

**Fișă de verificare a îndeplinirii standardelor specifice
Profesor/CSI**
DOMENIUL INGINERIA MEDIULUI
IN CONFORMITATE CU Ordin nr. 4204/2 din 15/07/2013

1. Activitatea didactica si profesionala (A1)

Carti/Capitole în carti de specialitate/Monografii/Suporturi de curs disponibile online

Carte	punctaj
Alida Timar-Gabor , Retrospective luminescence dosimetry: applications in archaeology, geology and environmental studies, Presa Universitara Clujeana , 2012, 220 pag A4, ISBN: 978-973-595-373-7.	44
Alida Timar-Gabor , Dozimetrie prin termoluminescență (TL) și luminescență stimulată optic (OSL): aplicații în studii de mediu, Presa Universitară Clujeană 2013, 400 pag A4, ISBN: 978-973-595-534-2.	80.0
Alida Timar-Gabor , Suport de curs pentru disciplina Fizica II , Ingineria Mediului, nivel licenta, an I, Cluj Napoca, 2014, 104 pag. A4, disponibil online http://enviro.ubbcluj.ro/studenti/suport%20de%20cursuri.php	10.4
Alida Timar-Gabor , Suport de curs pentru disciplina Radioactivitatea Mediului , Stiinta Mediului si Ingineria Mediului, an III, Cluj Napoca, 2014, 261 pag. A4, disponibil online http://enviro.ubbcluj.ro/studenti/suport%20de%20cursuri.php	26.1
Alida Timar-Gabor , Octavian Duliu, Suport de curs pentru disciplina Metode si tehnici de datare utilizate in sedimentologie si reconstructia paleoclimei , Specializarea de Masterat „Calitatea Mediului si Surse Energetice” an II, 2014, 280 pag., A4, disponibil online, in curs de publicare la Presa Universitară Clujeană http://enviro.ubbcluj.ro/studenti/suport%20de%20cursuri.php	56.0
Alida Timar-Gabor , Constantin Cosma, Indrumator prentru laborator si seminar disciplina Radioactivitatea Mediului , Stiinta Mediului si Ingineria Mediului, an III, Cluj Napoca, 2014, 120 pag. A4, disponibil online http://enviro.ubbcluj.ro/studenti/suport%20de%20cursuri.php	12
Mircea Anton, Alida Timar-Gabor , Indrumator de laborator pentru disciplina Fizica , Ingineria Mediului, Ingineria Sistemelor Biotehnice si ecologice, nivel licenta, an I, Cluj Napoca, 2014, 113 pag. A4, disponibil online http://enviro.ubbcluj.ro/studenti/suport%20de%20cursuri.php	11.3
TOTAL =	240p

2. Activitatea de cercetare (A2)

Articole in extenso în reviste cotate ISI Thomson Reuters

	Articol	FI
1.	Cosma C. Timar A. , Benea V., Pop I., Jurcut T., Ciorba D, 2008 . Using natural luminescent materials and highly sensitive sintered dosimeters MCP-N (LiF:Mg,Cu,P) in radiation dosimetry. <i>Journal of optoelectronics and advanced materials</i> vol. 10, nr 3, 573-577.	0.412

2.	Begy R.C., Cosma C., Timar A. , Fulea D., 2009 . The Determination of Absolute Intensity of ^{234m}Pa 's 1001 keV Gamma Emission Using Monte Carlo Simulation. <i>Journal of Radiation Research</i> , nr. 50, 277-279. http://jrr.oxfordjournals.org/content/50/3/277.short	2.030
3.	Begy R., Cosma C., Timar A. , 2009 . Recent changes in Red Lake (Romania) sedimentation rate determined from depth profiles of ^{210}Pb and ^{137}Cs radioisotopes. <i>Journal of Environmental Radioactivity</i> , nr. 100, 644-648. http://www.sciencedirect.com/science/article/pii/S0265931X09001131	1.466
4.	Cosma C., Timar A. , Benea V., Pop I., Moldovan M. 2009 . Carbon Molecular Sieve for Radon and Thoron Monitoring. <i>Romanian Journal of Physics</i> , nr. 3-4, vol. 54, 401-405. http://www.nipne.ro/rjp/	0.33
5.	Timar-Gabor, A. , Vasiliniuc, S., Bădărău, A.S., Begy, R., Cosma C., 2010 . Testing the potential of optically stimulated luminescence dating methods for dating soil covers from the forest steppe zone in Transylvanian basin. <i>Carpathian Journal of Earth and Environmental Sciences</i> - 5(2), 137-144.	1.579
6.	Timar A. , Vandenberghe D., Panaiotu E.C., Panaiotu C.G., Necula C., Cosma C. and Van den haute P., 2010 . Optical dating of Romanian loess using fine-grained quartz. <i>Quaternary Geochronology</i> , 5, 143-148. http://www.sciencedirect.com/science/article/pii/S1871101409000533	3.238
7.	Timar-Gabor A. , Ivascu C., Vasiliniuc, S., Daraban , L., Ardelean I., Cosma, C., Cozar C., 2011 . Thermoluminescence and optically stimulated luminescence properties of $0.5 \text{ P}_2\text{O}_5 \times \text{BaO} \times (0.5-x) \text{ Li}_2\text{O}$ glass systems. <i>Applied Radiations and Isotopes</i> , Volume 69, Issue 5, 780-784.	0.999
8.	Timar-Gabor A. , Vandenberghe D.A.G., Vasiliniuc S., Panaiotu, C. E., Panaiotu, C. G., Dimofte, D., Cosma, C. (2011) , Optical dating of Romanian Loess a comparison between silt-sized and sand-sized quartz. <i>Quaternary International</i> , 240, 62-70. http://www.sciencedirect.com/science/article/pii/S1040618210003952	1.768
9.	Benea V., Timar-Gabor A. , Iovu M., Colomeico E., Cosma C., Shpotyuk, O.I., 2011 . TL and OSL dosimetric properties of Ge30As4S66 chalcogenic glass system doped with Dy. <i>Journal of Optoelectronics and Advanced Materials</i> , 13, 1447 – 1449. http://joam.inoe.ro/index.php	0.412
10.	Begy R. CS., Dreve S., Timar-Gabor A. , Rusu O.A., Cosma C., 2012. Measurement of radium content in some spring waters from Romania. <i>Environmental Engineering and Management Journal</i> , vol 11, nr 2, 1005-1009.	1.117
11.	Constantin D., Timar-Gabor A. , Veres D., Begy R., Cosma C., 2012 . SAR-OSL dating of quartz of different grain sizes extracted from a loess section in southern Romania embedding the Campanian Ignimbrite/Y5 tephra layer, <i>Quaternary Geochronology</i> , 10, 81-86. http://www.sciencedirect.com/science/article/pii/S1871101412000143	3.238
12.	Vasiliniuc S., Vandenberghe D.A.G., Timar-Gabor A. , Panaiotu C. , Cosma C. ,Van den haute P. , 2012 . Testing the potential of elevated temperature post-IR-IRSL signals for dating Romanian loess, <i>Quaternary Geochronology</i> , 10, 75-80. http://www.sciencedirect.com/science/article/pii/S1871101412000398	4.015
13.	Vasiliniuc S., Vandenberghe D.A.G., Timar-Gabor A. , Cosma C. , van den haute P., 2013 . Combined IRSL and POST-IR OSL dating of Romanian loess using single	1.962

