugoni, F., Gasperini, L., Monna, S., Montuori, C., Petracchini, L., Petricca, P., Pinzi, S., Ursino, A., Doglioni, C. 2021. One year of seismicity recorded through Ocean Bottom Seismometers illuminates active tectonic structures in the Ionian Sea (Central Mediterranean). *Frontiers in Earth Sciences*, in press.
- Vangone, A., Doglioni, C., 2021. Asymmetric Atlantic continental margins. *Geoscience Frontiers*, 12, 5, 101205, <https://doi.org/10.1016/j.gsf.2021.101205>
- Villani, F., Maraio, S., Bruno, P.P., Improta, L., Wood, K., Pucci, S., Civico, R., Sapia, V., De Martini, P.M., Brunori, C.A., Doglioni, C., Pantosti, D., 2021. High-

- resolution seismic profiling in the hanging wall of the southern fault section ruptured during the 2016 Mw 6.5 central Italy earthquake. *Tectonics*, 40, e2021TC006786. <https://doi.org/10.1029/2021TC006786>
- Zaccagnino D., Telesca L., Doglioni C., 2021. Different fault response during the seismic cycle. *Applied Sciences*, submitted.
- 2020**
- Aragon E., D'Eramo F., Cuffaro M., Doglioni C., Ficini E., Pinotti L., Nacif S., Demartis M., Hernando I., Fuentes T., 2020. The westward lithospheric drift, its role on the subduction and transform zones surrounding Americas: Andean to Cordilleran orogenic types cyclicity. *Geoscience Frontiers*, 11, 4, 1219-1229, <https://doi.org/10.1016/j.gsf.2019.11.002>
- Barberio, M.D., Gori, F., Barbieri, M., Billi, A., Caracausi, A., De Luca, G., Franchini, S., Petitta, M., Doglioni C., 2020. New observations in Central Italy of groundwater responses to the worldwide seismicity. *Scientific Reports*, 10, Article number: 17850, <https://doi.org/10.1038/s41598-020-74991-0>
- Billi A., Cuffaro M., Beranzoli L., Bigi S., Bosman A., Caruso C., Alessia Conti A., Corbo A., Costanza A., D'Anna G., De Caro M.G., Doglioni C., Embriaco D., Fertitta G., Frugoni F., Gasperini L., Italiano F., Lazzaro G., Ligi M., Martorelli(2), E., Monna, S., Montuori C., Nigrelli A., Passafiume G., Petracchini L., Petricca P., Polonia A., Proietti G., Ruggiero L., Sgroi T., and Tartarello M.C., 2020. The SEISMOFAULTS project: First surveys and preliminary results for the Ionian Sea area, southern Italy. *Annals of Geophysics*, 63, 3, SE326, 2020; doi:10.4401/ag-8171.
- Bignami C., Valerio E., Carminati E., Doglioni C., Petricca P., Tizzani P., Lanari R., 2020. Are normal fault earthquakes due to elastic rebound or gravitational collapse? *Annals of Geophysics*, 63, 2, SE213, 2020, doi:10.4401/ag-8455
- Cardello L., Consorti L., Palladino D., Carminati E., Carlini M., Doglioni C., 2020. Tectonically controlled carbonate-seated maar-diatreme volcanoes: the case of the Volsci Volcanic Field, central Italy. *Journal of Geodynamics*, 139, 101763, [10.1016/j.jog.2020.101763](https://doi.org/10.1016/j.jog.2020.101763)
- Carminati E., Bignami C., Doglioni C., Smeraglia L., 2020. Lithological control on multiple surface ruptures during the 2016-2017 Amatrice-Norcia seismic sequence. *Journal of Geodynamics*, 134, 101676, doi.org/10.1016/j.jog.2019.101676
- Doglioni C., 2020. Struttura dell'Appennino meridionale e il contributo di Paolo Scandone. *Atti Accademia dei Lincei*, 335, L'eredità scientifica di Paolo Scandone, geologo, 335, 187-194.
- Ficini, E., Cuffaro, M. and Doglioni C. 2020. Asymmetric Dynamics at Subduction Zones Derived from Plate Kinematic Constraints. *Gondwana Research*, 78, 110-125, <https://doi.org/10.1016/j.gr.2019.07.013>
- Petitta M., Barberio M.D., Barbieri M., Billi A., Doglioni C., Passaretti S., Franchini S., 2020. Groundwater Monitoring in Regional Discharge Areas Selected as "Hydrosensitive" to Seismic Activity in Central Italy. *Advances in Natural Hazards and Hydrological Risks: Meeting the Challenge*. In: Fernandes F., Malheiro A., Chaminé H. (eds) *Advances in Natural Hazards and Hydrological Risks: Meeting the Challenge*. *Advances in Science, Technology & Innovation (IEREK Interdisciplinary Series for Sustainable Development)*. Springer, Cham, 21-25, https://doi.org/10.1007/978-3-030-34397-2_5
- Pezzo, G., Petracchini, L., Devoti, R., Maffucci, R., Anderlini, L., Antoncicchi, I., Billi, A., Carminati, E., Ciccone, F., Cuffaro, M., Livani, M., Palano, M., Petricca, P., Pietrantonio, G., Riguzzi, F., Rossi, G., Sparacino, F. and Doglioni, C., 2020.

- Active fold-thrust belt to foreland transition in northern Adria, Italy, tracked by seismic reflection profiles and GPS offshore data. *Tectonics*, 39, e2020TC006425, 10.1029/2020TC006425
- Riguzzi F. and Doglioni C., 2020. Gravity and crustal dynamics in Italy. *Rendiconti Lincei. Scienze Fisiche e Naturali*, <https://doi.org/10.1007/s12210-020-00881-2>
- Stramondo, S., Caserta A., Fawzi D., Doglioni C., 2020. Il monitoraggio come strumento di conoscenza, prevenzione e resilienza. Parco Archeologico del Colosseo, Monitoraggio e manutenzione delle aree archeologiche, Cambiamenti climatici, dissesto idrogeologico, degrado chimico-ambientale. *Atti del Convegno Internazionale di Studi, Roma, Curia Iulia, 20-21 Marzo 2019*, pp 89-95.
- Trionfera B., Frepoli A., De Luca G., De Gori P., Doglioni C., 2020. The 2013-2018 Matese and Beneventano seismic sequences (Central- Southern Apennines): new constraints on the hypocentral depth determination. *Geosciences*, 10, 17, <https://doi.org/10.3390/geosciences10010017>
- Zaccagnino, D., Vespe, F. and Doglioni, C. 2020. Tidal modulation of plate motions. *Earth Science Reviews*, 205, 103179, <https://doi.org/10.1016/j.earscirev.2020.103179>
- 2019**
- D'Alessandro, Costanzo, A., Ladina, C., Buongiorno, F., Cattaneo, M., Falcone, S., La Piana, C., Marzorati, S., Scudero, S., Vitale, G., Stramondo, S., Doglioni, C., 2019. Urban seismic networks, structural health and cultural heritage monitoring: the National Earthquakes Observatory (INGV, Italy) experience. *Frontiers in Built Environment*, 5, Article 127, 10.3389/fbuil.2019.00127
- Petricca P., Carminati E. and Doglioni C., 2019. The Decollement Depth of Active Thrust Faults in Italy: Implications on Potential Earthquake Magnitude. *Tectonics*, 38. <https://doi.org/10.1029/2019TC005641>
- Liberatore, D., Doglioni, C., Al Shawa, O., Atzori, S., Sorrentino, L. 2019. Effects of coseismic ground vertical motion on masonry constructions damage during the 2016 Amatrice-Norcia (Central Italy) earthquakes. *Soil Dynamics and Earthquake Engineering*, 120 (2019) 423–435, <https://doi.org/10.1016/j.soildyn.2019.02.015>
- Doglioni C. 2019. Finding A Compromise When Inducing Small-Size Earthquakes. *Science Trends*, https://sciencetrends.com/?p=59657&preview=1&_ppp=436fbc7d6d
- Bignami C., Valerio E., Carminati E., Doglioni C., Tizzani P. 2019. Volume unbalance on the 2016 Amatrice - Norcia (central Italy) seismic sequence and insights on normal fault earthquake mechanism. *Scientific Reports*, 9:4250 | <https://doi.org/10.1038/s41598-019-40958-z>
- Cuffaro, M., Billi, A., Bigi, S., Bosman, A., Caruso, C.G., Conti, A., Corbo, A., Costanza, A., D'Anna, G., Doglioni, C., Fertitta, G., Gasperini, L., Italiano, F., Lazzaro, G., Ligi, M., Longo, M., Martorelli, E., Petracchini, L., Petricca, P., Polonia, A., and Sgroi, T., 2019. The Bortoluzzi Mud Volcano (Ionian Sea, Italy) and its potential for tracking the seismic cycle of active faults. *Solid Earth*, 10, 741–763, <https://doi.org/10.5194/se-10-741-2019>
- Trippetta, F., Petricca, P., Billi, A., Collettini, C., Cuffaro, M., A.M. Lombardi, Scrocca, D., Ventura, G., Morgante, A., Doglioni, C., 2019. From mapped faults to earthquake magnitude: A test on Italy with methodological implications. *Solid Earth*, 10, 1555–1579, <https://doi.org/10.5194/se-10-1555-2019>
- Camassi, R., Doglioni, C., Tertulliani, A., 2019. Una penisola inquieta: prevenzione e ricostruzione. *Nuove fonti per la storia d'Italia, Archivio Centrale dello Stato*, 52-54.
- 2018**

- Valerio, E., Tizzani, P., Carminati, E., Doglioni, C., Pepe, S., Petricca, P., De Luca, C., Bignami, C., Solaro, G., Castaldo, R., De Novellis, V. and Lanari, R. 2018. Ground Deformation and Source Geometry of the 30 October 2016 Mw 6.5 Norcia Earthquake (Central Italy) Investigated Through Seismological Data, DInSAR Measurements, and Numerical Modelling. *Remote Sensing*, 10, 1901, doi:10.3390/rs10121901
- Petricca, P., Carminati, E., Doglioni, C. and Riguzzi, F., 2018. Brittle-ductile transition depth versus convergence rate: impact on seismicity. *Physics of the Earth and Planetary Interior*, doi.org/10.1016/j.pepi.2018.09.002
- Barberio M.D., Gori F., Barbieri M., Billi A., Devoti R., Doglioni C., Petitta M., Riguzzi F., Rusi S. 2018. Diurnal and semidiurnal cyclicality of Radon (^{222}Rn) in groundwater, Giardino Spring, central Apennines, Italy, *Water*, 10, 1276; doi:10.3390/w10091276
- Cuffaro M. and Doglioni C. 2018. On the increasing size of the orogens moving from the Alps to the Himalayas in the frame of the net rotation of the lithosphere. *Gondwana Research*, 62, 2–13 doi.org/10.1016/j.gr.2017.09.008
- Smeraglia L., Bernasconi S.M., Berra F., Billi A., Boschi C., Caracausi A., Carminati E., Castorina F., Doglioni C., Italiano F., Rizzo A.L., Uysal T., Zhao X-J. 2018. Crustal-scale fluid circulation and co-seismic shallow comb-veining along the longest normal fault of the central Apennines, Italy. *Earth Planet. Sci. Lett.*, 498, 152-168, <https://doi.org/10.1016/j.epsl.2018.06.013>.
- Livani M., Scrocca D., Arecco P., Doglioni C., 2018. Structural and stratigraphic control on salient and recess development along a thrust belt front: the Northern Apennines (Po Plain, Italy). *Journal of Geophysical Research, Solid Earth*, 123, doi.org/10.1002/2017JB015235
- Carcattera A. and Doglioni C. 2018. The westward drift of the lithosphere: a tidal ratchet? *Geoscience Frontiers*, 9, 403-414 <https://doi.org/10.1016/j.gsf.2017.11.009>
- Doglioni, C., 2018. A classification of induced seismicity. *Geoscience Frontiers*, 9, 1903-1909, <https://doi.org/10.1016/j.gsf.2017.11.015>
- Petitta M., Mastroiillo L., Preziosi E., Banzato F., Barberio M.D., Billi A., Cambi C., De Luca G., Di Carlo P., Di Curzio D., Di Salvo C., Nanni T., Palpacelli S., Rusi S., Saroli M., Tallini M., Tazioli A., Valigi D., Vivalda P., Doglioni C., 2018. Water table and discharge changes associated with the 2016-2017 seismic sequence in central Italy: hydrogeological data and conceptual model for fractured carbonate aquifers. *Hydrogeology Journal*, <https://doi.org/10.1007/s10040-017-1717-7>
- 2017**
- Moro, M., Saroli, M., Stramondo, S., Bignami, C., Albano, M., Falcucci, E., Gori, S., Doglioni, C., Polcari, M., Tallini, M., Macerola, L., Novali, F., Costantini, M., Malvarosa, F. and Wegmüller, U., 2017. New insights into earthquake precursors from InSAR. *Scientific Reports*, 7, 12035, doi:10.1038/s41598-017-12058-3
- Doglioni, C., 2017. Different types of induced seismicity. *Geingegneria Ambientale e Mineraria*, Anno LIV, n. 3, 65-68.
- Doglioni, C. and Riguzzi F., 2017. The space geodesy revolution for plate tectonics and earthquake studies. *Rend. Fis. Acc. Lincei*, DOI 10.1007/s12210-017-0639-6
- Barberio, M.D., Barbieri, M., Billi, A., Doglioni, C., Petitta, M., 2017. Hydrogeochemical changes before and during the 2016 Amatrice-Norcia seismic sequence (central Italy). *Scientific Reports*, 7, 11735, doi:10.1038/s41598-017-11990-8
- Valerio, E. Tizzani, P., Carminati, E., Doglioni C., 2017. Longer aftershocks duration in extensional tectonic settings. *Scientific Reports*, 7, 16403 doi:10.1038/s41598-

