

- Bemporad, A., **Mierla, M.**, and Tripathi, D. Rotation of an erupting filament observed by the STEREO EUVI and COR1 instruments, *Astronomy&Astrophysics*, 531, id.A147, DOI: 10.1051/0004-6361/201016297, 2011, **FI = 4.41**
- Capra, L., **Manea V.C., Manea M.**, Norini G., The importance of digital elevation model resolution on granular flow simulations: a test case for Colima volcano using TITAN2D computational routine, *Natural Hazards*, doi: 10.1007/s11069-011-9788-6, **FI = 1,357**
- Demetrescu, C., Tumanian, M., Dobrica, V.**, Mares, C., Mares, I., Pre-observational evolution of surface temperature in Romania as inferred from borehole temperature measurements, *Pure Appl. Geophys.*, DOI: 10.1007/s00024-011-0322-2, 16 pp., 2011, **FI = 1.091**
- Ferrari L., Orozco-Esquivel T., **Manea V., Manea M.**, The dynamic history of the Trans-Mexican Volcanic Belt and the Mexico subduction zone. *Tectonophysics*, publicat electronic, **FI = 2.585**
- Gurnis M., Turner M., Zahirovic S., DiCaprio L., Spasojevic R., Dietmar M., Boyden J., Seton M., **Manea V.C.**, Bower D.J., Plate tectonic reconstructions with continuously closing plates, *Computers & Geosciences* doi: 10.1016/j.cageo.2011.04.014, **FI = 1.632**
- Mierla, M.**, Chifu, I., Inhester, B., Rodriguez, L., and Zhukov, A., Low polarised emission from the core of coronal mass ejections, *Astronomy&Astrophysics*, 530, L1, DOI: 10.1051/0004-6361/201016295, 2011, **FI = 4.41**
- Mierla, M.**, Inhester, B., Rodriguez, L., Gissot, S., Zhukov, A., and Srivastava, N., On 3D reconstruction of coronal mass ejections: II. Longitudinal and latitudinal width analysis of 31 August 2007 event, *J. Atm. Solar-Terr. Phys.* 73, 1166-1172, DOI: 10.1016/j.jastp.2010.11.028, 2011, **FI = 1.579**
- Panaiotu C., **Visan M.**, Tugui A., Seghedi I., Panaiotu A., Palaeomagnetism of the South Harghita volcanic rocks of the East Carpathians: implications for tectonic rotations and paleosecular variation in the past 5 Ma, *Geophysical Journal International*, 2011, **FI = 2.411**
- Popa M., Radulian M., **Szakács A., Seghedi I.**, Zaharia B., New Seismic and Tomography Data in the Southern Part of the Harghita Mountains (Romania, Southeastern Carpathians): Connection with Recent Volcanic Activity. *Pure and Applied Geophysics*, DOI 10.1007/s00024-011-0428-6, 2011, **FI = 1.091**
- Rodriguez, L., **Mierla, M.**, Zhukov, A. N., West, M., and Kilpua, E., Linking Remote-Sensing and In Situ Observations of Coronal Mass Ejections Using STEREO, *Solar Phys* 270, 561-573, DOI: 10.1007/s11207-011-9784-8, 2011., **FI = 3.386**
- Seaton, D. B., **Mierla, M.**, Berghmans, D., Zhukov, A. N., and Dolla, L., SWAP-SECCHI Observations of a Mass-loading Type Solar Eruption, *Astrophysical. Journal Let.*, 727, L10, DOI: 10.1088/2041-8205/727/1/L10, 2011, **FI = 5.158**
- Seghedi I.**, Permian subaqueous rhyolitic domes changing to surtseyan tuff deposits and subaerial domes: Sirinia Basin (SW Romania-Eastern Europe). *J. Volcanol. Geotherm. Res.* 201, 312-324, 2011, doi:10.1016/j.jvolgeores.2010.07.015, **FI = 1.941**
- Seghedi, I.**, Downes, H., Geochemistry and tectonic development of Cenozoic magmatism in the Carpathian-Pannonian region. *Gondwana Research* 20, 655-672, 2011, **FI = 5.503**
- Seghedi, I.**, Mațenco L., Downes, H., Mason, P.R.D., **Szakács, A.**, Pécskay, Z., Tectonic significance of changes in post-subduction Pliocene-Quaternary magmatism in the south east part of the Carpathian-Pannonian Region. *Tectonophysics* 502, 146-157, 2011, <http://dx.doi.org/10.1016/j.tecto.2009.12.003>, **FI = 2.509**
- Srivastava, N., **Mierla, M.**, and Rodriguez, L., On three-dimensional aspects of CMEs, their source regions and interplanetary manifestations: Introduction to Special Issue, *J. Atm. Solar-Terr. Phys.* 73, 1077-1081, DOI: 10.1016/j.jastp.2011.01.018, 2011, **FI = 1.579**
- Stanica, D., Stanica, D. A.**, Anomalous pre-seismic behavior of the electromagnetic normalized functions related to the intermediate depth earthquakes occurred in Vrancea zone, Romania, *Nat. Hazards Earth Syst. Sci.*, 11, 3151-3156, 2011. doi:10.5194/nhess-11-3151-2011. **FI = 1.357**
- Szakács A.**, Earthquake prediction using extinct monogenetic volcanoes: A possible new research strategy. *Journal of Volcanology and Geothermal Research*, 201, 404-411, 2011, doi:10.1016/j.jvolgeores.2010.06.015, **FI = 1.941**