	aliquots of polymineral fine grains, <i>Quaternary International</i> , 293, 15-22. http://www.sciencedirect.com/science/article/pii/S1040618212000092	
14.	Vespremeanu -Stroe A., Preoteasa L., Hangau D., Brown, T., Branzescu I. P. Toms, Timar-Gabor A. , 2013. The impact of the Late Holocene coastal changes on the rise and decay of the ancient city of Histria (Southern Danube Delta). <i>Quaternary International</i> , 293, 245-257	1.962
15.	Vasiliniuc S., Vandenberghe D.A.G., Timar-Gabor A. , van den Haute P., Cosma C., 2013. Conventional IRSL dating of Romanian loess using single aliquots of polymineral fine grains, <i>Radiation Measurements</i> , 48 (1) , pp. 60-67. http://www.sciencedirect.com/science/article/pii/S1350448712003241	0.861
16.	Timar-Gabor A. , Trandafir O., 2013. On the luminescence properties of household salt as a potential retrospective dosimeter, <i>Radiation Protection Dosimetry</i> , 155 (4), pp. 404-409. http://rpd.oxfordjournals.org/content/155/4/404	0.909
17.	Corcea, C., Constantin, D., Anechitei, V., Timar-Gabor A. , Filipescu S., 2013. OSL dating of 63-90 µm quartz extracted from an Eemian (presumably lacustrine) sedimentary section at Floreşti on the Someşu Mic Valley. <i>Carpathian Journal of Earth and Environmental Sciences</i> , 1, 139-145. http://www.ubm.ro/CJEES/	1.495
18.	Veres D., Lane C., Timar-Gabor A. , Constantin D., Szakacs A., Hambach U. , Fullig A., Onac B. P., 2013. The Campanian Ignimbrite tephra layer - a regional stratigraphic marker for the MIS 3 loess deposits of Romania, <i>Quaternary International</i> , 293, 22-34. http://www.sciencedirect.com/science/article/pii/S1040618212001231	1.962
19.	Timar-Gabor A. , Wintle A.G., 2013. On natural and laboratory generated dose response curves for quartz of different grain sizes from Romanian loess. <i>Quaternary Geochronology</i> , 18, 34-40. http://www.sciencedirect.com/science/article/pii/S187110141300071X	4.015
20.	Zeciu-Dolha M., Timar-Gabor A. , Camenita A., Costin D., Cosma C, 2013. Gamma background measurements by TL method: applications in locations with varied geological background. Carpathian Journal of Earth and Environmental Sciences, 8(4), 109-114. http://www.ubm.ro/CJEES/	1.495
21.	Constantin D., Begy R., Vasiliniuc S., Panaiotu C., Necula C., Codrea V., Timar-Gabor A. . High resolution OSL dating of the Costineti section Romania using fine and coarse quartz. <i>Quaternary International</i> , in press http://www.sciencedirect.com/science/article/pii/S1040618213003492	1.962
22.	Constantin, S., Robu, M., Munteanu, C-M., Petculescu, A., Vlaicu, M., Mirea, I., Kenesz, M., Dragusin,M., Hoffman D., Anechitei, Timar-Gabor A. , V., Roban R., Panaiotu C., 2014. Reconstructing the evolution of cave systems as a key to understanding the taphonomy of fossils accumulations. The case of Ursilor Cave (Western Carpathians, Romania). <i>Quaternary International</i> , 334-335, 20-29. http://www.sciencedirect.com/science/article/pii/S1040618213007842	1.962
23.	Anechitei-Deacu V., Timar-Gabor A. , Fitzsimmons K., Veres D., Hambach U., 2014. Multi-method luminescence investigations on quartz of different sizes extracted from a loess section in Southeast Romania interbedding the Campanian Ignimbrite	1.653

	ash layer. <i>Geochronometria</i> , 41,1, 1-14. http://link.springer.com/article/10.2478/s13386-013-0143-4	
24.	Pașcu A.R., Timar-Gabor A., 2014. Electronic components as luminescence retrospective accident dosimeters, <i>Romanian Reports in Physics</i> , vol 66, nr 3. http://www.rrp.infim.ro/inpress.html	1.123
25.	Cosma C., Cucos A., Papp B., Begy R., Gabor A., Bican-Brisan N., Besutiu L., 2014. Radon Implications in life and earth science: Baita-Stei area and Peceneaga-Camena Fault (Romania). <i>Carpathian Journal of Earth and Environmental Science</i> , 9(2) 15-21. http://www.ubm.ro/CJEES/	1.495
26.	Lukić T., Basarin B., Buggle B., Marković S., Tomović, V.M., Popov Raljić J., Hrnjak Timar-Gabor, A., Hambach U., Gavrilov, M., 2014. A joined rock magnetic and colorimetric perspective on the Late Pleistocene climate of Orlovat loess site (Northern Serbia). <i>Quaternary International</i> , 334-335, 179-188. (FI=1.962) http://www.sciencedirect.com/science/article/pii/S1040618214001797	1.962
27.	Cucos-Dinu A., Vasiliniuc S., Timar-Gabor A., Manea P., Cosma C., 2014. Contribution of Radon dose to the patient exposure in the mofette of Covasna sanatorium, Romania. <i>Carpathian Journal of Earth and Environmental Science</i> , 9(3) 69-74. (FI=1.495) http://www.ubm.ro/CJEES/	1.495
28.	Feurdean, A., Persoiu, A., Tantau, I., Stevens, T., Markovic, S., Magyari, E., Onac, B., Andric, M., Connor, S., Galka, M., Hoek, W.Z., Lamentowicz, M., Sümegi, P., Perso Kolaczek, P., Kuneš, P., Marinova, E., Slowinski, M., Michczyńska, D., Stancikaite, Svensson, A., Veski, S., Fărcaş, S., Tămaş, T., Zernitskaya, V., Timar, A., Tonkov, S., M., Willis, K.J., Płociennik, M., Gaudeny T., 2014. Climate variability and associated vegetation response throughout Central and Eastern Europe (CEE) between 8 and 60 kyrs ago. Special Issue: 4th INTIMATE, <i>Quaternary Science Reviews</i> , acceptat. DOI:10.1016/j.quascirev.2014.06.003. http://www.sciencedirect.com/science/journal/aip/02773791	4.076
29.	Markovic S., Timar-Gabor A., Stevens T., Hambach U., Popov D., Tomic N., Obreht Janovic M., Lemhkuhl, Kels H., Markovic R., Gavrilov M.B., 2014. Environmental dynamics and luminescence chronology from Orlovat loess-palaeosol sequence (Vojvodina, Northern Serbia). <i>Journal of Quaternary Science</i> , 29 (2), 189-199. http://onlinelibrary.wiley.com/doi/10.1002/jqs.2693/abstract	2.939
	TOTAL= $40 \times \sum_{1}^n FI \geq 400 \text{ cu } n \geq 11$	2157

Articole în reviste și volumele unor manifestări științifice, indexate în baze de date internaționale și ISI proceedings

	Articol	ISI/ FI	p.

1.	<p>Cosma C., Benea V., Timar A., Barbos D., Paunoiu C, 2006. Preliminary dating results on ancient ceramics from Romania by means of thermoluminescence. <i>Radiation Measurements</i> nr. 41, 987-990.</p> <p>http://www.sciencedirect.com/science/article/pii/S1350448706000783</p> <p>"11th International Conference on Luminescence and Electron Spin Resonance Dating (LED2005)", 24-29 iulie 2005, Koln, Germania.</p> <p>"Preliminary dating results on ancient ceramics from Romania by means of thermoluminescence"</p> <p>- prezentare poster Alida Timar</p>	ISI FI= 1.019	5
2.	<p>Benea V., Vandenberghe D., Timar A., Van den Haute P., Cosma C., Gligor M., Florescu C., 2007. Luminescent dating of Neolithic ceramics from Lumea Nouă, Romania. <i>Geochronometria</i> nr. 28, 9-16.</p> <p>http://versita.metapress.com/content/l123837440507654/</p> <p>Conferința internațională "9th international conference "Methods of Absolute Chronology", 25-27 April 2007, Gliwice, Poland.</p> <p>"Luminescence dating of Neolithic ceramics from Romania"</p> <p>- prezentare poster Alida Timar</p>	ISI FI= 0.860	5
3.	<p>Cosma C., Petrescu I., Meilescu C., Timar A. (2009), Studies on the radioactivity of lignite from the area between the Danube and Motru (South-West Romania) and the incidence on the environment. <i>Journal of Environmental Protection and Ecology</i>, nr 1, 192-201.</p> <p>http://www.jepe-journal.info/</p> <p>Conferința internațională "Sustainable Development in the Balkan Area: Vision and Reality (B.EN.A-ICAI Conference)", 18- 20 July 2007, Alba-Iulia, Romania.</p> <p>"Studies on the radioactivity of lignite from the area between the Danube and Motru and the incidence on the environment"</p> <p>- prezentare orală Alida Timar</p>	ISI FI= 0.169	5
4.	<p>Cosma C., Ciorba D., Timar A., Szacsvari K., Dinu A., 2009. Radon exposure and lung cancer risk in Romania. <i>Journal of Environmental Protection and Ecology</i>, nr 1, 94-104.</p> <p>http://www.jepe-journal.info/</p> <p>Conferința internațională "Sustainable Development in the Balkan Area: Vision and Reality (B.EN.A-ICAI Conference)", 18- 20 July 2007, Alba-Iulia, Romania.</p> <p>"Radon exposure and lung cancer risk in Romania."</p> <p>- prezentare poster Alida Timar</p>	ISI FI= 0.169	5
5.	<p>Begy, R.Cs., Timar Gabor A., Somlai J., Cosma C., 2011. A sedimentation study of St. Anna Lake (Romania) applying the ^{210}Pb and ^{137}Cs dating methods. <i>Geochronometria</i>, 38(2), 93-100.</p> <p>http://link.springer.com/article/10.2478/s13386-011-0017-6</p> <p>Conferința internațională "10th international conference "Methods of Absolute Chronology", 21-25 April 2010, Gliwice, Poland.</p> <p>"A sedimentation study of St. Anna Lake (Romania) applying the ^{210}Pb and ^{137}Cs dating methods."</p> <p>- prezentare poster Robert Begy</p>	ISI FI= 0.860	5
6.	Vasiliniuc, S., Timar-Gabor, A. , Vandenberghe, D.A.G., Panaiotu, C.G., Begy, R. Cs., Cosma, C., 2011. A high resolution optical dating study of the Mostiștea loess-palaeosol sequence (SE Romania) using sand-sized quartz. <i>Geochronometria</i> , 38(1),	ISI FI= 0.860	5