- 017-14550-2.
- Cheloni, D., V. De Novellis, A. Antonioli, M. Anzidei, S. Atzori, A. Avallone, C. Bignami, M. Bonano, S. Calcaterra, R. Castaldo, F. Casu, G. Cecere, N. D'Agostino, C. De Luca, R. Devoti, D. Di Bucci, A. Esposito, A. Galvani, P. Gambino, R. Giuliani, R. Lanari, M. Manunta, M. Manzo, M. Mattone, A. Pepe, S. Pepe, G. Pezzo, G. Pietrantonio, F. Riguzzi, S. Salvi, G. Selvaggi, V. Sepe, E. Serpelloni, G. Solaro, S. Stramondo, P. Tizzani, C. Tolomei, E. Trasatti, E. Valerio, I. Zinno, C. Doglioni, 2017. Geodetic model of the 2016 Central Italy earthquake sequence inferred from InSAR and GPS data. *Geophysical Research Letters*, 44, 6778–6787, doi:10.1002/2017GL073580.
- Smeraglia, L., Billi, A., Carminati, E., Cavallo, A., & Doglioni, C. 2017. Field-to nano-scale evidence for weakening mechanisms along the fault of the 2016 Amatrice and Norcia earthquakes, Italy. *Tectonophysics*, v. 712–713, pp. 156–169, doi.org/10.1016/j.tecto.2017.05.014
- Ficini E., Dal Zilio L., Doglioni C. and Gerya T. 2017. Horizontal mantle flow controls subduction dynamics. *Scientific Reports*, 7, 7550, DOI:10.1038/s41598-017-06551-y
- Chalot-Prat F., Doglioni C., Falloon T., 2017. Westward migration of oceanic ridges and related asymmetric upper mantle differentiation. *Lithos*, 268–271, 163–173, <http://dx.doi.org/10.1016/j.lithos.2016.10.036>
- Conti A., Bigi S., Cuffaro M., Doglioni C., Scrocca D., Muccini F., Cocchi L., Ligi M., Bortoluzzi G. 2017. Transfer zones in an oblique back-arc basin setting: Insights from the Latium-Campania segmented margin (Tyrrhenian Sea). *Tectonics*, 36, 1, 78–107.
- Motaghi K., Shabnian E., Tatar M., Cuffaro M., Doglioni C., 2017. The South Zagros Suture Zone in Teleseismic Images. *Tectonophysics*, 694, 292–301, <http://dx.doi.org/10.1016/j.tecto.2016.11.012>
- 2016**
- Smeraglia L., Aldega L., Billi A., Carminati E., Doglioni C., 2016. Phyllosilicate injection along extensional carbonate-hosted faults and implications for co-seismic slip propagation: case studies from the central Apennines, Italy. *Journal of Structural Geology*, 93, 29–50, <http://dx.doi.org/10.1016/j.jsg.2016.10.003>
- Doglioni, C., 2016. Plate Tectonics, earthquakes and seismic hazard. *Accademia Nazionale dei Lincei, Resilienza delle città d'arte ai terremoti, Atti dei Convegni Lincei*, 306, 15-28.
- Muluneh A.A., Kidane, T., Cuffaro, M. & Doglioni, C. 2016. Torque exerted on the side of crustal blocks controls the kinematics of Ethiopian Rift. *Journal of African Earth Sciences*, 116, 1-8, <http://dx.doi.org/10.1016/j.jafrearsci.2015.12.004>
- Doglioni C., Pignatti J. & Coleman M. 2016. Why did life develop on the surface of the Earth in the Cambrian? *Geoscience Frontiers*, 7, 865-873, <http://dx.doi.org/10.1016/j.gsf.2016.02.001>.
- Smeraglia, L., Berra, F., Billi, A., Boschi, C., Carminati, E., Doglioni, C., 2016. Origin and role of fluids involved in the seismic cycle of extensional faults in carbonate rocks. *Earth and Planetary Science Letters*, 450, 292-305, <http://dx.doi.org/10.1016/j.epsl.2016.06.042>
- Cuffaro M., Martorelli E., Bosman A., Conti A., Bigi S., Muccini F., Cocchi L., Ligi M., Bortoluzzi G., Scrocca D., Canese S.P., Chiocci F.L., Conte A.M., Doglioni C., Perinelli C., 2016. The Ventotene Volcanic Ridge: a newly explored complex in the central Tyrrhenian Sea (Italy). *Bulletin of Volcanology*, 78, 86, 10.1007/s00445-016-1081-9

Amoroso S., Bernardini F., Blumetti A.M., Civico R., Doglioni C., Galadini F., Galli P., Graziani L., Guerrieri L., Messina P., Michetti A.M., Potenza F., Pucci S., Roberts G., Serva L., Smedile A., Smeraglia L., Tertulliani A., Tironi G., Fabio Villani F., Vittori E., 2016. Quaternary geology and Paleoseismology in the Fucino and L'Aquila basins. *Geological Field Trips*, 8, 1.2, DOI: 10.3301/GFT.2016.02

2015

Bigi S., Beaubien S., Ciotoli G., D'Ambrogi C., Doglioni C., Ferrante V., Lombardi S., Milli S., Orlando L., Ruggiero L., Tartarello C., Sacco P. 2015. Mantle-derived CO₂ migration along active faults within an extensional basin margin (Fiumicino, Rome, Italy). *Tectonophysics*, 637, 137-149, <http://dx.doi.org/10.1016/j.tecto.2014.10.001>

Cardello G.L. and Doglioni C., 2015. From Mesozoic rifting to the Apennines orogeny: The Gran Sasso range (Italy). *Gondwana Research*, 27, 1307–1334, <http://dx.doi.org/10.1016/j.gr.2014.09.009>

Doglioni C., Carminati E., Crespi M., Cuffaro M., Penati M., Riguzzi F., 2015. Tectonically asymmetric Earth: From net rotation to polarized westward drift of the lithosphere. *Geoscience Frontiers*, 6, 3, 401-418, <http://dx.doi.org/10.1016/j.gsf.2014.02.001>

Doglioni C., Barba S., Carminati E., Riguzzi F., 2015. Fault on-off versus strain rate and earthquakes energy. *Geoscience Frontiers* 6, 265-276, doi: <http://dx.doi.org/10.1016/j.gsf.2013.12.007>

Doglioni C., and Anderson D.L., (2015) Top driven asymmetric mantle convection. In *The Interdisciplinary Earth: A volume in honor of Don L. Anderson*. Geological Society of America Special Paper 514, American Geophysical Union Special Publication 71, doi:10.1130/2015.2514(05).

Doglioni C. and Panza G.F. (2015) Polarized plate tectonics. *Advances in Geophysics*, 56, 3, 1-167, <http://dx.doi.org/10.1016/bs.agph.2014.12.001>

Doglioni C., Carminati E., Petricca P., Riguzzi F. (2015) Normal fault earthquakes or graviquakes. *Scientific Reports*, 5, 12110 doi:10.1038/srep12110.

Foulger, G. R., G. F. Panza, I. M. Artemieva, I. D. Bastow, F. Cammarano, C. Doglioni, J. R. Evans, W. B. Hamilton, B. R. Julian, M. Lustrino, H. Thybo, and T. B. Yanovskaya (2015) What lies deep in the mantle below? *Eos*, 96, 25 August doi:10.1029/2015EO034319.

Motaghi, K., Tatar, M., Priestley, K., Romanelli, F., Doglioni, C. and Panza, G.F., 2015. The deep structure of the Iranian Plateau. *Gondwana Research*, <http://dx.doi.org/10.1016/j.gr.2014.04.009>

Petricca P., Barba S., Carminati E., Doglioni C., Riguzzi F. (2015) Graviquakes in Italy. *Tectonophysics*, 656, 202–214, doi:10.1016/j.tecto.2015.07.001

Sottili G.L., Palladino D., Cuffaro M., Doglioni C. (2015) Earth's rotation variability triggers explosive eruptions in subduction zones. *Earth Planets Space*, 67:208 DOI 10.1186/s40623-015-0375-z

2014

Deng, Y., Panza, G.F., Zhang, Z., Romanelli, F., Ma, T., Doglioni, C., Wang, P., Zhang, X. and Teng, J., 2014. Transition from continental collision to tectonic escape? A geophysical perspective on lateral expansion of the northern Tibetan Plateau. *Earth, Planets and Space*, 66, 10, doi:10.1186/1880-5981-66-10

Doglioni C. 2014. Asymmetric Earth: mechanisms of plate tectonics and earthquakes. *Rendiconti - Accademia Nazionale delle Scienze detta dei XL - Memorie di Scienze Fisiche e Naturali*, pp. 9–27, ISBN 987-88-548-7171-7, DOI 10.4399/97888548717171

