

- Mierla M., Besliu-Ionescu D., Chiricuta O., Oprea C., Maris G.**, Studies of coronal mass ejections that have produced major geomagnetic storms, *Sun and Geosphere*, Vol. 7, p. 12-15, 2012.
- Oprea C., Mierla M., Maris G.**, Earth-directed Coronal Mass Ejections and their Geoeffectiveness during the 2007 – 2010 Interval; proceeding of IAU Symposium 286 – Comparative Magnetic Minima: Characterizing Quiet Times in the Sun and Stars”, *IAU Publisher: Cambridge University Press*, Vol. 286, p. 242-245, 2012.
- Maris G., Maris O., Oprea C., Mierla M.**, High Speed Streams in the Solar Wind, proceeding of IAU Symposium 286 – Comparative Magnetic Minima: Characterizing Quiet Times in the Sun and Stars, *IAU Publisher: Cambridge University Press*, Vol. 286, p. 229-233, 07/2012, DOI: 10.1017/S1743921312004887, 2012.
- Zuccarello F.P., Bemporad A., Jacobs C., **Mierla M.**, Poedts S., Zuccarello F., The role of streamers in the deflection of coronal mass ejections, proceeding of IAU Symposium 286 – Comparative Magnetic Minima: Characterizing Quiet Times in the Sun and Stars”, *IAU Publisher: Cambridge University Press*, Vol. 286, p. 134-138, 2012.
- Manea, V.C., Manea, M., Pomeran, M., Besutiu, L., Zlagnean L.**: A parallelized particle tracing code for CFD Simulations in Earth sciences, *Acta Universitaria*, vol 22 (5), 2012, Número de Certificado de Reserva de Derechos 04-2008-100 113 17 1300-102 ISSN 0188-6266
- Manea, V.C., Manea, M., Pomeran, M., Besutiu, L., Zlagnean, L.**: Computational Fluid Dynamics in Solid Earth Sciences – a HPC challenge. *Acta Universitaria*. In publication. ISSN 0188-6266
- Anghelache, M.A.**, Un punct de vedere geologic asupra patrimoniului construit, *NOEMA*, vol. XI, Comitetul Român de Istoria și Filosofia Științei și Tehnicii, Divizia de Istoria Științei, Academia Română, Editura Mega, Cluj-Napoca, p. 221 – 243, 2012, ISSN 1841-9852
- Niculae, L.**, Zăbala hydrographic basin – The morphometric analysis of the hydrographic network, *Journal: Aerul și Apa: Componente ale Mediului*, Vol: 2012, pp. 173-180, Cluj-Napoca, 2012.
- Niculae, L.**, Morfogeneza și morfometria drenajului bazinului hidrografic Bâsca Rozilei, *Revista Geografică*, T.XVIII-2011, pag.85-90, 2012.
- Dobrica V., Demetrescu C., Maris G.**, Solar wind dynamic pressure and magnetopause stand-off distance before the instrumental era, *Sun and Geosphere*, 7, 45-48, 2012.
- Paraschiv A. R., Lacatus D. A.**, Data Mining the SuprimeCam Archive for Near Earth Asteroids” – Asteroids, Comets, Meteors 2012, *Proceedings of the conference held in May 16-20, 2012* in Niigata, Japan. LPI Contribution No. 1667, id.6235
- Paraschiv A. R., Lacatus D. A.**, Coronal Jet contribution to the Slow Solar Wind Flux, based on STEREO/SECCHI data – proceeding acceptat spre publicare in *Advances in Astronomy and Space Physics*.
- Paraschiv A. R., Lacatus D. A.**, Simulating Peculiar X-shaped Extragalactic Radio Sources – proceeding acceptat spre publicare in *Advances in Astronomy and Space Physics*, 2012.
- Berbeleac, I., **Visan, M., Iatan, E., L.**, Neogene gold mineralization occurrences in Voia area, Metaliferi Mountains, Romania, *Romanian Journal of MINERAL DEPOSITS*, Vol. 85, No. 1, p.43-46, ISSN 1220-5648, Geological Institute of Romania, Society of Economic Geology of Romania, Bucharest, 2012.
- Berbeleac, I., **Radulescu, V., Iatan, E., L., Visan, M.**, Relationships between crustal faults, shallow magmatic chamber and Neogene porphyry Cu-Au systems at Voia, Metaliferi Mts., Romania. *Romanian Journal of MINERAL DEPOSITS*, VOL. 85, No. 1, p.38-

- 42, ISSN 1220-5648, Geological Institute of Romania, Society of Economic Geology of Romania, Bucharest, 2012.
- Iatan, E., L.,** Popescu, C., Gh., Guy, B., Preliminary data on Au-Ag mineralization from Rosia Montana epithermal deposit, Apuseni Mountains, Romania. *European Mineralogical Conference Vol. 1*, EMC2012-p.633, 2012.
- Iatan, E., L.,** Popescu, C., Gh., Preliminary mineralogical data on epithermal ore veins associated with Rosia Poieni porphyry copper deposit, Apuseni Mountains, Romania, *Geophysical Research Abstracts*, Vol. 14, EGU2012-6294-1, 2012, eISSN: 1607-7962, 2012.
- Iatan, E., L.,** Berbeleac, I., Preliminary fluid inclusions study in the Bucium Rodu-Frasin Neogene volcanic structure, Metaliferi Mountains, Romania, *Geophysical Research Abstracts* Vol. 14, EGU2012-6264, 2012, eISSN: 1607-7962, 2012.
- Ioane D., **Chitea F.**, ERT and VES studies for thermo-mineral water in toplita area, Romania, *Geoecomarina*, nr. 18/2012.