	34-41. http://link.springer.com/article/10.2478/s13386-011-0007-8 Conferința internațională "10 th international conference "Methods of Absolute Chronology", 21-25 April 2010, Gliwice, Poland. "A high resolution optical dating study of the Mostiștea loess-palaeosol sequence (SE Romania) using sand-sized quartz" - prezentare poster Stefan Vasiliniuc		
7.	C. Ivascu, Timar-Gabor A. , Cozar O., Daraban, L., Ardelean I., 2011 . FT-IR, RAMAN and thermoluminescence investigation of P ₂ O ₅ -BaO-Li ₂ O glasss system. <i>Journal of Molecular Structure, Journal of Molecular Structure</i> , 93, 249-253. http://www.sciencedirect.com/science/article/pii/S0022286010009130 30 th European Congress od Molecular Spectroscopy, University of Florence, Florenta 29 August-3 Septembrie, 2010. "FT-IR, RAMAN and thermoluminescence investigation of P ₂ O ₅ -BaO-Li ₂ O glasss system." - prezentare poster Catalin Ivascu	ISI FI= 1.599	5
8.	Timar-Gabor A. , Vasiliniuc S., Vandenberghe D., Constantin D., Cosma C., Luminescence dating of archaeological materials and sediments in Romania using quartz, 2011 . <i>Romanian Reports in Physics</i> , 63, 929-939. http://www.rpp.infim.ro/ Simpozionul Național de Arheometrie, București, 28-29 octombrie 2010. "Luminescence dating techniques in archeology and geoarcheology: principles and applications." -prezentare plenara Alida Timar-Gabor.	ISI FI= 0.470	5
9.	Cosma, C., Rusu O.A., Cosma, V., Nita, D., Begy, R. Cs., Timar-Gabor, A., Astilean, A., 2012 . Protection of Alpha Spectrometry Detectors Using Thin Formvar Films and Influence on Detection Characteristics, <i>IEEE Transactions on Nuclear Science</i> 59 (4 PART 1), art. no. 6153411, pp. 1175-1179 DOI: 10.1109/TNS.2012.2184802. http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=23 Conference on Radiation Effects on Components and Systems (RADECS), University of Sevilla, Sevilia, Spania, Septembrie 19-23, 2011. " Protection of Alpha Spectrometry Detectors Using Thin Formvar Films and Influence on Detection Characteristics" -prezentare poster Constantin Cosma	ISI FI= 1.450	5
10.	Timar-Gabor A. , Vasiliniuc S., Vandenberghe D.A.G., Cosma C, Wintle A.G., 2012 . Investigations on the reliability of SAR-OSL equivalent doses obtained for quartz samples displaying dose response curves with more than one component, <i>Radiation Measurements</i> 47, 470-475, DOI: 10.1016/j.radmeas.2011.12.001. http://www.sciencedirect.com/science/article/pii/S1350448711005671 Conferința internațională "13th International Conference on Luminescence and Electron Spin Resonance Dating (LED 2011)", 09-14 July 2011, Torun, Poland. "Investigations on the reliability of SAR-OSL equivalent doses obtained for quartz samples displaying dose response curves with more than one component" - prezentare orală Alida Timar-Gabor.	ISI FI= 0.861	5
11.	Pașcu A.R., Vasiliniuc, S., Zeciu-Dolha M., Timar-Gabor A. , 2013 . The potential of luminescence signals from electronic components for accident dosimetry. <i>Radiation Measurements</i> , 56, 384-388.	ISI FI= 0.861	5

	http://www.sciencedirect.com/science/article/pii/S1350448713001455 8th International Conference on Luminescent Detectors and Transformers of Ionizing Radiation (LUMDETR), Martin Luther Univ. Halle Wittenberg, Halle, Germania, 10-14 Septembrie 2012. "The potential of luminescence signals from electronic components for accident dosimetry." - prezentare poster Ştefan Vasiliniuc		
12.	Preoteasa, L., Vespremeanu-Stroe, A., Hanganu, D., Katona, O., Timar-Gabor, A. 2013. Coastal changes from open coast to present lagoon system in Histria region (Danube delta). <i>Journal of Coastal Research</i> , Special Issue No. 65, ISSN 0749-0208. http://ics2013.org/papers/Paper4160_rev.pdf 12th International Coastal Symposium, Plymouth University, 8-12 April 2013. "Coastal changes from open coast to present lagoon system in Histria region (Danube delta)" -prezenatare poster Luminița Preoteasa	ISI FI= 0.496	5
13.	Ivascu, C., Timar-Gabor A. , Cozar, O., 2013. FT-IR and thermoluminescence investig of P_2O_5 -BaO-K ₂ O glass system . <i>AIP Conf. Proc.</i> 1565, 108-11. http://dx.doi.org/10.1063/1.4833707 Conferința Internațională Processes in Isotopes and Molecules (PIM 2013), Cluj-Napoca 25-27 Septembrie 2013. "FT-IR and thermoluminescence investigation of P_2O_5 -BaO-K ₂ O glass system" - prezentare poster Cătălin Ivascu	ISI	5
14.	Dolha, M., Timar-Gabor, A. , Dicu, T., Begy, R., Anton , M., Cosma, C., 2014. A high resolution map of gamma dose rates in Cluj County, Romania using LiF: Mg, Cu, P detectors. <i>Radiation Protection Dosimetry</i> , acceptat, ID: NCU209. (FI=0.909) http://rpd.oxfordjournals.org/	ISI FI= 0.909	
15.	Timar, A. , Cosma, C., Benea, V., Begy, R., Jobbagy, V., Szeiler, G., Barbos, D., Fulea, D., 2007. Estimation of environmental radionuclide concentration in soils, a comparison of methods for the annual radiation dose determination in luminescence dating. <i>Studia Universitatis Babes-Bolyai, Geologia</i> , 52 (1), 80-81, Proceedings of Proceedings of the European Society for Isotope Research ESIR IX, June 23-28, ISSN 1221-0803. http://bioge.ubbcluj.ro/studia/2007_1.pdf Conferința internațională "IX th European Society for Isotope Research Workshop", 23-28 June 2007, Cluj-Napoca, Romania. "Estimation of environmental radionuclide concentration in soils, a comparison of methods for the annual radiation dose determination in luminescence dating" - prezentare orală Alida Timar-Gabor	B+	5
16.	Cosma, C., Timar, A. , Dicu, T., Pop, I., Cosma, V., Moldovan, M., 2006. Adsorption studies on a new carbon molecular sieve used for radon and thoron monitoring. <i>7th International Balkan Workshop on Applied Physics</i> , July 5-7th, 2006, Constanta, Romania, 1-7. http://s3.amazonaws.com/academia.edu.documents/31008826/20_ADSORPTION_UDIES_ON_A_NEW_CARBON_MOLECULAR.pdf?AWSAccessKeyId=AKIAJ56TQWSMTNPEA&Expires=1389097631&Signature=XfVY0ioUG5vdyrfNz%2ForjpvIM2AD&response-content-disposition=inline. "6 th Balkan workshop on applied physics", 5-7 iulie 2005, Constanta, Romania	BDI	5