- Doglioni C., Barba S., Carminati E. Riguzzi F., 2014. Fault on-off versus coseismic fluids reaction. *Geoscience Frontiers*, v. 5, issue 6, pp. 767-780, doi.org/10.1016/j.gsf.2013.08.004
- Muluneh A.A., Cuffaro M., Doglioni C., 2014. Left-lateral transtension along the Ethiopian Rift and constrains on the mantle–reference plate motions. *Tectonophysics*, DOI: 10.1016/j.tecto.2014.05.036
- 2013**
- Riguzzi F., Crespi M., Devoti R., Doglioni C., Pietrantonio G., Pisani A.R., 2013. Strain rate relaxation of normal and thrust faults in Italy. *Geophysical Journal International*. doi: 10.1093/gji/ggt304
- 2012**
- Bigi S., Lenci F., Scrocca D., Doglioni C., Carminati E. (2012): Apennines. In: Roberts D. & Bally A.W. (eds), *Principles of Phanerozoic Regional Geology*, 14.6.10.
- Carminati E., Doglioni C. 2012. Alps Vs. Apennines: The paradigm of a tectonically asymmetric Earth. *Earth Science Rev.*, 112, 67-96, doi:10.1016/j.earscirev.2012.02.004.
- Carminati E., Doglioni C., Gelabert B., Panza G., Raykova R.B., Roca E., Sabat F. & Scrocca D. (2012): Evolution of the Western Mediterranean. In: Roberts D. & Bally A.W. (eds), *Regional Geology and Tectonics: Phanerozoic Passive Margins, Cratonic Basins and Global Tectonic Maps*, chapter 12, 437-470.
- Carminati, E., Lustrino M., Doglioni, C., 2012. Geodynamic evolution of the central and western Mediterranean: Tectonics vs. igneous petrology constraints, *Tectonophysics*, 579, 173–192, doi:10.1016/j.tecto.2012.01.026
- Riguzzi, F. Crespi, M., Devoti, R., Doglioni, C. Pietrantonio G. and Pisani, A.R., 2012. Geodetic strain rate and earthquake size: New clues for seismic hazard studies. *Physics of the Earth and Planetary Interiors* 206-207, 67–75.
- Scrocca D., Carminati E., Doglioni C. & Procaccianti D. (2012): Tyrrhenian Sea. In: Roberts D. & Bally A.W. (eds), *Regional Geology and Tectonics: Phanerozoic Passive Margins, Cratonic Basins and Global Tectonic Maps*, chapter 13, 473-485.
- Varga, P., Krumm, F. Riguzzi, F., Doglioni, C., Süle, B., Wang, K., Panza, G.F. 2012. Global pattern of earthquakes and seismic energy distributions: Insights for the mechanisms of plate tectonics, *Tectonophysics*, 530-531, 80-86, 10.1016/j.tecto.2011.10.014.
- Varga, P., Krumm, F.W., Doglioni, C., Grafarend, E.W., Panza, G., Riguzzi, F., Schreider, A.A., Sneeuw, N., 2012. Did a change in tectonic regime occur between the Phanerozoic and earlier Epochs? *Rend. Fis. Acc. Lincei* (2012) 23:139–148, DOI 10.1007/s12210-012-0172-6
- Zanchetta, S., Garzanti, E., Doglioni, C., Zanchi, A. 2012. The Alps in the Cretaceous: a doubly vergent pre-collisional orogen. *Terra Nova*, doi: 10.1111/j.1365-3121.2012.01071.x
- Doglioni C., Ligi M., Scrocca D., Bigi S., Bortoluzzi G., Carminati E, Cuffaro M., D’Orlando F., Forleo V., Muccini F., Riguzzi F., 2012. The tectonic puzzle of the Messina area (Southern Italy): Insights from new seismic reflection data. *Scientific Reports*, Nature, 2, 970; DOI:10.1038/srep00970
- 2011**
- Cuffaro M., Riguzzi F., Scrocca D. & Doglioni C. (2011) Coexisting tectonic settings: the example of the southern Tyrrhenian Sea. *Int. J. Earth Sci. (Geol Rundsch)*, DOI 10.1007/s00531-010-0625-z
- Doglioni, C., Barba, S., Carminati, E. & Riguzzi, F. 2011. Role of the brittle-ductile

- transition on fault activation. *Phys. Earth Planet. Int.*, 184, 160–171.
- Doglion C., Ismail-Zadeh A., Panza G., Riguzzi F., 2011. Lithosphere-asthenosphere viscosity contrast and decoupling. *Physics of the Earth and Planetary Interiors*, 189, 1-8.
- Plastino W., Panza G.F., Doglion C., Frezzotti M.L., Peccerillo A., De Felice P., Bella F., Povinec P.P., Nisi S., Ioannucci L., Aprili P., Balata M., Cozzella M.L., Laubenstein M., 2011. Uranium groundwater anomalies and active normal faulting. *J Radioanal Nucl Chem*, 288, 101–107.
- 2010**
- Agostini S., Doglion C., Innocenti F., Manetti P. & Tonarini S. (2010): On the geodynamics of the Aegean rift. *Tectonophysics*, 488, 7-21.
- Brandmayr E., Raykova R., Zuri M., Romanelli F., Doglion C., Panza G.F., 2010. The lithosphere in Italy: structure and seismicity. In: (Eds.) Marco Beltrando, Angelo Peccerillo, Massimo Mattei, Sandro Conticelli, and Carlo Doglion, *The Geology of Italy: tectonics and life along plate margins*, Journal of the Virtual Explorer, Electronic Edition, ISSN 1441-8142, v. 36, paper 1. doi:10.3809/jvirtex.2010.00224
- Carminati E., Cavazza D., Scrocca D., Fantoni R., Scotti P., and Doglion C., 2010. Thermal and tectonic evolution of the Southern Alps (northern Italy) rifting: Coupled organic matter maturity analysis and thermokinematic modeling. *Americ. Ass. Petrol. Geol. Bull.*, 94/3, 369–397, doi:10.1306/08240909069.
- Carminati E. and Doglion C. 2010. North Atlantic geoid high, volcanism and glaciations. *Geophys. Res. Lett.*, 37, L03302, doi:10.1029/2009GL041663.
- Carminati, E., Lustrino, M., Cuffaro, M. and Doglion, C. 2010. Tectonics, magmatism and geodynamics of Italy: What we know and what we imagine. In: (Eds.) Marco Beltrando, Angelo Peccerillo, Massimo Mattei, Sandro Conticelli, and Carlo Doglion, *The Geology of Italy: tectonics and life along plate margins*, Journal of the Virtual Explorer, Electronic Edition, ISSN 1441-8142, volume 36, paper 9, doi:10.3809/jvirtex.2010.00226
- Carminati E., Scrocca D., Doglion C. 2010. Compaction-induced stress variations with depth in an active anticline: Northern Apennines, Italy. *J. Geophys. Res.* 115, B02401, doi:10.1029/2009JB006395.
- Cuffaro M., Riguzzi F., Scrocca D., Antonioli F., Carminati E., Livani M., Doglion C. 2010. On the geodynamics of the northern Adriatic plate. *Rend. Fis. Acc. Lincei*, 21 (Suppl 1): S253–S279 DOI 10.1007/s12210-010-0098-9.
- D'Ambrogi C., Scrocca D., Pantaloni M., Valeri V., Doglion C. 2010. Exploring Italian geological data in 3D. In: (Eds.) Marco Beltrando, Angelo Peccerillo, Massimo Mattei, Sandro Conticelli, and Carlo Doglion, *The Geology of Italy: tectonics and life along plate margins*, Journal of the Virtual Explorer, Electronic Edition, ISSN 1441-8142, volume 36, paper 24, doi:10.3809/jvirtex.2010.00256
- Innocenti F., Agostini S., Doglion C., Manetti P., Tonarini S. 2010. Geodynamic evolution of the Aegean: constraints from the Plio-Pleistocene volcanism of the Volos-Evia area. *J. Geol. Soc.*, vol. 167, 475-489, ISSN: 0016-7649
- Panza G. Doglion C. & Levshin A. (2010): Asymmetric ocean basins. *Geology*, 38, 1, p. 59–62, doi: 10.1130/G30570.1.
- Plastino W., Povinec P.P., De Luca G., Doglion C., Nisi S., Ioannucci L., Balata M., Laubenstein M., Bella F., Coccia E., 2010. Uranium groundwater anomalies and L'Aquila earthquake, 6th April 2009 (Italy). *J. Environ. Radioact.*, 101, 45–50, doi:10.1016 /j.jenvrad. 2009.08.009.
- Riguzzi F., Panza G., Varga P. & Doglion C. (2010): Can Earth's rotation and tidal despinning drive plate tectonics? *Tectonophysics*, 484, 60–73,

doi:10.1016/j.tecto.2009.06.012.

2009

Carminati E., Cuffaro M., Doglioni C., 2009. Cenozoic uplift of Europe. *Tectonics*, 28, TC4016, doi:10.1029/2009TC002472.

Doglioni C., Tonarini S. & Innocenti F. (2009): Mantle wedge asymmetries and geochemical signatures along W- and E-NE-directed subduction zones. *Lithos*, 113, 179-189, doi:10.1016/j.lithos.2009.01.012.

2008

Cuffaro M., Caputo M. & Doglioni C. (2008): Plate sub-rotations. *Tectonics*, 27, TC4007, doi:10.1029/2007TC002182, 2008

D'Ambrogi C. & Doglioni C. (2008): Struttura delle Vette Feltrine. *Rendiconti Soc. Geol. It.*

Devoti C., Riguzzi F., Cuffaro M. & Doglioni C. (2008): New GPS constraints on the kinematics of the Apennines subduction. *Earth Planet. Sci. Lett.*, 273, 163–174.

Doglioni C. & Carminati E. (2008): Structural styles and Dolomites field trip. *Mem. Descr. Carta Geol. It.*, 82 1-299.

Doglioni, C., (2008): Comment on “The potential influence of subduction zone polarity on overriding plate deformation, trench migration and slab dip angle” by W.P. Schellart. *Tectonophysics*, 463, 208–213.

D’Orazio M., Innocenti F., Tonarini S. & Doglioni C. (2008): Reply to the discussion of: “Carbonatites in a subduction system: The Pleistocene alvikites from Mt. Vulture (Southern Italy)” by M. D’Orazio, F. Innocenti, S. Tonarini and C. Doglioni (*Lithos* 98, 313–334) by F. Stoppa, C. Principe and P. Giannandrea, *Lithos*, 103, 557–561.

Yanev Y., Boev B., Doglioni C., Innocenti F., Manetti P., Pecskey Z., Tonarini S. & D’Orazio M. (2008): Late Miocene to Pleistocene potassic volcanism in the Republic of Macedonia. *Mineralogy and Petrology* DOI 10.1007/s00710-008-0009-2.

2007

Agostini S., Doglioni C., Innocenti F., Manetti P., Tonarini S., Savascin M.Y., (2007): The transition from subduction-related to intraplate Neogene magmatism in the Western Anatolia and Aegean area. In Beccaluva, L., Bianchini, G., and Wilson, M., eds., *Cenozoic Volcanism in the Mediterranean Area: Geological Society of America Special Paper*, 418, p. 1–15, doi: 10.1130/2007.2418(01).

Crespi, M., Cuffaro, M., Doglioni, C., Giannone, F., & Riguzzi, F. (2007): Space geodesy validation of the global lithospheric flow. *Geophysical Journal International*, 168, 491-506, doi: 10.1111/j.1365-246X.2006.03226.x.

Cuffaro M. & Doglioni C. (2007): Global Kinematics in the deep versus shallow hotspot reference frames. In: Foulger, G.R., and Jurdy, D.M., eds., *Plates, plumes, and planetary processes*, *Geol. Soc. Am. Spec. Pap.*, 430, 359–374, doi: 10.1130/2007.2430(18).

Doglioni C. (2007). Tectonics of the Dolomites. *Bulletin fur angewandte geology*. 12/2, pp. 11-15.

Doglioni C., Carminati E., Cuffaro M. and Scrocca D. (2007): Subduction kinematics and dynamic constraints. *Earth Science Reviews*, 83, 125-175, doi:10.1016/j.earscirev.2007.04.001.

D’Orazio M., Innocenti F., Tonarini S. & Doglioni C. (2007): Carbonatites in a subduction system: the Pleistocene alvikites from Mt. Vulture (southern Italy). *Lithos*, 98, 313–334, 10.1016/j.lithos.2007.05.004.