	“Personal dosimeters in radiation protection of radon exposure” - prezentare poster Alida Timar		
17.	Cosma C., Timar A., Benea V., Somlai J., 2008. Applications of nuclear dating methods in archaeology, geology and environmental science" <i>ECOTERRA</i> , nr 19, an V, 28-30. http://www.ecoterra-online.ro/ro/numarul19-2008/ Simpozionul national cu participare internationala “Contribuții științifice în tehnologii și echipamente pentru evaluarea și protecția mediului ”, Septembrie 2007, Arcalia, Bistrița-Năsăud. - prezentare orală Constantin Cosma	BDI	5
18.	Timar A., Vasiliniuc S., Vandenberghe D., Cosma C., 2009. Absolute dating of Romanian loess using luminescence techniques: palaeoclimatic implications. <i>ECOTERRA</i> 22-23, 45-47. http://www.ecoterra-online.ro/ro/numarul22-23-2009/ Simpozionul national cu participare internationala “Contribuții științifice în tehnologii și echipamente pentru evaluarea și protecția mediului ”, Septembrie 2008, Arcalia, Bistrița-Năsăud. - prezentare orală Constantin Cosma	BDI	5
19.	Timar-Gabor, A., Cosma, C., Begy, R., Jobaggy, V., Szeiler, G., Barbos, D., Fulea, D. 2011. Estimation of radionuclides in soils – a comparison of methods for annual estimation in luminescence dating, <i>ECOTERRA</i> , 26, 119-124. http://www.ecoterra-online.ro/ro/numarul26-2011/ Simpozionul national cu participare internationala “Contribuții științifice în tehnologii și echipamente pentru evaluarea și protecția mediului ”, Septembrie 2010, Arcalia, Bistrița-Năsăud. - prezentare poster Alida Timar-Gabor	BDI	5
20.	Constantin, D., Timar-Gabor, A., Cosma, C., 2011. Monitorizarea radioactivitatii mediului prin utilizarea dozimetrelor cu termoluminescenta, <i>ECOTERRA</i> , 26, 39-43. http://www.ecoterra-online.ro/ro/numarul26-2011/ Simpozionul national cu participare internationala “Contribuții științifice în tehnologii și echipamente pentru evaluarea și protecția mediului ”, Septembrie 2011, Arcalia, Bistrița-Năsăud. - prezentare orală Daniela Constantin	BDI	5
21.	Zeciu Dolha M., Timar-Gabor A., Constantin D., Cosma C., 2011. Aplicatii ale dozimetrie prin termoluminescenta in domeniul medical. <i>ECOTERRA</i> , 28, 187-192. http://www.ecoterra-online.ro/ro/numarul28-2011/ “Contribuții științifice în tehnologii și echipamente pentru evaluarea și protecția mediului ”, Septembrie 2011, Arcalia, Bistrița-Năsăud. - prezentare orală Daniela Constantin	BDI	5
22.	Timar A., Vandenberghe D., Vasiliniuc S., Cosma C., 2009. Optical dating of Romanian loess: A comparison between sand-sized and silt-sized quartz. <i>Loessfest '09 - International conference on loess research</i> , Novi Sad, Serbia, p. 77-78, ISBN: 987-86-7031-211-1. http://inqua-loess.org/loessfest09/index.php Conferința internațională "International conference on loess research - LOESSFEST '09", 31 August -3 September 2009, Novi Sad, Serbia. "Optical dating of Romanian loess: a comparison between sand-sized and silt-sized	BDI	5

	quartz" - prezentare orală Alida Timar-Gabor.		
23.	Timar-Gabor A., 2012. When, where and why do apparently robust laboratory dating procedures provide discordant chronologies on Romanian loess? <i>International Conference on Loess Research. ED@80's. Loess in China and Europe.</i> Novi Sad, Serbia, p. 57, ISBN: 978-86-7031-283-8 http://inqua-loess.org/ed80s/index.php Loess in China and in Europe, 27-30 Septembrie 2012, Novi Sad, Serbia "When, where and why do apparently robust laboratory dating procedures provide discordant chronologies on Romanian loess?" - prezentare orală Alida Timar-Gabor	BDI	5
24.	Timar-Gabor A., 2013. Insights Gained from Optically Stimulated Luminescence Dating of Romanian Loess. 2013 Meeting of INQUA – Section on European Quaternary Stratigraphy (SEQS) 23-27 th September 2013, Constanta (Romania) <i>Correlations of Quaternary Fluvial, Eolian, Deltaic and Marine Sequences, National Institute of Marine Geology and Geoecology GeoEcoMar - Bucharest, 2013</i> , 35, ISBN 978-973-0-15477-1. http://www.inqua-seqs.org/publications/	BDI	5
25.	Constatin D., Panaiotu C., Necula C., Codrea V., Timar-Gabor A., 2013. Optically Stimulated Luminescence Dating of the Lunca Loess Section (Olt Valley, SW Romania) Using 63-90 µm Quartz. 2013 Meeting of INQUA – Section on European Quaternary Stratigraphy (SEQS) 23-27 th September 2013, Constanta (Romania) <i>Correlations of Quaternary Fluvial, Eolian, Deltaic and Marine Sequences, National Institute of Marine Geology and Geoecology GeoEcoMar - Bucharest, 2013</i> , 35, ISBN 978-973-0-15477-1. http://www.inqua-seqs.org/publications/ "2013 annual meeting INQUA-SEQS, Correlations of Quaternary fluvial, eolian, deltaic and marine sequences", 23-27 September 2013, Constanta, Romania. -prezentare orală Daniela Constantine	BDI	5
26.	Anechitei-Deacu, V., Timar-Gabor A., Fitzsimmons K., Veres D., Hambach U., 2013. Campanian Ignimbrite as a Widespread Chronostratigraphic Marker for Late Quaternary Sedimentary Deposits in Romania: New Chronological Constraints. Meeting of INQUA – Section on European Quaternary Stratigraphy (SEQS) 23-27 th September 2013, Constanta (Romania) <i>Correlations of Quaternary Fluvial, Eolian, Deltaic and Marine Sequences, National Institute of Marine Geology and Geoecology GeoEcoMar - Bucharest, 2013</i> , 35, ISBN 978-973-0-15477-1. http://www.inqua-seqs.org/publications/ "2013 annual meeting INQUA-SEQS, Correlations of Quaternary fluvial, eolian, deltaic and marine sequences", 23-27 September 2013, Constanta, Romania. -prezentare poster Valentina Anechitei	BDI	5
27.	Steopoaei-Cardan I., Vespremeanu-Stroe, A., Preoteasa L., Constantin D., Timar-Gabor A., 2013. The Evolution of the Southern Danube Delta and its Impact on Histria Ancient City Development. 2013 Meeting of INQUA – Section on European Quaternary Stratigraphy (SEQS) 23-27 th September 2013, Constanta (Romania)	BDI	5

	<i>Correlations of Quaternary Fluvial, Eolian, Deltaic and Marine Sequences, National Institute of Marine Geology and Geoecology GeoEcoMar - Bucharest, 2013, 34, ISBN 978-973-0-15477-1.</i> http://www.inqua-seqs.org/publications/ “2013 annual meeting INQUA-SEQS, Correlations of Quaternary fluvial, eolian, deltaic and marine sequences”, 23-27 September 2013, Constanta, Romania. -prezentare poster Ionela Steopoaei-Cardan		
	Profesor/CS I: minimum 16		
	TOTAL= (puncte)		135

Director/responsabil: Profesor/CS I minimum 2
(granturi/proiecte/contracte)

Contract	Punctaj (10 puncte/5000 euro)
Director Grant TE/ CNCS-UEFISCDI PN II- RU-TE-2011-3-0062/ 2011-2014 (valoare 750 000 lei) - Dating the Romanian Part of the European Loess Belt Using Luminescence.	375
Director Grant TD/ cod NCNSIS 395 / 2008 -2009 (valoare totala 35 406 RON)- Dozimetrie retrospectiva luminescenta cu aplicatii in arheologie, geologie si mediu.	17
Contract internațional de servicii Universitat de les Illes Balears, Palma de Mallorca, Spania, Universitatea Babes-Bolyai Cluj Napoca, 2014- 2015- Analize complete de datare prin luminescentă stimulată optic a douazeci de probe de eolianite. Valoare 6000 Euro.	10
TOTAL=	402

3. Recunoașterea și impactul.-Profesor/CS I: minimum 30 citari. 3 ptc/citare

- sunt enumerate citarile in reviste cu scor de influenta; lista contine exclusiv lucrările la care subsemnata nu este autor sau co-auto; IF reprezinta scorul absolut al revistelor in care se face referire la lucrările subsemnatei

1.	Timar A., Vandenberghe D., Panaiotu E.C., Panaiotu C.G., Necula C., Cosma C. and Van den haute P. (2010), Optical dating of Romanian loess using fine-grained quartz. <i>Quaternary Geochronology</i> , 5, 143-148.		Nr citari 30
1.	1.	Frechen M., Kehl M., Rolf C., Sarvati R., Skowronek A., 2009. Loess chronology of the Caspian Lowland in Northern Iran, <i>Quaternary International</i> 198, 220-233. http://www.sciencedirect.com/science/article/pii/S1040618208003492	IF= 1.962
2.	2.	Vandenberghe D.A.G., Jain M., Murray A.S., 2009. Equivalent dose determination using a quartz isothermal TL signal. <i>Radiation</i>	IF= 0.861

		<i>Measurements</i> 44, 439-444. http://www.sciencedirect.com/science/article/pii/S1350448709000523	
3.	3.	Dehnert A., Preusser F., Kramers J. D., Ackar N., Kubik P., Reber R., Schluchter C., 2010. A multi-dating approach applied to proglacial sediments attributed to the most extensive glaciations of the Swiss Alps. <i>Boreas</i> , 39(3), 620-632. http://onlinelibrary.wiley.com/doi/10.1111/j.1502-3885.2010.00146.x/abstract	IF= 2.457
4.	4.	Lowick S.E., Preusser F., Pini R., Ravazzi C., 2010. Underestimation of fine grain quartz OSL dating towards the Eemian: Comparison with palynostratigraphy from Azanno Decimo, northeastern Italy. <i>Quaternary Geochronology</i> , 5, 583-590. http://www.sciencedirect.com/science/article/pii/S1871101409001617	IF= 4.015
5.	5.	Lowick S.E., Preusser F., Wintle A.G., 2010. Investigating quartz optically stimulated luminescence dose-response curves at high doses. <i>Radiation Measurements</i> , 45, 975-984. http://www.sciencedirect.com/science/article/pii/S1350448710002684	IF=0.861
6.	6.	Balescu S., Lamothe M., Panaiotu C., Panaiotu C., 2010. La chronologie IRSL des séquences loessiques de l'est de la Roumanie. <i>Quaternaire</i> , 21, 115-126. http://quaternaire.revues.org/5488?file=1	IF=1.089
7.	7.	Fitzsimmons K.E., 2011. An assessment of the luminescence sensitivity of Australian quartz with respect to sediment history. <i>Geochronometria</i> , 38, 199-208. http://link.springer.com/article/10.2478/s13386-011-0030-9#page-1	IF=1.653
8.	8.	Smalley I., Markovic S.B., Svircev Z., 2011. Loess is almost totally formed by] the accumulation of dust. <i>Quaternary International</i> , 240, 4-11. http://www.sciencedirect.com/science/article/pii/S1040618210002740	IF=1.962
9.	9.	Lowick S.E., Preusser F., 2011. Investigating age underestimation in the high dose region of optically stimulated luminescence using fine grain quartz. <i>Quaternary Geochronology</i> , 6, 33-41. http://www.sciencedirect.com/science/article/pii/S1871101410000580	IF=4.015
10.	10.	Dehnert A., Lowick S.E., Preusser F., Anselmetti F., Drescher-Schneider R., Graf H. R., Heller F., Horstmeyer H., Kemna H.A., Nowaczyk N.R., Zuger A., Furrer H., 2012. Evolution of an overdeepened trough in the northern Alpine Foreland at Niederweininger, Switzerland, 2012. <i>Quaternary Science Reviews</i> , 34, 127-145. http://www.sciencedirect.com/science/article/pii/S0277379111004148	IF=4.076
11.	11.	Lowick S.E., Trauerstein M., Preusser F., 2012. Testing the application of post IR-IRSL dating to fine grain waterlain sediments. <i>Quaternary Geochronology</i> , 8, 33-40. http://www.sciencedirect.com/science/article/pii/S1871101411000859	IF=4.015
12.	12.	Trauerstein M., Lowick S., Preusser F., Rufer D., Schlunegger F., 2012. Exploring fading in single grain feldspar IRSL measurements. <i>Quaternary Geochronology</i> , 10, 327-333.	IF=4.015

		http://www.sciencedirect.com/science/article/pii/S1871101412000295	
13.	13.	Kreutzer S., Fuchs M., Meszner S., Faust D., 2012. OSL chronostratigraphy of a loess-palaeosol sequence in Saxony/Germany using quartz of different grain sizes. <i>Quaternary Geochronology</i> , 10, 102-109. http://www.sciencedirect.com/science/article/pii/S1871101412000064	IF=4.015
14.	14.	Madritsch H., Preusser F., Fabbri O., 2012. Climatic and tectonic controls on the development of the River Oregon terrace system (eastern France). <i>Geomorphology</i> , 151-152, 126-138. http://www.sciencedirect.com/science/article/pii/S0169555X12000608	IF=2.552
15.	15.	Suvaila R., Sima O., Virgolici M., Ponta C.C., Cutrubinis M., Teodor E.S., Nicolae C.M., 2012. Gamma ray spectroscopy for artificial contamination effects evaluation in luminescence dating of artefacts from low depth layers in Southern Romania. <i>Romanian Reports in Physics</i> , 64(2), 381-386. http://www.rrp.infim.ro/2012_64_2/art05Suvaila.pdf	IF=1.123
16.	16.	Necula C., Panaiotu C., 2012. Rock magnetic properties of a loess-paleosols complex from Mircea Voda (Romania). <i>Romanian Reports in Physics</i> , 64(2), 516-527. http://rrp.infim.ro/2012_64_2/art16Necula.pdf	IF=1.123
17.	17.	Necula C., Panaiotu C., Heslop D., Dimofte D., 2012. Climatic control of magnetic granulometry in the Mirecea Voda loess/paleosol sequence (Dobrogea, Romania). <i>Quaternary International</i> , 293, 5-14. http://www.sciencedirect.com/science/article/pii/S1040618212002042	IF=1.962
18.	18.	Moska P., Adamiec G., Jary Z., 2012. High resolution dating profile from Bialy Kosciol, South-West Poland. <i>Quaternary Geochronology</i> , 10, 87-93. http://www.sciencedirect.com/science/article/pii/S1871101412000714	IF=4.015
19.	19.	Moska P., Bluszcz A., 2012. Luminescence dating of loess profiles in Poland. <i>Quaternary International</i> , 296, 51-60. http://www.sciencedirect.com/science/article/pii/S1040618212031680?via=ihub	IF=1.962
20.	20.	Fitzsimons K., Markovic S., Hambach U., 2012. Pleistocene environmental dynamics recorded in the loess of the middle and lower Danube basin. <i>Quaternary Science Reviews</i> 41, 104-118. http://www.sciencedirect.com/science/article/pii/S0277379112001126	IF=4.076
21.	21.	Marković, S.B., Hambach,U., Stevens,T., Basarin,B., O'Hara-Dhand, K., Gavrilov, M. M., Gavrilov, M. B., Smalley I., Teofanov N., 2012. Relating the Astronomical Timescale to the Loess-Paleosol Sequences in Vojvodina, Northern Serbia. <i>Climate Change</i> , Part 2, 65-78. http://link.springer.com/chapter/10.1007/978-3-7091-0973-1_5#page-1	IF=3.634
22.	22.	Kars R.H., Busschers F.S., Wallinga J., 2012. Validating post-IR IRSL dating of K-feldspars through comparison with quartz OSL ages. <i>Quaternary Geochronology</i> , 12, 74-84. http://www.sciencedirect.com/science/article/pii/S1871101412000994	IF=4.015
23.	23.	Arnold L.J., Demuro M., Navazo M., Benito-Calvo A., Perez-Gonzalez	IF=2.457

		A., 2012. OSL dating of the Middle Palaeolithic Hotel California site, Sierra de Atapuerca, north-central Spain. <i>Boreas</i> , 42 (2), 285-305. http://onlinelibrary.wiley.com/doi/10.1111/j.1502-3885.2012.00262.x/abstract	
24.	24.	Zander A., Hilgers A., 2012. Testing the potential of OSL, TT-OSL, IRSL and post-IR IRSL luminescence dating on a Middle Pleistocene sediment record of Lake El'gygytgyn, Russia. <i>Climate of the Past</i> 8, 4779-4815 http://www.clim-past-discuss.net/8/4779/2012/cpd-8-4779-2012.html	IF=3.556
25.	25.	Jipa D.C., 2013. The conceptual sedimentary model of the Lower Danube Loess Basin: Sedimentologic implications. <i>Quaternary International</i> , In press. http://www.sciencedirect.com/science/article/pii/S1040618213003418	IF=1.962
26.	26.	A. Kadereit and G. A. Wagner, 2013. Geochronological reconsiderations for the Eastern European key loess section at Stayky in Ukraine <i>Climate of the Past</i> , 9, 2629-2659, DOI:10.5194/cpd-9-2629-2013 http://www.clim-past-discuss.net/9/2629/2013/cpd-9-2629-2013.html	IF=3.556
27.	27.	Fitzsimmons K.E., Hambach U., Veres D., Iovita R., 2013. The Campanian Ignimbrite Eruption: New Data on Volcanic Ash Dispersal and its potential impact on Human Evolution. <i>PLOS ONE</i> , 8 (6),e65839. http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0065839	IF= 3.73
28.	28.	Bugge B., Hambach, U., Müller K., Zöller L., Markovic S., Glaser B., 2014. Iron mineralogical proxies and Quaternary climate change in SE-European loess - paleosol sequences, <i>Catena</i> , 117, 4- 22 http://www.sciencedirect.com/science/article/pii/S0341816213001513	IF=1.881
29.	29.	Fitzsimmons K.E., Hambach U., 2013. Loess accumulation during the last glacial maximum: evidence from Urluia, southeastern Romania. <i>Quaternary International</i> , In Press, http://www.sciencedirect.com/science/article/pii/S1040618213005430	IF=1.962
30.	30.	Shitaoka, Y., Nagatomo, T., 2013. OSL dating using quartz fine grains extracted from loess in upper palaeolithic sites of Nihewan Basin, Northern China. <i>Geochronometria</i> , 40(4), 311-316. http://link.springer.com/article/10.2478/s13386-013-0123-8#page-1	IF=1.653
2.		Ivascu C., Timar Gabor A., Cozar O., Daraban L., Ardelean I., 2011. FT-IR, Raman and thermoluminescence investigation of P2O5-BaO-Li2O glass system. <i>Journal of molecular structure</i> , 993, 249-253.	Nr citari 21
31.	1.	ElBatal F.H., Abdwelghany A.M., Elwan R.L., 2011. Structural characterization of gamma irradiated lithium phosphate glasses containing variable amounts of molybdenum. <i>Journal of molecular structure</i> , 1000, 103-108. http://www.sciencedirect.com/science/article/pii/S0022286011004480	IF=1.404
32.	2	Upender G., Chinna Babu J., Chandra Mouli V., 2012. Structure, glass transition temperature and spectroscopic properties of 10 Li ₂ O-xP ₂ O ₅ -(89-x) TeO ₂ -1CuO (5 ≤x ≤25 mol %). <i>Spectrochimica Acta Part A</i> , 89, 39-45.	IF= 1.977