Farafonova Yu.G., Panza G.F., Yanovskaya T.B. and Doglioni C. 2007. Upper Mantle

- Structure in the Alpine Zone from Surface Wave Tomography. Russian Academy of Sciences. *Doklady Earth Sciences*, 2007, Vol. 416, No. 7, pp. 1114–1117, ISSN 1028-334X, © Pleiades Publishing, Ltd., 2007. Published in *Doklady Akademii Nauk*, 2007, Vol. 416, No. 3, pp. 388–391.
- Garzanti, E., Doglioni, C., Vezzoli, G., Andò, S., (2007): Orogenic Belts and Orogenic Sediment Provenances. *Journal of Geology*, 115, 315–334.
- Lenci F. and Doglioni C. (2007): On some geometric prism asymmetries. In: *Thrust belts and Foreland Basins: From Fold Kinematics to Hydrocarbon Systems*, O. Lacombe, J. Lavé, F. Roure and J. Verges (Eds.), *Frontiers in Earth Sciences*, Springer, 41-60.
- Panza G., Raykova R.B., Carminati E., & Doglioni C. (2007): Upper mantle flow in the western Mediterranean. *Earth Planet. Sci. Lett.*, 257, 200-214.
- Scrocca D., Carminati E., Doglioni C. & Marcantoni D. (2007): Slab retreat and active shortening along the central-northern Apennines. In: *Thrust belts and Foreland Basins: From Fold Kinematics to Hydrocarbon Systems*, O. Lacombe, J. Lavé, F. Roure and J. Verges (Eds.), *Frontiers in Earth Sciences*, Springer, 471-487.
- Tonarini S., Agostini S., Doglioni C., Innocenti F. & Manetti P. (2007): Evidence for serpentinite fluid in convergent margin systems: The example of El Salvador (Central America) arc lavas. *G3, Geochemistry, Geophysics, Geosystems*, 8, 9, 1-18, Q09014, doi:10.1029/2006GC001508.
- 2006**
- Agostini S., Corti G., Doglioni C., Carminati E., Innocenti F., Tonarini S., Manetti P., Di Vincenzo G. & Montanari D. (2006): Tectonic and magmatic evolution of the active volcanic front in El Salvador: insight into the Berlìn and Ahuachapàn geothermal areas. *Geothermics*, 35, 368–408.
- Carminati E., Doglioni C. & Scrocca D. (2006): I fragili equilibri della Pianura Padana. *Le Scienze*, 450, febbraio, 86-94.
- Corti G., Cuffaro M., Doglioni C., Innocenti F. & Manetti P. (2006): Coexisting geodynamic processes in the Sicily Channel. In: Y. Dilek & S. Pavlides (Eds), *Postcollisional tectonics and magmatism in the Mediterranean region and Asia*, *Geol. Soc. Am. Sp. Paper*, 409, 83-96.
- Cuffaro M., Carminati E. & Doglioni C. (2006): Horizontal versus Vertical Plate Motions. *eEarth Discuss.*, 1, 1-18.
- Doglioni C., Carminati E. & Cuffaro M. (2006): Simple kinematics of subduction zones. *Int. Geol. Rev.*, 48, 6, 479-493.
- Doglioni, C., Cuffaro, M. and Carminati, E. (2006): What moves plates? *Boll. Geof. Teor. App.*, 47, 3, 227-247.
- Riguzzi F., M. Crespi, M. Cuffaro, C. Doglioni, F. Giannone, (2006): A model of absolute plate motion. In: F. Sansò and A.J. Gil (Eds), *Geodetic Deformation Monitoring: From Geophysical to Engineering Roles*, *International Association of Geodesy Symposia*, vol. 131, Springer, 200-208.
- Scoppola B., Boccaletti D., Bevis M., Carminati E. & Doglioni C. (2006): The westward drift of the lithosphere: a rotational drag? *Bull. Geol. Soc. Am.*, 118, 1/2; p. 199–209; doi: 10.1130/B25734.1.
- Scrocca D., Carminati E., Doglioni C. & Marcantoni D. (2006): Arretramento dello slab adriatico e tettonica compressiva attiva nell'Appennino centro-settentrionale. *Rend. Soc. Geol. It.*, 2.
- Yanev Y., Boev, B., Doglioni C., Innocenti F., Manetti P., Pecskey Z., Tonarini S., D'Orazio M., (2006): Late alpine ultra- to high potassic volcanic rocks in Republic

of Macedonia: Mineralogy, geochemistry, and age. *Geosciences*, 1, 201-204.

2005

- Agostini S., Doglioni C., Innocenti F., Manetti P., Savascin M.Y. & Tonarini S. (2005): Tertiary high-Mg volcanic rocks from Western Anatolia and their geodynamic significance for the evolution of the Aegean area. In: Fytikas M. & Vougioukalakis G.E. (Eds), *The South Aegean Active Volcanic Arc, Developments in Volcanology*, 7, Elsevier, p. 345-362.
- Carminati E. & Doglioni C. (2005): Europe - Mediterranean tectonics. In *Encyclopedia of Geology*, Elsevier, v. 2, 135-146.
- Carminati E., Doglioni C. & Scrocca D. (2005): Magnitude and causes of long-term subsidence of the Po Plain and Venetian region. *Flooding and Environmental Challenges for Venice and its Lagoon: State of Knowledge*, ed. C. A. Fletcher and T. Spencer with J. Da Mosto and P. Campostrini. Cambridge University Press.
- Carminati E., Negro A.M., Valera J.L. & Doglioni C. (2005): Subduction-related intermediate-depth and deep seismicity in Italy: insights from thermal and rheological modelling. *Phys. Earth Planet. Int.*, 149, 65–79.
- Cruciani C., Carminati E. and Doglioni C. (2005): Slab dip vs. lithosphere age: no direct function. *Earth Planet. Sci. Lett.*, 238, 298– 310.
- Doglioni C., Green D. and Mongelli F. (2005): On the shallow origin of hotspots and the westward drift of the lithosphere: in *Plates, Plumes and Paradigms*, G.R. Foulger, J.H. Natland, D.C. Presnall, and D.L. Anderson (Eds), *GSA Sp. Paper* 388, 735-749.
- Innocenti F., Agostini S., Di Vincenzo G., Doglioni C., Manetti P., Savascin Y. & Tonarini S. (2005): Neogene and Quaternary volcanism in Western Anatolia: Magma sources and geodynamic evolution. *Marine Geology*, 221, 397– 421.
- Scrocca D., Carminati E. & Doglioni C. (2005): Deep structure of the Southern Apennines (Italy): thin-skinned or thick-skinned? *Tectonics*, 24, TC3005, doi:10.1029/2004TC001634.

2004

- Carminati E., Doglioni C. & Barba S. (2004): Reverse migration of seismicity on thrusts and normal faults. *Earth Science Reviews*, 65, 195–222.
- Carminati E., Doglioni C., Carrara G., Dabovski C., Dumurdjanov N., Gaetani M., Georgiev G., Mauffret A., Sartori R., Seranne M., Scrocca D., Scionti V., Torelli L., Zagorchev I. & Argnani A. (2004): *Transmed: section III*. IGC Florence, CD-rom.
- Carminati E., Doglioni C. & Scrocca D. (2004): Alps Vs Apennines. *Special Volume of the Italian Geological Society for the IGC 32 Florence-2004*, 141-151.
- Cuffaro M., Caputo M. & Doglioni C. (2004): On the sub-rotation of a plate. *Journal of Virtual Explorer*, ISSN 1441-8142, Volume 14, Paper 2.
- Doglioni C., Innocenti F., Morellato C., Procaccianti D. & Scrocca D. (2004): On the Tyrrhenian sea opening. *Memorie Descrittive della Carta Geologica d'Italia*, 64, 147-164.
- Giardina F., Michetti A.M., Serva L. & Doglioni C. (2004): The seismic potential of the Insubria region (Southern Alps): Insights from topographic and rheological modeling. *Boll. Geof. Teor. App.*, 45, 1, supplement, 86-91.
- Lenci F., Carminati E., Doglioni C. & Scrocca D. (2004): Basal Décollement and Subduction Depth vs. Topography in the Apennines-Calabrian arc. *Bollettino Soc. Geol. It.*, 123, 497-502.
- Mongelli F., Zito G., De Lorenzo S., Doglioni C. (2004): Geodynamic interpretation of the heat flow in the Tyrrhenian Sea. *Memorie Descrittive della Carta Geologica*

d'Italia, 64, 71-82.

2003

- Bigi S., Lenci F., Doglioni C., Moore J.C., Carminati E. & Scrocca D. (2003): Decollement depth vs accretionary prism dimension in the Apennines and the Barbados. *Tectonics*, 22, 2, 1010, doi:10.1029/2002TC001410.
- Carminati E., Doglioni C. & Scrocca D. (2003): Apennines subduction-related subsidence of Venice. *Geophys. Res. Lett.* 30, 13, 1717, doi:10.1029/2003GL017001.
- Doglioni C., Carminati E. & Bonatti E. (2003): Rift asymmetry and continental uplift. *Tectonics*, 22, 3, 1024, doi:10.1029/2002TC001459.
- Doglioni C. & Sabadini R. (2003): Mantle dynamics and plate kinematics. In *Encyclopedia of Life Support Systems (EOLSS)*, UNESCO, Eolss Publishers, Oxford, <http://www.eolss.net>.
- Morellato C., Redini F. & Doglioni C. (2003): On the number and spacing of faults. *Terra Nova*, 15, 315-321, doi: 10.1046/j.1365-3121.2003.00501.x
- Scrocca D., Doglioni C. & Innocenti F. (2003): Constraints for an interpretation of the Italian geodynamics: a review. In: Scrocca D., Doglioni C., Innocenti F., Manetti P., Mazzotti A., Bertelli L. Burbi L., D'Offizi S. (Eds.): "CROP Atlas: seismic reflection profiles of the Italian crust". *Mem. Descr. Carta Geol. It.*, 62, 15-46.
- Scrocca D., Doglioni C., Innocenti F., Manetti P., Mazzotti A., Bertelli L. Burbi L., D'Offizi S. (Editors) (2003): "CROP Atlas: seismic reflection profiles of the Italian crust". *Mem. Descr. Carta Geol. It.*, 62, pp. 194.
- Yanev Y., Boev B., Doglioni C., Innocenti F., Manetti P. & Lepitkova S. (2003): Neogene ultrapotassic-potassic volcanic association in the Vardar zone (Macedonia). *Comptes Rendu de l'Académie Bulgare des Sciences*. 56, 4, 53-58.
- Zito G., Mongelli F., De Lorenzo S. & Doglioni C. (2003): Heat flow and geodynamics in the Tyrrhenian Sea. *Terra Nova*, 15, 6, 425-432, doi: 10.1046/j.1365-3121.2003.00507.x

2002

- Bigi S. Doglioni C. & Mariotti G. (2002): Thrust vs normal fault decollements in the central Apennines. *Bollettino Società Geologica Italiana*, Vol. Spec. 1, 161-166.
- Carminati E., Giardina F. & Doglioni C. (2002): Rheological control of subcrustal seismicity in the Apennines subduction (Italy). *Geophysical Research Letters*, 29, NO. 18, 1882, doi:10.1029/2001GL014084.
- Doglioni C., Agostini S., Crespi M., Innocenti F., Manetti P., Riguzzi F. & Savascini Y. (2002): On the extension in western Anatolia and the Aegean sea. *Journal Virtual Explorer*, 7, 117-131.
- Doglioni C. & Carminati E. (2002): The effects of four subductions in NE Italy. *Transalp Conference*, *Mem. Scienze Geol.*, 54, 1-4.
- Merlini S., Doglioni C., Fantoni R., Ponton M. (2002): Analisi strutturale lungo un profilo geologico tra la linea Fella-Sava e l'avampaese adriatico (Friuli Venezia Giulia-Italia). *Mem. Soc. Geol. It.*, 57, 293-300.
- Salustri Galli C., Torrini A., Doglioni C. & Scrocca D. (2002): Divide and highest mountains vs subduction in the Apennines. *Studi Geologici Camerti*, 1, 143-153.

2001

- Catalano R., Doglioni C. & Merlini S. (2001): On the Mesozoic Ionian basin. *Geophys. J. Int.*, 144, 49-64.
- Doglioni C., Innocenti F. & Mariotti G. (2001): Why Mt. Etna? *Terra Nova*, 13, (1), 25-31.