		http://www.sciencedirect.com/science/article/pii/S1386142511011334	
33.	3.	Stefan R., Simedru D., Popa A., Ardelean A., 2012 . Structural investigations of V ₂ O ₅ -P ₂ O ₅ -CaO glass system by FT-IR and EPR spectroscopies. <i>Journal of Materials Science</i> , 47, 3746-3751. http://link.springer.com/article/10.1007/s10853-011-6225-x#page-1	IF= 2.163
34.	4.	Todica M., Udrescu L., Simon S., 2012 . Preliminary spectroscopic investigation of some PVA membranes gamma irradiated. <i>Central European Journal of Physics</i> , 10, (2), 329-334. http://link.springer.com/article/10.2478/s11534-012-0003-5#page-1	IF= 0.905
35.	5.	Ahmadi Mooghari H.R., Nemati A., Eftekari Yekta B., Hamnabard Z., 2012 . The effects of Si ₂ O and K ₂ O on glass forming ability and structure of CaO-TiO ₂ -P ₂ O ₅ glass system. <i>Ceramics International</i> , 38, (4), 3281-3290. http://www.sciencedirect.com/science/article/pii/S0272884211011011	IF= 1.789
36.	6.	Ravi Kumar, A.V., Srinivasa Rao, Ch., Murali Krishna, G., Ravi Kumar, V., Veeraiah, N., 2012 . Structural features of MoO doped sodium sulphoboro phosphate glasses by means of spectroscopic and dielectric dispersion studies. <i>Journal of molecular structure</i> , 1016, 39-46. http://www.sciencedirect.com/science/article/pii/S0022286012001561	IF= 1.404
37.	7.	Zhang, Q., Liu H., Xu, J., Liang Q., 2012 . Behavior of phosphorus during co-gasification of sewage sludge and coal. <i>Energy and Fuels</i> , 26(5), 2830-2836. http://pubs.acs.org/doi/abs/10.1021/ef300006d?prevSearch=%2Bbehavior%2Bof%2Bphosphorus%2Bduring%2Bco-gasification%2Bof%2Bsewage%2Bsludge%2Band%2Bcoal&searchHistoryKey=	IF= 2.853
38.	8.	Vedeanu, N., Stanescu, R., Filip, S., Ardelean I., Cozar, O., 2012 . IR and ESR investigations on VO-PO-BaO glass system with opto-electronic potential. <i>Journal of Non-Crystalline Solids</i> , 358 (16), 1881-1885 http://www.sciencedirect.com/science/article/pii/S0022309312002608	IF= 1.597
39.	9.	Vijaya, N., Jayasankar, C.K., 2012 . Structural and spectroscopic properties of Eu-doped zinc fluorophosphates glasses. <i>Journal of molecular structure</i> , 1036, 42-50. http://www.sciencedirect.com/science/article/pii/S0022286012008599	IF=1.404
40.	10.	Saddeek, Y., Abo-Naf, S.M., 2012 . Influence of MoO ₃ on the Structure of Lithium Aluminium Phosphate Glasses. <i>Archives of Acoustics</i> , 37, (3), 341-347. http://www.degruyter.com/view/j/aoa.2012.37.issue-3/v10168-012-0043-2/v10168-012-0043-2.xml	IF=0.829
41.	11.	Zhang, Q., Liu, H., Qian Y., Xu, M., Li, W., Xu, J., 2013 . The influence of phosphorus on ash fusion temperature of sludge and coal. <i>Fuel Processing Technology</i> , 110, 218-226. http://www.sciencedirect.com/science/article/pii/S0378382012004651	IF=2.816
42.	12.	Qian, B., Liang, X., Wang, C., Yang, S., 2013 . Structure and properties of calcium iron phosphate glasses. <i>Journal Of Nuclear materials</i> , 443 (1-3), 140-144.	IF=1.211

		http://www.sciencedirect.com/science/article/pii/S0022311513008921	
43.	13.	Nayab Rasool, Shaik; Rama Moorthy, Lalapeta; Kulala Jayasankar, Chalicheemalapalli, 2013 . Optical and luminescence properties of Eu ³⁺ -doped phosphate based glasses. <i>Materials Express</i> , Vol.3, No. 3, 231-240(10). http://www.ingentaconnect.com/content/asp/me/2013/00000003/0000003/art00005	ISI
44.	14.	Nayab Rasool, Sk; Rama Moorthy, L., Jayasankar, C.K., 2013 . Spectroscopic Investigation of Sm ³⁺ doped phosphate based glasses for reddish-orange emission. <i>Optics Communications</i> , 311, 156-162. http://www.sciencedirect.com/science/article/pii/S0030401813007657	IF=1.438
45.	15.	Chengaiah, T., Jayasankar, C.K., Rama Moorthy, L., 2013 . Synthetics and characterization of Ce/Eu co-doped Na ₃ Gd(PO ₄) ₂ phosphors. <i>Physica B: Condensed Matter</i> , 431, 137-141. http://www.sciencedirect.com/science/article/pii/S0921452613005176	IF=1.327
46.	16.	Al-Hasni, B., Mountjoy, G., Barney, E., Gismelseed, A., 2013 . A complete study of amorphous iron phosphate structure. <i>Journal of Non-Crystalline Solids</i> , 380, 141-152. http://www.sciencedirect.com/science/article/pii/S002230931300464X	IF= 1.597
47.	17.	Babu, S, Balakrishna, A., Rajesh, D., Ratnakaram, Y.C., 2013 . Investigations on luminescence performance of Sm ³⁺ ions activated in multi-component fluoro-phosphate glasses. <i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> , 122, 639-648. http://www.sciencedirect.com/science/article/pii/S1386142513014194	IF= 2.000
48.	18.	Jiang, Z., Zhang, Q., 2013 . The structure of glass: a phase equilibrium diagram approach. <i>Progress in Materials Science</i> , 61, 144-215. http://www.sciencedirect.com/science/article/pii/S0079642513000868	IF=23.194
49.	19.	Chengaiah T., Jayasankar C. K., Babu, A.M., Rama Moorthy, L., 2014 . Eu ³⁺ -Dy ³⁺ co-doped Na ₃ Gd(PO ₄) ₂ phosphors for white light luminescence. <i>Mater. Express</i> , Vol. 4, No. 2, 153-158(6). http://www.ingentaconnect.com/content/asp/me/2014/00000004/0000002/art00007?token=004310bf383a4b3b2570747b45243f6a433b2b79662a72752d7bd6157a374d431ff	IF=1.341
50.	20.	Sastray S.S., Venkateswara Rao B.R., Vishwam T., 2014 . Spectroscopic studies of chromium doped alkali earth lead zinc phosphate glasses. <i>Indian Journal of Physics</i> , DOI: 10.1007/s12648-014-0503-9. http://link.springer.com/article/10.1007%2Fs12648-014-0503-9#page-1	IF=1.785
51.	21.	Chengaiah T., Jamalaiah B.C., Moorthy L.R., 2014 . Luminescence properties of Eu ³⁺ -doped Na ₃ Gd(PO ₄) ₂ red-emitting nanophosphors for LEDs. <i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy</i> . http://www.sciencedirect.com/science/article/pii/S1386142514008816	IF=1.977
52.	22.	Liang X., Li, H., Wang, C., Yu, H., Li, Z., Yang S., 2014 . Physical and structural properties of calcium iron phosphate glass doped with rare	IF=1.597