2000

- Doglionni C. (2000): Sismotettonica dell'Italia nord-orientale e possibile comparazione con gli Appennini. In: Galadini F., Meletti C. & Rebez A. (Eds), *Le ricerche del GNDT nel campo della pericolosità sismica (1996-1999)*, CNR-Gruppo Nazionale Difesa Terremoti, Roma, 51-58.
- Mariotti G. & Doglionni C. (2000): The dip of the foreland monocline in the Alps and Apennines. *Earth & Planet. Sci. Lett.*, 181, 191-202.
- Merlini S., Cantarella G. & Doglionni C. (2000): On the seismic profile Crop M5 in the Ionian Sea. *Boll. Soc. Geol.*, 119, 227-236.
- Piedilato S., Prosser G., Parente M. & Doglionni C. (2000): Stratigraphy and structural evolution of Lagonegro units from Southern Apennines (Basilicata, Italy). *Mem. Soc. Geol. It.*, 55, 141-147.
- 1999**
- Doglionni C., Gueguen E., Harabaglia P. & Mongelli F. (1999): On the origin of W-directed subduction zones and applications to the western Mediterranean. *Geol. Soc. Sp. Publ.*, 156, 541-561.
- Doglionni C., Harabaglia P., Merlini S., Mongelli F., Peccerillo A. & Piromallo C. (1999): Orogens and slabs vs their direction of subduction. *Earth Science Reviews*, 45, 167-208.
- Doglionni C., Fernandez M., Gueguen E. & Sabat F. (1999): On the interference between the early Apennines-Maghrebides backarc extension and the Alps-Betics orogen in the Neogene Geodynamics of the Western Mediterranean. *Boll. Soc. Geol. It.*, 118, 75-89.
- Doglionni C., Merlini S. & Cantarella G. (1999): Foredeep geometries at the front of the Apennines in the Ionian sea (central Mediterranean). *Earth & Planetary Science Letters*, 168, 3-4, 243-254.
- Negredo A., Fernandez M., Torne M. & Doglionni C. (1999): Numerical modeling of simultaneous extension and compression: The Valencia trough (Western Mediterranean). *Tectonics*, 18, 2, 361-374.
- Prosser G., Spadea P. & Doglionni C. (1999): The high-grade basement of the Alboran sea: structural and PT evolution. *Proceedings of the Ocean Drilling Program, Scient. Res. Vol.*, 161, 281-294.
- 1998**
- Doglionni C., D'Agostino N. & Mariotti G. (1998): Normal faulting versus regional subsidence and sedimentation rate. *Mar. Petrol. Geol.*, 15, 737-750.
- Doglionni C., Innocenti F., Mariotti. (1998): On the geodynamic origin of Mt Etna. *Atti GNGTS*.
- Doglionni C., Mongelli F. & Piali G.P. (1998): Boudinage of the Alpine belt in the Apenninic back-arc. *Mem. Soc. Geol. It.*, 52, 457-468.
- Gueguen E., Doglionni C. & Fernandez M. (1998): On the post 25 Ma geodynamic evolution of the western Mediterranean. *Tectonophysics*, 298, 259-269.
- Harabaglia P. & Doglionni C. (1998): Topography and gravity across subduction zones. *Geophys. Res. Lett.*, 25, 5, 703-706.
- 1997**
- Doglionni C. & Flores G. (1997): Italy. In: Moores & Fairbridge (Eds), *Encyclopedia of European and Asian Regional Geology*. Chapman & Hall, 414-435.
- Doglionni C., Gueguen E., Sabat F. & Fernandez M. (1997): The western Mediterranean extensional basins and the Alpine orogen. *Terra Nova*, 9, 3, 109-112.
- Doglionni C. & Prosser G. (1997): Fold uplift versus regional subsidence and sedimentation rate. *Marine & Pet. Geology*, 14, 2, 179-190.

- Gueguen E., Doglioni C. & Fernandez M. (1997): Lithospheric boudinage in the Western Mediterranean back-arc basins. *Terra Nova*, 9, 4, 184-187.
- Pieri P., Vitale G., Beneduce P., Doglioni C., Gallicchio S., Giano S.I., Loizzo R., Moretti M., Prosser G., Sabato L., Schiattarella M., Tramutoli M. & Tropeano M. 1997. Tettonica Quaternaria nell'area bradanico-ionica. *Il Quaternario*, 10/2, 535-542.

1996

- Dragoni M., Doglioni C., Mongelli F. & Zito G. (1996): Evaluation of stresses in two geodynamically different areas: stable foreland and extensional back-arc. *PAGEOPH*, 146, 2, 319-341.
- Costa V., Doglioni C., Grandesso P., Masetti D., Pellegrini G.B. & Tracanella E. (1996): Foglio "Belluno" 1:50.000. Note illustrative del F. 063 Belluno. Carta Geologica d'Italia alla scala 1:50.000, Servizio Geologico Italiano, 1-74.
- Doglioni C. (1996): Geodinamica del sistema Appennino-Tirreno. Volume Scuola di Mineralogia, Vulcano, p. 50-60, 17-23 giugno.
- Doglioni C., Busatta C., Bolis G., Marianini L., & Zanella M. (1996): On the structural evolution of the eastern Balkans (Bulgaria). *Marine and Petroleum Geology*, 13, 2, 225-251.
- Doglioni C. & Harabaglia P. (1996): The kinematic paradox of the San Andreas fault. *Terra Nova*, 8, 525-531.
- Doglioni C., Harabaglia P., Martinelli G., Mongelli F. & Zito G. (1996): A geodynamic model of the Southern Apennines. *Terra Nova*, 8, 540-547.
- Doglioni C., Tropeano M., Mongelli F., Pieri P. (1996): Middle-Late Pleistocene uplift of Puglia: An "anomaly" in the Apenninic foreland. *Mem. Soc. Geol. It.*, 51, 101-117.

1995

- D'Alberto L., Boz A. & Doglioni C. (1995): Structure of the Vette Feltrine (Eastern Southern Alps). *Memorie di Scienze Geologiche*, Padova, 47, 189-199.
- Doglioni C. (1995): Geological expression of subduction zones. *Proceedings of Siena Summer School: Plate tectonics: the first twenty-five years*, 253-265.
- Doglioni C. (1995): Geological remarks on the relationships between extension and convergent geodynamic settings. *Tectonophysics*, 252, 1-4, 253-267.
- Doglioni C. & Flores G. (1995): An introduction to the Italian Geology. Ed. Il Salice, Potenza, 1-95.

1994

- Channell J.E.T. & Doglioni C. (1994): Early Triassic paleomagnetic data from the Dolomites (Italy). *Tectonics*, 13, 1, 157-166.
- Doglioni C. (1994): Foredeeps versus subduction zones. *Geology*, 22, 3, 271-274.
- Doglioni C., Mongelli F. & Pieri P. (1994): The Puglia uplift (SE-Italy): an anomaly in the foreland of the Apenninic subduction due to buckling of a thick continental lithosphere. *Tectonics*, 13, 5, 1309-1321.
- Mongelli F., Marotta A. & Doglioni C. (1994): Differenti tipi di litosfera e differenti stili di subduzione negli Appennini. *Atti 13° GNGTS*, pp. 13-24, Roma.

1993

- Doglioni C. (1993): A comparison of subduction zones versus the global tectonic pattern: a possible explanation for the Alps-Carpathian system. *Geophysical Transactions*, 37, 4, 1-13.
- Doglioni C. (1993): Geological evidence for a global tectonic polarity. *Journal of the Geological Society*, London, 150, 991-1002.
- Doglioni C. (1993): Some remarks on the origin of foredeeps. *Tectonophysics*, 228,

1-2, 1-20.

Massari F., Mellere D. & Doglioni C. (1993): Cyclicity in non-marine foreland-basin sedimentary fill: the Messinian Conglomerate-bearing succession of the Venetian Alps (Italy). In: Alluvial sedimentation. Marzo M. and Puigdefabregas C. (editors), Special Publication of the International Association of Sedimentologists. 17, 501-520.

1992

- Channell J.T.E., Doglioni C. & Stoner, J. (1992): Jurassic and Cretaceous paleomagnetic data from the Southern Alps (Italy). *Tectonics*, 11, 4, 811-822.
- Doglioni C. (1992): The Venetian Alps thrust belt. In: K.R. McClay (Ed): *Thrust Tectonics*, Chapman & Hall, 319-324, London.
- Doglioni C. (1992): Relationships between Mesozoic extensional tectonics, stratigraphy and Alpine inversion in the Southern Alps. *Eclogae Geologicae Helveticae*, 85, 1, 105-126.
- Doglioni C. (1992): Main differences between thrust belts. *Terra Nova*, 4, 2, 152-164.
- Doglioni C. (1992): Escursione nel Sudalpino Orientale (Dolomiti e Prealpi Venete). *Agip Adde*, 1-118.
- Doglioni C. (1992): Different Foredeeps. *Atti 11° Convegno Gruppo Nazionale Geofisica della Terra Solida*, novembre 1992, v. II, 585-588, dicembre 1992, Roma.

1991

- Doglioni C. (1991): Una interpretazione della tettonica globale. *Le Scienze*, 270, 32-42, febbraio.
- Doglioni C. (1991): Escursione nel Sudalpino orientale (Dolomiti e Prealpi Venete). *Agip-Adfo*, 1-94.
- Doglioni C. (1991): Different Thrust Belts. *Atti 10° Convegno Gruppo Nazionale Geofisica della Terra Solida*, novembre 1991, v. II, 879-882, Roma.
- Doglioni C. (1991): A proposal of kinematic modelling for W-dipping subductions - Possible applications to the Tyrrhenian - Apennines system. *Terra Nova*, 3, 4, 423-434.
- Doglioni C., Bosellini A., Cesco Frare M., Daha F. & Ben Said E.A. (1991): Aspects tectoniques de la region à l'ouest de Kairouan (Tunisie centrale). *Annali Università di Ferrara, Sez., Scienze della Terra*, v. 2, n. 5, 77-94.
- Doglioni C., Moretti I. & Roure F. (1991): Basal lithospheric detachment, eastward mantle flow and Mediterranean Geodynamics: a discussion. *Journal of Geodynamics*, 13, 1, 47-65.
- Ricard Y., Doglioni C., Sabadini R. (1991): Differential rotation between lithosphere and mantle: a consequence of lateral mantle viscosity variations. *Journal of Geophysical Research*, 96, B5, 8407-8415.

1990

- Doglioni C. (1990): Anatomy of an overthrust. *Annales Tectonicae*. v. IV/1, 68-82.
- Doglioni C. (1990): Thrust tectonics examples from the Venetian Alps. *Studi Geologici Camerti*, Volume speciale 117-129.
- Doglioni C. (1990): The global tectonic pattern. *Journal of Geodynamics*, 12, 1, 21-38.
- Doglioni C. (1990): A balanced cross-section of the Venetian Alps thrust belt. *Atti 75° congresso della Società Geologica Italiana*, Milano, *Memorie Società Geologica*, 45, 151-153.
- Doglioni C. & Siorpaes C. (1990): Polyphase deformation in the Col Bechei area (Dolomites-Northern Italy). *Eclogae Geologicae Helveticae*, 83/3, 701-710.
- Sabadini R., Doglioni C. & Yuen D.A. (1990): Eustatic sea-level fluctuations induced

by polar wander. *Nature*, 345, 708-710.

1989

Doglion C., Masetti D. & Neri C. (1989): Late Carnian extensional tectonics in the Dolomites. *Rendiconti Società Geologica Italiana*, 1991, 14, 43-48.

Doglion C. & Bosellini A. (1989): Platform break - downlap planes relationship in prograding carbonate platforms: a tool for the reconstruction of basin evolution. *Bollettino Società Geologica Italiana*, 108, 1, 175-182.

Doglion C., Bosellini A. & Vail P.R. (1989): Stratal patterns: classification and examples from the Dolomites. *Basin Research*, 2, 83-95.

Slejko D., Carulli G.B., Nicolich R., Rebez A., Zanferrari A., Cavallin A., Doglion C., Carraro F., Castaldini D., Iliceto V., Semenza E., Zanolla C. (1989): Seismotectonics of the Eastern Southern Alps: a Review. *Bollettino Geofisica Teorica Applicata*, XXXI, 122, 110-136.

1988

Bosellini A. & Doglion C. (1988): Progradation Geometries of Triassic Carbonate Platforms of the Dolomites, and Their Large-Scale Physical Stratigraphy. AAPG excursion in the Dolomites: Guide book. *Mediterranean Basins - Nice Conference*, Field Trip n. 6, 1-45.

Doglion C. (1988): Examples of strike-slip tectonics on platform-basin margins. *Tectonophysics*, 156, 293-302.

Doglion C. & Goldhammer R.K. (1988): Compaction-induced Subsidence in a margin of a carbonate platform. *Basin Research*, 1/4, 237-246.

Doglion C. & Neri C. (1988): Anisian tectonics in the Passo Rolle Area. *Rendiconti Società Geologica Italiana*, 11, 197-204.

1987

Doglion C. (1987): Tectonics of the Dolomites (Southern Alps, Northern Italy). *Journal of Structural Geology*, 9, 2, 181-193.

Doglion C. (1987): Guida ad un'escursione del Gruppo Italiano di Geologia Strutturale: La Tettonica delle Dolomiti. *Tecnoprint*, 1-49, Bologna.

Doglion C. & Bosellini A. (1987): Eoalpine and Mesoalpine tectonics in the Southern Alps. *Geologische Rundschau*, 76/3, 735-754.

Slejko D., Carraro F., Carulli G.B., Castaldini D., Cavallin A., Doglion C., Nicolich R., Rebez G., Semenza E., Zanferrari A. (1987): Modello sismotettonico dell'Italia nordorientale. *CNR, Rendiconto n.1*, 1-82.

1986

Bosellini A. & Doglion C. (1986): Inherited structures in the hangingwall of the Valsugana Overthrust (Southern Alps, Northern Italy). *Journal of Structural Geology*, 8, 5, 581-583.