		earth. <i>Journal of Non-Crystalline Solids</i> , 402, 135-140. http://www.sciencedirect.com/science/article/pii/S0022309314002531	
3.		Timar-Gabor A., Vandenberghe D.A.G., Vasiliniuc S., Panaiotu C.E., Panaiotu C.G., Dimofte D., Cosma C., 2011. Optical dating of Romanian loess: A comparison between silt sized and sand-sized quartz. <i>Quaternary International</i> , 240, 62-70.	Nr citari 16
53.	1.	Markovic S. B., Catto N., Smalley I., Zoller L., 2011. The second LoessFest. <i>Quaternary International</i> , 240 (1-2), 1-3. http://www.sciencedirect.com/science/article/pii/S1040618211002102	IF=1.962
54.	2.	Kreutzer S., Fuchs M., Meszner S., Faust D., 2012. OSL chronostratigraphy of a loess-palaeosol sequence in Saxony/Germany using quartz of different grain sizes. <i>Quaternary Geochronology</i> , 10, 102-109. http://www.sciencedirect.com/science/article/pii/S1871101412000064	IF=4.015
55.	3.	Cao GC, Long H., Zhang JR., Lai ZP, 2012. Quartz OSL dating of last glacial sand dunes near Lanzhou on the western Chinese Loess Plateau: A comparison between different granulometric fractions. <i>Quaternary Geochronology</i> , 10, 32-36. http://www.sciencedirect.com/science/article/pii/S1871101411000847	IF=4.015
56.	4.	Necula C., Panaiotu C., Heslop D., Dimofte D., 2012. Climatic control of magnetic granulometry in the Mircea Voda loess/paleosol sequence (Dobrogea, Romania). <i>Quaternary International</i> , 293, 5-14. http://www.sciencedirect.com/science/article/pii/S1040618212002042	IF=1.962
57.	5.	Moska P., Adamiec G., Jary Z., 2012. High resolution dating profile from Bialy Kosciol, South-West Poland. <i>Quaternary Geochronology</i> , 10, 87-93. http://www.sciencedirect.com/science/article/pii/S1871101412000714	IF=4.015
58.	6.	Moska P., Bluszcz A., 2012. Luminescence dating of loess profiles in Poland. <i>Quaternary International</i> , 296, 51-60. http://www.sciencedirect.com/science/article/pii/S1040618212031680	IF=1.962
59.	7.	Fitzsimons K., Markovic S., Hambach U., 2012. Pleistocene environmental dynamics recorded in the loess of the middle and lower Danube basin. <i>Quaternary Science Reviews</i> 41, 104-118. http://www.sciencedirect.com/science/article/pii/S0277379112001126	IF=4.076
60.	8.	Lomax J., Fuchs M., Preusser F., Fiebig M., 2012. Luminescence based loess chronostratigraphy of the upper Paleolithic site in Krems-Wachtberg, Austria. <i>Quaternary International</i> , In press ,DOI: 10.1016/j.quaint.2012.03.2545 http://www.sciencedirect.com/science/article/pii/S1040618212032545	IF=1.962
61.	9.	Fuchs, M., Kreutzer, S., Rousseau, D. D., Antoine, P., Hatté, C., Lagroix, F., Moine, O., Gauthier, C., Svoboda, J.&Lisá, L.2013.The loess sequence of Dolní Věstonice, Czech Republic: A new OSL-based chronology of the Last Climatic Cycle. <i>Boreas</i> , 42 (3), 664-677. http://onlinelibrary.wiley.com/doi/10.1111/j.1502-3885.2012.00299.x/abstract	IF=2.457

62.	10.	Radan, S.C., 2012. Towards a synopsis of dating the loess from the Romanian Plain and Dobrogea: authors and methods through time. <i>Geo-Eco-Marina</i> , 18, 153-172. http://connection.ebscohost.com/c/articles/90543817/towards-synopsis-dating-loess-from-romanian-plain-dobrogea-authors-methods-through-time	ISI
63.	11.	Schmidt, C., Sitlivy, V., Anghelinu, M., Chabai, V., Kels, H., Uthmeier, T., Hauch, T., Balteanu, I., Hilgers, A., Richrer, J., Radtke, U., 2013. First chronometric dates (TL and OSL) for the Aurignacian open-air site of Româneşti-Dumbrăviţa I, Romania. <i>Journal of Archaeological Science</i> , 10 (40), 3740-3753. http://www.sciencedirect.com/science/article/pii/S0305440313001258	IF=1.889
64.	12.	Björn Buggle, Ulrich Hambach, Martin Kehl, Slobodan B. Markovic, Ludwig Zöller and Bruno Glaser 2013. The progressive evolution of a continental climate in southeast-central European lowlands during the Middle Pleistocene recorded in loess paleosol sequences, <i>Geology</i> , 41 (7), 771-774. http://geology.gsapubs.org/content/41/7/771.abstract?sid=958ca894-6678-4075-bdd6-b11eb00d5a2d	IF= 4.087
65.	13.	Jipa D.C., 2013. The Conceptuary Sedimentary Model of the Lower Danube Loess Basin: Sedimentogenetic Implications. <i>Quaternary International</i> , In press, DOI: 10.1016/j.quaint. http://www.sciencedirect.com/science/article/pii/S1040618213003418	IF=1.962
66.	14.	Fitzsimmons K.E., Hambach U., 2013. Loess accumulation during the last glacial maximum: evidence from Urluia, southeastern Romania. <i>Quaternary International</i> , In pressDOI: 10.1016/j.quaint. http://www.sciencedirect.com/science/article/pii/S1040618213005430	IF=1.962
67.	15.	Murray, A.S., Schmidt, E.D., Stevens, T., Buylaert, J.P., Markovic, S., Tsukamoto, S., Frechen, M., 2014. Dating Middle Pleistocene loess from Stari Slankamen (Vojvodina, Serbia) – Limitations imposed by the saturation behaviour of an elevated temperature IRSL signal. <i>Catena</i> , 117, 34-42 http://www.sciencedirect.com/science/article/pii/S0341816213001689	IF=1.881
68.	16.	Schaetzl R.J., Forman S.L., Attig J.W., 2014. Optical ages on loess derived from outwash surfaces constrain the advance of the Laurentide Ice Sheet out of the Lake Superior Basin, USA. <i>Quaternary Research</i> , 81 (2) 318-329. http://www.sciencedirect.com/science/article/pii/S0033589413001506	IF=2.204
4.		Benea V., Vandenberghe D., Timar A., Van den Haute P., Cosma C., Gligor M., Florescu C., 2007. Luminescent dating of Neolithic ceramics from Lumea Nouă, Romania. <i>Geochronometria</i> nr. 28, 9-16.	Nr citari 12
69.	1.	Kusiak, J., Rychter M., Stasiak-Cyran M., 2011. Attempts at thermoluminescence dating of fired materials from the Przeworsk Culture settlements. <i>Geochronometria</i> 38 (4), 359-368. http://link.springer.com/article/10.2478/s13386-011-0026-5#page-1	IF=1.653
70.	2.	Bashaireh K., Hodgins G.W.L., 2011. AMS ^{14}C dating of organic inclusions of plaster and mortar from different structures at Petra-	IF=1.889