Slejko D., Carraro F., Carulli G.B., Castaldini D., Cavallin A., Doglion C., Nicolich R., Rebez G., Semenza E., Zanferrari A. (1986): Seismotectonic Model of Northeastern Italy: an approach. *Geologia Applicata Idrogeologia*, XXI, I, 153-165.

1985

Doglion C. (1985): Geometrie lungo l'asse di una kink-band centimetrica. *Bollettino Società Geologica Italiana*, 104, 1, 81-86.

Doglion C. (1985): The overthrusts in the Dolomites: ramp-flat systems. *Eclogae Geologicae Helvetiae*, 78/2, 335-350.

Doglion C. & Castellarin A. (1985): A geologic schematic cross-section of the eastern Southern Alps. *Rendiconti Società Geologica Italiana*, 8, 35-36.

Doglion C. & Semenza E. (1985): Una lineazione tettonica secante la catena alpina dal Veneto alla Svizzera. *Rendiconti Società Geologica Italiana*, 8, 15-16.

1984

Doglioni C. (1984): Triassic diapiric structures in the central Dolomites (Northern Italy). *Eclogae Geologicae Helvetiae*, 77/2, 261-285.

Doglioni C. (1984): Tettonica triassica transpressiva nelle Dolomiti. *Giornale di Geologia*, 46, 2, 47-60, Bologna.

Doglioni C. (1984): I sovrascorrimenti nelle Dolomiti: sistemi di ramp-flat. Tecnoprint, Bologna, 1-22.

1983

Doglioni C. (1983): Duomo medio-triassico nelle Dolomiti. *Rendiconti Società Geologica Italiana*, 6, 13-16.

1982

Castellarin A., Doglioni C., Guy F., Paganelli L. & Rossi P.M.L. (1982): Le arenarie vulcaniche sopraladine della zona di Chertz. In: Guida alla Geologia del Sudalpino centro-orientale. Guide Geologiche Regionali, Società Geologica Italiana, 255-260.

Bosellini A., Castellarin A., Doglioni C., Guy F., Lucchini F., Perri M.C., Rossi P.M.L., Simboli G. & Somlavilla E. (1982): Magmatismo e tettonica nelle Dolomiti. In: Guida alla Geologia del Sudalpino centro-orientale. Guide Geologiche Regionali, Società Geologica Italiana, 189-210.

Bosellini A., Castellarin A., Doglioni C., Guy F., Perri M.C., Rossi P.M.L., Simboli G. & Somlavilla E. (1982): Geologia della Conca di Arabba. In: Guida alla Geologia del Sudalpino centro-orientale. Guide Geologiche Regionali, Società Geologica Italiana, 243-254.

Doglioni C. (1982): Tettonica Triassica nella Valle di Livinallongo (Dolomiti centrali). *Annali Università di Ferrara, Sez. IX, Scienze Geologiche Paleontologiche*, VIII, 1, 1-21.

Doglioni C. (1982): Geologia della zona di Lagole di Cadore. *Dolomiti*, 49-54, giugno.

Web pages

Doglioni C. & Cuffaro M. 2006. The hotspot reference frame and the westward drift of the lithosphere.

<http://www.mantleplumes.org/Hotspots.html>

Carminati E. & Doglioni C. 2011. North Atlantic geoid high, volcanism & glaciations

<http://www.mantleplumes.org/NAtlanticGeoid.html>

Doglioni C. 2007. La teoria della tettonica delle placche.

<http://www.treccani.it/>

Doglioni C. 2007. Le placche di casa nostra: il Mediterraneo e la geologia dell'Italia.

<http://www.treccani.it/>

Doglioni C. 2008. L'interno della Terra. Treccani Scuola.

<http://www.treccani.it/>

Popular papers

Doglioni C. (1985): Aspetti geologici della sismicità nel Feltrino. *El Campanon*, anno XVIII, n.59-60, 57-61.

- (1985): I Sovrascorrimenti di Vetta nelle Dolomiti. *Dolomiti*, VIII, 3, giugno, Belluno.

- (1986): Elementi di Tettonica. Dispensa dell'Opera Universitaria, 1-125, Ferrara.

- (1987): Elementi di Tettonica, seconda edizione. Dispensa dell'Opera Universitaria, 1-147, Ferrara.

- (1989): Note sul bicentenario delle Dolomiti. *Dolomiti*, XII, 3, giugno, Belluno.

- (1993): Un pianeta vivo. Insetto "Scienza e Società", quotidiano "Il Giorno", 6 aprile 1993.

- (1994): voce "Tettonica a placche" per l'Enciclopedia della Scienza e della Tecnologia, De Agostini, 1044-1046.

- (1994): Elementi di Tettonica. Casa Ed. Il Salice, 1-150, Potenza.

Doglioni C. & Lasen C. (1985): Il Sentiero Geologico di Arabba. Pubblicazioni scientifiche del CAI, Itinerario naturalistico 22.

Doglioni C. & Masetti D. (1989): Note geologiche sulle Vette Feltrine. *El Campanon*, 75, 1-10.

Doglioni C. e Neri C. (1988): Introduzione all'ambiente naturale - Itinerario n.1 Passo Giau-Mondeval-Croda da Lago-Cortina. (Parte geologica) in: Bosellini A., et al.: Guide naturalistiche delle Dolomiti Venete n.1, edizioni Dolomiti, 1-169.

Doglioni C. e Neri C. (1989): Introduzione all'ambiente naturale - Itinerario n. 2 Cortina - Fraïna- Porta del Dio Silvano - Costalaresc - Torrente Begontina - Rio Gere - Passo Tre Croce. (Parte geologica) In: Bonapace U. et al.: Guide naturalistiche delle Dolomiti Venete n. 2, edizioni Dolomiti, 1-125.

Doglioni C. e Neri C. (1990): Introduzione all'ambiente naturale - Itinerari n. 4 e 5, Valparola - Andraz e S.Vito di Cadore - Foresta Somadida. In: Bonapace U. et al.: Guide naturalistiche delle Dolomiti Venete n. 3, edizioni Dolomiti.

Doglioni C. e Roilo F. (1996): Un'introduzione alla geologia del Col di Lana. *Rivista del CAI Bellunese*.

Doglioni C. (2000): Impariamo da Giulio Verne. *Protecta*, 10/12, 9-10.

Doglioni C. (2001): Geologia feltrina. Libro 'Feltrino', 14-19.

Doglioni C. (2005): La deriva dei continenti. Insetto di Repubblica.

Doglioni C. (2006): Plate Tectonics. In: *Encyclopedia of Hydrocarbons*, Treccani, chapter 1.4.1, 117-135.

Doglion C. and Pignatti J. (2006): Le scienze della Terra. Treccani.

Doglion C. (2006): Tettonica delle placche. Le Scienze Naturali nella Scuola, Anno XV, 29, III, 33-42.

Doglion C. (2007): L'interno della Terra, Treccani.

Doglion C. (2007): La teoria della tettonica delle placche. Treccani Scuola, online.

Doglion C. (2007): Le placche di casa nostra: la tettonica del Mediterraneo. Treccani Scuola, online.

Doglion C. (2013): Anthropocene natural disequilibrium. Atti convegno "Anthropocene", Accademia Nazionale dei Lincei.

Doglion C. (2014): Terremoti. Nuova Secondaria, XXXI, 6, febbraio, 38-43.

Doglion C., Barba S., Carminati E., Riguzzi F., (2014): Una nuova idea sui terremoti. Le Scienze, Marzo, v. 547, p. 76-83.

Doglion C., Peppoloni S. (2016) Pianeta Terra: una storia non finita. Editrice Il Mulino

Doglion C., (2018) La memoria e lo tsunami.
https://www.huffingtonpost.it/accademia-dei-lincei/la-memoria-e-lo-tsunami_a_23625878/

Doglion C. & Pampanin S. (2019) La prevenzione è questione di cultura.
https://www.huffingtonpost.it/entry/la-prevenzione-sismica-e-questione-di-cultura-ne-vale-la-pena_it_5d91afc0e4b0019647ab0589?ncid=other_twitter_coo09wqtham&utm_campaign=share_twitter

Doglion C. (2019) Un saluto ad Alberto Bally. Società Geologica Italiana, Ricordi. <https://www.socgeol.it/448/alberto-w-bally.html>

Doglion C. (2019) Gradienti della Terra e non solo. In: Cosmologia. L'uomo eterno Ulisse nell'infinità dei mondi. Atti del Meeting Le due culture, a cura di Michele Farisco e Ortensio Zecchino, Fondazione Biogem, 85-100.

Doglion C. (2020) Gradienti della Terra. Treccani, Parole del XXI Secolo.

Doglion C. (2020) Traguardi e visioni future, tra nuovi strumenti e procedure. Il rapporto tra comunità scientifica e decisori di protezione civile nell'ambito della prevenzione dai rischi naturali. L'Ingegnere Italiano. Emergenze, 378, 18-20.

Doglion C. (2021) Ricerca per la Ripresa e la Resilienza.
https://www.huffingtonpost.it/entry/ricerca-per-la-ripresa-e-la-resilienza-di-c-doglion_it_606dbdf9c5b68ddf94b7aa6a

Web video seminars & interviews:

<https://www.youtube.com/watch?v=r1LAQrnRmTs> Dipartimento Fisica Sapienza Roma 7/4/2020

<https://www.youtube.com/watch?v=hSh9yyXUtPg> Accademia dei Lincei Roma 8/2/2019

<https://www.youtube.com/watch?v=HQgTaYbycHA> Accademia dei Lincei Roma 8/2/2019

<https://www.youtube.com/watch?v=pzjheMJvkI> Festival Scienza Foligno 2018

<https://www.youtube.com/watch?v=m71dMmo0rpY&t=41s> Accademia dei Lincei per la Scuola 20/3/2018 1° parte

https://www.youtube.com/watch?v=Y9isRwC2_t8 Accademia dei Lincei per la Scuola 20/3/2018 2° parte

<https://www.youtube.com/watch?v=ajEt-R8PGXE>
Festival della Scienza e Filosofia di Foligno 25/4/2021

<https://www.youtube.com/watch?v=Go15VyPLvL4>
I Lincei per la Ricerca 1/3/2021

<https://fr-fr.facebook.com/nhkworld/videos/direct-talk-carlo-dogliani-geologist-1848665788513502/>
NHK World Japan 11/2017

<https://www.youtube.com/watch?v=r08KePeTKeo> Accademia delle Scienze Torino
31/5/2017

<https://www.youtube.com/watch?v=EtAjWnaOZfc> Istituto Veneto Venezia 28/5/2017

<https://www.youtube.com/watch?v=4LArtXCWys8> Istituto Veneto Venezia
20/1/2017

https://www.youtube.com/watch?v=pkc_AopGgO4 Accademia dei Lincei 12/1/2017

<https://www.quirinale.it/elementi/8011> Visita Presidente Repubblica INGV 24/1/2018

<http://www.raiscuola.rai.it/programma-unita/carlo-dogliani-il-mantello-terrestre/301/41771/default.aspx> Rai 20/7/2018

<https://www.youtube.com/watch?v=fZfgG3Ikhtg> Teramo 6/2/2018

<https://www.youtube.com/watch?v=pzx8INkrXrQ> Istituto Veneto Venezia 20/1/2015

<http://www.scuola.rai.it/programma-unita/carlo-dogliani-lenergia-che-si-libera-durante-un-terremoto/282/41744/default.aspx>

<https://www.raicultura.it/scienza/articoli/2019/06/Lenergia-che-si-libera-durante-un-terremoto-b7d3462a-3c92-45c2-9f89-7887ae0452d5.html>

<https://www.youtube.com/watch?v=Rf73XXQ7KRY> TG2000 27/10/2017

<https://www.youtube.com/watch?v=IGhrFj-PzPo> Assomineraria-Mise 19/11/2014

<https://www.raiplay.it/video/2019/09/la-terra-trema--23092019-cf3d89ca-1dd9-4121-8cca-0ab2a5c039a0.html>

<https://www.youtube.com/watch?v=J14xGH5GjVc> Teleponte 3/2/2018

<https://www.youtube.com/watch?v=k2aamPoUoJs> Rai 26/8/2016

<https://www.youtube.com/watch?v=5TVh-vhBKyk> Rai 26/8/2016

<https://finanza.lastampa.it/News/2018/05/10/terremoti-dogliani-ingv-ricerca-interventi-e-prevenzione-cruciali-per-litalia-/MTk5XzIwMTgtMDUtMTBfVExC>

<https://www.raiplay.it/video/2019/11/Abruzzo-unaltra-scossa---08112019-2815869b-111f-42dd-a04c-4730da0b9755.html>

<https://www.raiplay.it/video/2019/10/Prevedere-i-terremoti-e-possibile---11102019-d621c881-80e0-4822-a21e-b82d2779daa1.html>

<https://www.raiplay.it/video/2019/05/La-terra-trema-paura-in-Puglia---22052019-79f917d9-a843-4e4b-b7d7-97df0281d74c.html>

<https://www.aqbox.tv/notizie.php?view=14647>

<https://www.msn.com/it-it/video/amici/la-terra-trema-23-09-2019/vp-AAHLY0B>

<https://www.youtube.com/watch?v=nrBsaTbfTK0> TG2000 23/9/2016

<https://www.raicultura.it/scienza/articoli/2019/06/Il-mantello-terrestre--c894dc51-099f-424e-b448-64e8f3f7ee4d.html>

<http://www.raiscuola.rai.it/articoli/il-fondo-del-barile/21641/default.aspx> Rai Scuola
2008

<http://www.raiscuola.rai.it/articoli/studiare-la-terra/9720/default.aspx> Rai Scuola 2007

<http://www.raiscuola.rai.it/articoli/tettonica-delle-placche/9732/default.aspx> Rai
Scuola 2007

<https://www.facebook.com/sergiopirozzisindaco/videos/il-dizionario-della-rinascita/964554433728590/>

ABSTRACTS updated to 2009 only

- DOGLIONI C. (1985): Tectonic aspects of the Dolomites (Southern Alps, Northern Italy). In: Tectonic Studies Group, Annual Meeting Volume, Southampton.
- (1987): 3-Dimensional problems in tectonics of the Dolomites. *Terra Cognita*, 7, 1, 54.
 - (1988): Structure of the Venetian Southern Alps. Tectonic Studies Group, Annual Meeting Volume, Cambridge.
 - (1989): Notes on the tectonics of Morocco. 28th International Geological Congress, Washington, v.1, 402-403.
 - (1990): Notes on the Tectonics of the Venetian Alps. Convegno di Parma su "Neogene Thrust Tectonics: esempi da Alpi Meridionali, Appennino e Sicilia".
 - (1990): Anatomy of an overthrust. Laubscher's Meeting, Suisse Tectonic Studies Group volume, Basel.
 - (1990): Tectonics of the Venetian Alps. Thrust Tectonics Meeting, London.
 - (1990): The Alps-Carpathians system versus the global tectonic pattern. In: Alpine tectonic evolution of the Pannonian Basin and surrounding mountains, Intern. Workshop, Balatonszabadi.
 - (1991): Two types of thrust belts. EUG Strasbourg, *Terra Abstracts*, 3, 1, 218.
 - (1991): Mesozoic constraints in the structural evolution of the Southern Alps thrust belt. EUG, Strasbourg, *Terra Abstracts*, 3, 1, 232.
 - (1993): A comparison between subduction zones, thrust belts and foredeeps. 83° Congresso della Geologische Vereinigung, Berlin, *Terra Nostra*, 1/93, 6-7.
 - (1997): Fold uplift and graben subsidence vs different geodynamic settings. ILP Origin of sedimentary basins, Palermo.
 - • • - (1998): Un'ipotesi per il Sudalpino. Congresso Soc. Geol. It., Palermo.
 - • • - (1998): La subduzione appenninica: evidenze geologiche e vincoli cinematici. GNGTS.
 - • • - (2000): On the kinematics of the Apennines and similar west-directed subduction zones. Bert Bally's Fest, Houston
 - • • - (2004): Alps Vs Apennines: two end-members of a global signature. 32°IGC, Florence.
 - • • - (2005): Global tectonic asymmetries and applications to Europe. AAPG Distinguished Lecture Tour.
 - • • - (2005): Thrust belt parameters and asymmetries. IFP, Thrust belt and foreland basins, Rueil Malmaison 14-16 December.
- DOGLIONI C., CARMINATI E., CUFFARO M. e SCROCCA D. (2006): Modelli geodinamici per i movimenti orizzontali e verticali nel Mediterraneo. Riunione annuale AIQUA, CNR Roma.

- Doglioni C., Carminati E. & Cuffaro M. (2006): Lithosphere-Asthenosphere decoupling. *Geophysical Research Abstracts*, Vol. 8, 01468, SRef-ID: 1607-7962/gra/EGU06-A-01468, European Geosciences Union.
- DOGLIONI C., BIGI S., MARIANO S. & MARIOTTI G. (2000): The Alps in the Apennines? Constraints from the decollement planes. *Atti Convegno SGI Foligno*, in memoria di Giampaolo Pialli.
- DOGLIONI C., BOCCALETTI D., CARMINATI E., CUFFARO M. & SCOPPOLA B., (2003): On the Westward drift of the Lithosphere. Hveragerdi, Iceland, GSA Penrose Conference.
- DOGLIONI C. & BOSELLINI A. (1987): Late Cretaceous-Paleogene tectonics in the central Southern Alps. *Terra Cognita*, 7, 1, 55.
- DOGLIONI C. & CARMINATI E. (2004): On the Mediterranean geodynamics. 32° IGC, Florence.
- DOGLIONI C., CARMINATI E., CRUCIANI C. & CUFFARO M. (2005): Opposite Kinematics, no Slab dip Vs Lithosphere age Correlation, and passive Behavior of Subduction zones. EGU, Wien.
- DOGLIONI C., CUFFARO M., GREEN D. & MONGELLI F. (2004): Hotspots and the westward drift of the lithosphere. 32°IGC, Florence.
- DOGLIONI C., INNOCENTI F., MANETTI P., AGOSTINI S. & SAVASCIN Y. (2003): Tectonic asymmetries and applications to the Aegean sea rift. Milos SAAVA Meeting.
- DOGLIONI C., MERLINI S. & CANTARELLA G. (1999): Foredeep geometries in the Ionian Sea. Thrust tectonics '99, London.
- DOGLIONI C. & GUEGUEN E. (1996): Budinaggio litosferico nei bacini di retroarco del Mediterraneo occidentale. *Atti GNGTS*, 12 novembre, Roma.
- DOGLIONI C., GUEGUEN E. & HARABAGLIA P. (1996): On the origin of W-directed subduction zones and applications to the western Mediterranean. Workshop on the Mediterranean geodynamics, Cergy-Pontoise, 13-16 December, France.
- DOGLIONI C., GUEGUEN E. & PROSSER G. (1996): An interpretation of the geodynamics of the western Mediterranean. ODP Leg 161, Post-Cruise Meeting, Mojacar, 15-20 July, Spain.
- DOGLIONI C., GUEGUEN E., SABAT F., HARABAGLIA P. & PROSSER G. (1997): A proposal for the western Mediterranean geodynamics. Strasbourg, EUG 9.
- DOGLIONI C., GREEN D. & MONGELLI F. (2004): On the shallow origin of hotspots and the westward drift of the lithosphere. EGU, Nice.
- DOGLIONI C., HARABAGLIA P., MARTINELLI G., MONGELLI F. & ZITO G. (1996): Geophysical and geochemical data support the presence of an asthenospheric wedge beneath southern Apennines. The Hague, 6-10 maggio, European Geophysical Society.
- DOGLIONI C., INNOCENTI F. & MARIOTTI S. (2000): The foreland dip in the Mediterranean belts and the Etna. EGS, April, Nice.
- DOGLIONI C. & MARIOTTI G. (2000): On the foreland monoclines and foredeeps in the Mediterranean area. EAGE, Malta. 1 October Geology and Petroleum Geology of the Mediterranean and Circum-Mediterranean Basins, Session: Western Mediterranean Tectonics.
- DOGLIONI C., MONGELLI F. & PIALLI G.P. (1996): Apenninic back-arc lithospheric boudinage on the former Alpine belt. Workshop on the CROP 03, Accademia Naz. Lincei, 8-10 Dicembre, Roma.

- DOGLIONI C. & PROSSER G. (1996): West-dipping subductions develop along the backthrust belts of former east-dipping subductions. The Hague, 6-10 maggio, European Geophysical Society.
- DOGLIONI C. & PROSSER G. (1996): Different stratigraphic patterns due to different geodynamic settings. The Hague, 6-10 maggio, European Geophysical Society.
- AGOSTINI S., CRESPI M., DI VINCENZO G., DOGLIONI C., INNOCENTI F., MANETTI P., RIGUZZI F., SAVASCIN Y. & TONARINI S. (2002): Horizontal slab-window-related magmatism in a back-arc extensional area: The case of Western Anatolia Cenozoic volcanism. Cosenza, Conferenza sull'Arco Calabro.
- AGOSTINI S., DOGLIONI C., INNOCENTI F., MANETTI P., SAVASCIN MEHMET Y., TONARINI S. (2004): The transition from orogenic to intraplate products in the western Anatolia Neogene to recent magmatism. 32°IGC, Florence.
- AGOSTINI S., CARMINATI E., CORTI G., DOGLIONI C., INNOCENTI F., MANETTI P., MONTANARI D. & TONARINI S. (2006): Active tectonics and volcanic activity in El Salvador (Central America). Geophysical Research Abstracts, Vol. 8, 03565, SRef-ID: 1607-7962/gra/EGU06-A-03565, European Geosciences Union.
- BIGI S., DOGLIONI C., MOORE C. & LENCI F. (2001): On the decollement depth in the Apennines and Barbados. AGU fall meeting, S. Francisco.
- BOEV B., BRIZZI C., DOGLIONI C., D'ORAZIO M., INNOCENTI F., KOLIOS N., MANETTI P., TONARINI S., YANEV Y. Neogene potassic and ultrapotassic volcanism in Macedonia. 32°IGC, Florence.
- CANTARELLA G., DOGLIONI C., MERLINI S. & CHIARA S. (1997): Struttura del Mar Ionio dalle linee Crop. Convegno Crop, 23-24 giugno, Trieste.
- CARMINATI E., DOGLIONI C. & BARBA S. (2001): Opposite migration of the seismicity along thrusts and normal faults. EGS Nice.
- CARMINATI E., DOGLIONI C. & LENCI F. (2002): On the Neogene geodynamics of the Mediterranean. EAGE, Florence.
- CARMINATI E., DOGLIONI C., MARTINELLI G., SCROCCA D. & SEVERI P. (2004): Analysis of subsidence in the eastern Po plain (northern Italy) from stratigraphic, seismic, 14C and geodetic data: the effects of tectonics, deglaciation and human activity. 32°IGC, Florence.
- CARMINATI E., DOGLIONI C., & THE TRANSMED-TRANSECT3 TEAM (2004): TRANSMED - TRANSECT III: A lithospheric cross-section through the central and eastern Mediterranean region. 32°IGC, Florence.
- CATALANO R., D'ARGENIO B. & DOGLIONI C. (1989): Triassic and Liassic transtensional tectonics and later inversion in Italy. 28th International Geological Congress, Washington, v. 1, 251.
- Catalano, R., C. Doglioni, S. Merlini, A. Sulli A., 2002, The Subduction of the Ionian Crust and the Outer Calabrian Accretionary Wedge. Florence, 64th EAGE Annual Conference & Exhibition, Session: Geodynamics of Mediterranean Basins E&P, 27 May.
- CHANNELL J.T.E., DOGLIONI C. & STONER, J. (1991): New paleomagnetic data from the Southern Alps. In: IUGG, General Assembly XX, Vienna. Tethyan Paleomagnetism and tectonics.
- CRESPI M., CUFFARO M., DOGLIONI C., GIANNONE F. & RIGUZZI F. (2004): A model of absolute plate motions. 32°IGC, Florence.
- CRESPI M., CUFFARO M., DOGLIONI C., GIANNONE F. & RIGUZZI F. (2005): A model of absolute plate motions. EGU, Wien.

- CRESPI M., CUFFARO M., DOGLIONI C., GIANNONE F. & RIGUZZI F. (2006): Space geodesy validation of the "W-ward" lithospheric mainstream. Geophysical Research Abstracts, Vol. 8, 01813, SRef-ID: 1607-7962/gra/EGU06-A-01813, European Geosciences Union.
- CUFFARO M., CAPUTO M. & DOGLIONI C. (2004): On the sub-rotation of a plate. EGU, Nice.
- CUFFARO M., CAPUTO M. & DOGLIONI C. (2004): On the sub-rotation of a plate. 32°IGC, Florence.
- DAL PIAZ G.V. & DOGLIONI C. (1992): Struttura del Sudalpino orientale lungo il profilo CROP 1A. Riunione profilo CROP 1, Bologna, 16-17 Giugno.
- DRAGONI M., DOGLIONI C., MONGELLI F. & ZITO G. (1993): Valutazione degli sforzi in due aree geodinamicamente differenti: area stabile di avampaese, area di distensione di retroarco. Atti GNGTS, 24 novembre 1993, Roma.
- GIARDINA F., MICHETTI A.M., SERVA, L. & DOGLIONI C. (2004): Modeling topographic and rheological data for characterizing the seismic potential in the Lombardia sector of Southern Alps (Italy). Geomod, Switzerland.
- HARABAGLIA P. & DOGLIONI C. (1996): Differenze nei profili topografici e gravimetrici delle subduzioni del Mediterraneo. Atti GNGTS, 12 novembre, Roma.
- HARABAGLIA P. & DOGLIONI C. (1997): Topography and gravity across subduction zones. EGS, Wien.
- LENCI F. & DOGLIONI C. (2006): Thrust belts asymmetries and parameters. Geophysical Research Abstracts, Vol. 8, 01471, 2006 SRef-ID: 1607-7962/gra/EGU06-A-01471, European Geosciences Union.
- LENCI F., SCROCCA D., BIGI S., CARMINATI E. & DOGLIONI C. (2005): Quantitative analysis of the Apennines subduction system. EUG Wien.
- MARIOTTI G. & DOGLIONI C. (1999): The dip of the foreland monocline in the Alps and in the Apennines. *Fist, Geitalia*, Bellaria.
- MERLINI S., Doglioni C., Fantoni R., Ponton M., Rogledi S. e Venturini S. (2000): Strutture alpine e dinariche lungo un transetto dalla linea Fella-Sava all'avampaese adriatico (Prealpi Giulie). Atti Conv. SGI Trieste.
- PIERI P., SABATO L., TROPEANO M. & DOGLIONI C. (1996): Evoluzione tettono-sedimentaria del segmento meridionale dell'avanfossa appenninica post-messiniana (Fossa Bradanica). Riunione Gruppo Sedimentologia CNR, 10 ottobre, Catania, pp. 232-234.
- PROSSER G., SCHIATTARELLA M., TRAMUTOLI M., DOGLIONI C., HARABAGLIA P. e BIGOZZI A. (1996): Una sezione rappresentativa dell'Appennino meridionale. Conferenza sulla Ricerca Scientifica in Basilicata, 1 marzo.
- PROSSER G., SCHIATTARELLA M., TRAMUTOLI M. & DOGLIONI C. (2001): Regional cross-sections of the Southern Apennines. Workshop Crop 04, Pisa.
- PROSSER G., DOGLIONI C. & GUEGUEN E. (1996): Microstructural deformational features on the metamorphic rocks of site 976, and regional correlations. ODP Leg 161, Post-Cruise Meeting, Mojacar, 15-20 July, Spain.
- RICARD Y., DOGLIONI C., SABADINI R. (1990): Rotazione differenziale tra mantello e litosfera - implicazioni per la subduzione. 9° Convegno Nazionale Gruppo Nazionale Geofisica Terra Solida, 13-15 novembre 1990, Roma.
- Rutigliano P., Ferraro C., Devoti, R.Lanotte R., Luceri V., Nardi A., Pacione R., Sciarretta C., Doglioni C., Gueguen E., Vespe F. (2000): Vertical motion in the

- western Mediterranean area from geodetic and geologic data. Wegener 2000 Assembly, San Fernando, Spain, 18-20 Settembre.
- SCHIATTARELLA M., DOGLIONI C., PROSSER G. & TRAMUTOLI M. (1997): Large-scale geometry and kinematics of the Southern Apennines. Strasbourg, EUG 9.
- SCOPPOLA B., BOCCALETTI D., CARMINATI E. & DOGLIONI C. (2003): Earth's rotation and the westward drift of the lithosphere. EGS-AGU, Nice.
- Scrocca D., Carminati E., Doglioni C. & Marcantoni D. (2006): Slab retreat and active shortening along the central-northern Apennines, Geophysical Research Abstracts, Vol. 8, 01328, SRef-ID: 1607-7962/gra/EGU06-A-01328, European Geosciences Union.
- TROPEANO M., SABATO L., PIERI P. & DOGLIONI C. (1998): Geodynamic and stratigraphic history of the Bradanic Trough (South-Apennines Foredeep, Italy). 15th international sedimentological congress, Alicante, p. 772.
- TROPEANO M., SABATO L., PIERI P. & DOGLIONI C. (2000): Quaternary stratigraphy and geodynamic of the South-Apennines foredeep (Bradanic trough - Southern Italy). Atti Convegno SGI Foligno, in memoria di Giampaolo Pialli.
- VALERA J.L., CARMINATI E., NEGREDO A.M. & DOGLIONI C. (2003): Subcrustal seismicity in Italy: control of rheology and phase changes. EGS-EGU-AGU, Nice.
- ZERBINI S., MATONTI F. & DOGLIONI C. (2004): Crustal movements in the northeastern Italy derived from permanent GPS stations. 32th IGC, Florence.
- Crespi M, Cuffaro M., Doglioni C, Giannone F., Riguzzi F. 2006. Space geodesy validation of the "W-ward" lithospheric mainstream. Wegener Meeting Nice.
- ZERBINI S., MATONTI F. & DOGLIONI C. (2006): Crustal movements in northeastern Italy from permanent GPS stations. Geophysical Research Abstracts, Vol. 8, 06257, SRef-ID: 1607-7962/gra/EGU06-A-06257, European Geosciences Union.
- Doglioni C. 2007. Plates mainstream now and in the past. Maurizio Gaetani's meeting, Milano.
- Carminati E., Cuffaro M., Doglioni C., and Scrocca D. 2007. Rates and origin of vertical tectonic movements in Europe. Topoeurope Meeting, Rome.
- Cuffaro M. and Doglioni C. 2007. Global kinematics in the deep vs shallow hotspot reference frames. EGU General Assembly, EGU2007-A-03734.
- FERRANTE V, SCROCCA D, DOGLIONI C., GASPERINI L, RECANATI R, CHIARABBA C, GUERRINI M, ANASTASIO M. (2007). Seismotectonics of the southern Tyrrhenian. In: Geophysical Research Abstracts. European Geosciences Union. April 2007. (vol. 8).
- Doglioni C., Carminati E., Cuffaro M., and Scrocca D. 2007. Tectonic constraints at opposite subduction zones. Montpellier subduction zone geodynamics conference.
- Doglioni C., Carminati E., Cuffaro M., and Scrocca D. 2007. Kinematic constraints and dynamic speculation on subduction zones. Fist, Bellaria.
- MALUSA M.G, GARZANTI E, VEZZOLI G, ANDO S, SCIUNNACH D, SCARDIA G, DOGLIONI C.. (2007). Focused erosion and antecedent drainage in the Oligocene Alps. 8th Workshop on Alpine Geological Studies. Ottobre 2007. BONN: University (GERMANY).
- AGOSTINI SAMUELE, DOGLIONI C., INNOCENTI FABRIZIO, MANETTI PIERO, TONARINI, SONIA, SAVASIN MEHMET YILMAZ. (2007). THE TRANSITION BETWEEN OROGENIC AND INTRAPLATE MAGMATISM IN WESTERN

ANATOLIA-AEGEAN REGION. In: Geoitalia abstracts. Sesto Forum Italiano di Scienze della Terra. Settembre 2007. (vol. 6). RIMINI: Geoitalia (ITALY).

D'ORAZIO MASSIMO, INNOCENTI FABRIZIO, TONARINI SONIA, DOGLIONI C. (2007). THE PLEISTOCENE CALCIOCARBONATITES (ALVIKITE) FROM VALLONE TOPPO DI LUPO (MT. VULTURE, SOUTHERN ITALY). In: Geoitalia abstracts. Sesto Forum Italiano di Scienze della Terra. Settembre 2007. (vol. 6). RIMINI: Geoitalia (ITALY).

DOGLIONI C., CARMINATI EUGENIO, CUFFARO MARCO, SCROCCA DAVIDE. (2007). SUBDUCTION KINEMATICS AND DYNAMIC CONSTRAINTS. In: Geoitalia abstracts. Sesto Forum Italiano di Scienze della Terra. Settembre 2007. (vol. 6). RIMINI: Geoitalia (ITALY).

DOGLIONI C., INNOCENTI FABRIZIO, TONARINI SONIA. (2007). SUPRA-SLAB MANTLE WEDGE ASYMMETRY AND GEODYNAMIC CONSTRAINTS ON MANTLE CONVECTION. In: Geoitalia abstracts. Sesto Forum Italiano di Scienze della Terra. Settembre 2007. (vol. 6). RIMINI: Geoitalia (ITALY).

TONARINI SONIA, AGOSTINI SAMUELE, DOGLIONI C., INNOCENTI FABRIZIO, MANETTI, PIERO. (2007). EVIDENCE FOR SERPENTINITE FLUID IN CONVERGING SYSTEMS: THE EXAMPLE OF EL SALVADOR (CENTRAL AMERICA) ARC LAVAS. In: Geoitalia abstracts. Sesto Forum Italiano di Scienze della Terra. Settembre 2007. (vol. 6). RIMINI: Geoitalia (ITALY).

Agostini S., Doglioni C. Innocenti F., Manetti P. & Tonarini S. 2008. Neogene volcanism and extension in Western Anatolian-Aegean area: a new geodynamic model. Harrington Conferente Austin Texas.

Scrocca D., Doglioni C., Arecco P., Petracchini L., Cannata D. & Recanati R. 2008. Relationships between coexisting geodynamic processes and hydrocarbon occurrences in the Outer Albanides. EAGE, Rome.

Carminati E., Cuffaro M., Doglioni C., Scrocca D. 2010. Topoeurope Meeting, Norway.

Doglioni C. 2010. Asymmetric subductions in an asymmetric Earth. Tectonic Crossroads: Evolving Orogens of Eurasia-Africa-Arabia. GSA, Ankara. Eurasia-Africa-Arabia.

Scrocca D., Doglioni C., Arecco P., Petracchini L., Cannata D. & Recanati R. 2008. Relationships between coexisting geodynamic processes and hydrocarbon occurrences in the Outer Albanides. Geological Soc. London.

D. Scrocca, E. Carminati, D. Cavazza, C. Doglioni 2008. Thermo-kinematic Modelling and Organic Matter Maturity Analysis of the Alpine Rifting in the Southern Alps, N. Italy. Rome 2008, 70th EAGE Conference & Exhibition incorporating SPE EUROPEC 2008, Session: Thermal and Thermo-chronological Constraints to Basin Modelling (SGI), 09 June 2008

D'Ambrogi C. & Doglioni C. 2008. Struttura delle Vette Feltrine. Convegno 100 anni di geologia feltrino. Rend. Soc. Geol.It.

Doglioni C. 2008. Kinematic modeling of subduction zones: evidence for multiple mechanisms. Geomod, Florence.

Doglioni C., Carminati, E. & Scrocca D. 2008. Subduction kinematics and Mediterranean tectonics. EAGE workshop.

Doglioni C. 2008. Subduction kinematics and asymmetric orogens. Reunion Science de la Terre, Nancy.

Garzanti E., Lustrino M., Malusà M.G., Doglioni C. 2008. Different coexisting mechanisms along subduction systems. Convegno SGI, Sassari.

Peccerillo A., Panza G., Doglioni C., Frezzotti A.M.L., Audia A. 2008. Lithosphere-asthenosphere structure, mantle anomalies and magmatism in the Western Mediterranean: implications for geodynamics. EUG, Vienna.

Panza G.F., Doglioni C. and Levshin A. 2009. Asymmetric ocean basins. Geophysical Research Abstracts, Vol. 11, EGU2009-2516-2, 2009 EGU General Assembly.

Riguzzi F., Panza G.F., Varga P. and Doglioni C., 2009. Can Earth's rotation and tidal despinning drive plate tectonics? Geophysical Research Abstracts, Vol. 11, EGU2009-2321-1, 2009 EGU General Assembly.



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