		Jordan. <i>Journal of Archaeological Science</i> 38 (3), 485-491. http://www.sciencedirect.com/science/article/pii/S0305440310002931	
71.	3.	Ortega L. A., Cruz Zuluaga, M., Alonso-Olazabal, A., Murelaga, X., Insausti, M., Ibañez-Etxeberria, A., 2012. Historic lime-mortar ^{14}C dating of Sata Maria La Real (Zarautz, Northern Spain): Extraction of suitable grain size for reliable ^{14}C dating. <i>Radiocarbon</i> , 54 (1), 23-36. https://journals.uair.arizona.edu/index.php/radiocarbon/article/view/11988	IF=1.065
72.	4.	Elçin Ekdal, E., Ege, A., Karali, T., Derin Z., 2012. Luminescence dating studies of Yeşilova Hoyuk. <i>Geochronometria</i> , 39, (4), 268-275. http://link.springer.com/article/10.2478/s13386-012-0013-5#page-1	IF=1.653
73.	5.	Taraškevičius, R., Stančikaitė, M., Bluijienė, A., Stakėnienė, R., Zinkutė, R., Kusiak, J., 2012. Search for geochemical indicators of pre-urban habitation sites: case study from the Skomantai hill-fort and settlement, western Lithuania. <i>Geochemistry: Exploration, Environment, Analysis</i> DOI: 10.1144/geochem 2012-123 12, 265-275. http://geea.lyellcollection.org/content/12/4/265.short	IF=1.000
74.	6.	Lanczont, M., Bogicki, A.B., Kusiak, J., Sytnyk, O., 2012. The results of thermoluminescence dating in the Halych IIC (Ukraine) profile as the expression of the conditions of mineral material deposition. <i>Geochronometria</i> , 40 (1) 42-50. http://link.springer.com/article/10.2478/s13386-012-0022-4#page-1	IF=1.653
75.	7.	Gattuso, C., Renzelli, D., Barone, P., Pigitore, V., Oliva, A., 2012. SAR and MAAD TL dating of "Caroselu" from three sites in Calabria, South Italy, <i>Mediterranean Archaeology and Archaeometry</i> , 12, 43-54. http://www.maajournal.com/	ISI
76.	8.	Czopek, S., Kusiak, J., Trybała-Zawiślak, K., 2013. Thermoluminescent dating of the Late Bronze and Early Iron Age pottery on sites in Kłyżów and Jarosław (SE Poland), <i>Geochronometria</i> , 40, (2), 113-125. http://link.springer.com/article/10.2478/s13386-013-0102-0	IF=1.653
77.	9.	Renzelli D., Barone P., Pingitore V., Sirianni F., Purri R., Davoli M., Barca, D., Oliva A., 2013. SAR TL dating of Neolithic and Medieval ceramics from Lamezia, Calabria (South Italy): a case study. <i>Mediterranean archaeology and archaeometry</i> , 13, 277-288. http://maajournal.com/Issues/2013/Vol13-1/FullTextRENZELLI.pdf	ISI
78.	10.	Liritzis, I., Singhvi, A.K., Feathers, J.K., Wagner, G., Kadereit, A., Zacharias, N., Li, S-H., 2013. Luminescence Dating of Archaeological Materials. <i>Springer Briefs in Earth System Sciences</i> , ISBN: 978-3-319-00169-2 (Print) 978-3-319-00170-8 (Online). http://link.springer.com/chapter/10.1007/978-3-319-00170-8_4	ISI
79.	11.	Alappat, L., Seralathan, P., Shukla, A.D., Thrivikramji, K.P., Singhvi, A.K., 2013. Chronology of red dune aggradations of South India and its Palaeo-environmental significance. <i>Geochronometria</i> , 40 (4), 274-282. http://link.springer.com/article/10.2478/s13386-013-0118-5#page-1	IF=1.653
80.	12.	Wintle, A., 2014. Luminescence Dating Methods. <i>Reference Module in Earth Systems and Environmental Sciences Treatise on Geochemistry</i>	ISI

		(Second Edition). Volume 14: Archaeology and Anthropology, Elsevier, pages 17-35. http://www.sciencedirect.com/science/article/pii/B9780080959757012031	
5.		Veres D., Lane C., Timar-Gabor A., Constantin D., Szakacs A., Hambach U., Fullig A., Onac B. P., 2013. The Campanian Ignimbrite tephra layer - a regional stratigraphic marker for the MIS 3 loess deposits of Romania, <i>Quaternary International</i> , 293, 22-33.	Nr citari 8
81.	1.	Tomlinson, E.L., Arienzio, I., Civetta, L., Wulf, S., Smith, V.C., Hardiman, M., Lane, C.S., Carandente, A., Orsi, G., Rosi, M., Müller, W., Menzies, M.A., 2012. Geochemistry of the Phlegraean Fields (Italy) proximal sources for major Mediterranean tephras: implications for the dispersal of Plinian & co-ignimbritic components of explosive eruptions. <i>Geochimica et Cosmochimica Acta</i> , 93, 102-128. http://www.sciencedirect.com/science/article/pii/S0016703712003535	IF=3.884
82.	2.	Szakacs, A., Seghedi, I., 2013. The relevance of volcanic hazard in Romania: is there any?, <i>Environmental Engineering and Management Journal</i> , 12 (1), 125-135. http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol12/no1/15_798_Szakacs_1_2.pdf	IF=1.117
83.	3.	Iovita, R., Dobos, A., Fitzsimmons, K.E., Probst, M., Hambach, U., Robu, M., Vlaicu, M., Petculescu A., Geoarchaeological prospection in the loess steppe: preliminary results from the Lower Danube Survey for Paleolithic Sites (LoDanS). <i>Quaternary International</i> , In Press, DOI: 10.1016/j.quaint. http://www.sciencedirect.com/science/article/pii/S104061821300267X	IF=1.962
84.	4.	Fitzsimmons K.E., Hambach U., Veres D., Iovita R., 2013. The Campanian Ignimbrite Eruption: New Data on Volcanic Ash Dispersal and its potential impact on Human Evolution. <i>PLOS ONE</i> , 8 (6), e65839. http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0065839	IF= 3.73
85.	5.	Fitzsimmons K.E., Hambach U., 2013. Loess accumulation during the last glacial maximum: evidence from Urluia, southeastern Romania. <i>Quaternary International</i> , in press, DOI: http://dx.doi.org/10.1016/j.quaint http://www.sciencedirect.com/science/article/pii/S1040618213005430	IF=1.962
86.	6.	Rolf, C., Hambach, U., Novothny, A., Horváth, E., Schnepf, E., 2013. Dating of a Last Glacial loess sequence by relative geomagnetic palaeointensity: A case study from the Middle Danube Basin (Sütto, Hungary). <i>Quaternary International</i> , 319, 99-108. http://www.sciencedirect.com/science/article/pii/S1040618213006708	IF=1.962
87.	7.	Insinga, D.D., Tamburrino, S., Lirer, F., Vezzoli, L., Barra, M., Tiepolo, M., Valefuoco, M., Mazzola, S., Sprovieri, M., 2014. Tephrochronology of the astronomically-tuned KC01B deep-sea core, Ionian Sea: insights into the explosive activity of the Central Mediterranean area during the last 200 ka. <i>Quaternary Science Reviews</i> , 85, 63-84. http://www.sciencedirect.com/science/article/pii/S0277379113004629	IF=4.015

88.	8.	Engwell, S.L., Sparks, R. S. J., Carey, S., 2014 . Physical characteristics of tephra layers in the deep sea realm: the Campanian Ignimbrite eruption. <i>Geological Society, London, Special Publications</i> , doi: 10.1144/SP398.7. From: Austin, W. E. N., Abbott, P. M., Davies, S. M., Pearce, N. J. G. & Wastegard, S. (eds) Marine Tephrochronology. Geological Society, London, Special Publications, 398. http://sp.lyellcollection.org/content/early/2014/02/05/SP398.7.abstract	IF=2.583
6.		Vasiliniuc, S., Timar-Gabor, A., Vandenberghhe, D.A.G., Panaiotu, C.G., Begy, R. Cs., Cosma, C., 2011. A high resolution optical dating study of the Mostiștea loess-palaeosol sequence (SE Romania) using sand-sized quartz. <i>Geochronometria</i>, 38(1), 34-41.	Nr citari 7
89.	1.	Fitzsimons K., Markovic S., Hambach U., 2012 . Pleistocene environmental dynamics recorded in the loess of the middle and lower Danube basin. <i>Quaternary Science Reviews</i> 41, 104-118. http://www.sciencedirect.com/science/article/pii/S0277379112001126	IF= 4.076
90.	2.	Necula C., Panaiotu C., Heslop D., Dimofte D., 2012 . Climatic control of magnetic granulometry in the Mirecea Voda loess/paleosol sequence (Dobrogea, Romania). <i>Quaternary International</i> , 293, 5-14. http://www.sciencedirect.com/science/article/pii/S1040618212002042	IF=1.962
91.	3.	Necula C., Panaiotu C., 2012 .Rock magnetic properties of a loess-paleosols complex from Mircea Voda (Romania). <i>Romanian Reports in Physics</i> ,64(2). http://rrp.infim.ro/2012_64_2/art16Necula.pdf	IF=1.123
92.	4.	Radan, S.C., Towards a synopsis of dating the loess from the Romanian Plain and Dobrogea: authors and methods through time, 2012. <i>Geo-Eco-Marina</i> , 18. http://www.geocomar.ro/website/publicatii-revista-geo-eco-marina-18.html	BDI
93.	5.	Iovita, R., Dobos, A., Fitzsimmons, K.E., Probst, M., Hambach, U., Robu, M., Vlaicu, M., Petculescu A., Geoarchaeological prospection in the loess steppe: preliminary results from the Lower Danube Survey for Paleolithic Sites (LoDanS). <i>Quaternary International</i> , http://dx.doi.org/10.1016/j.quaint.2013.05.018 ., in press. http://www.sciencedirect.com/science/article/pii/S104061821300267X	IF=1.962
94.	6.	Jipa D.C., 2013 . The Conceptuary Sedimentary Model of the Lower Danube Loess Basin: Sedimentogenetic Implications. <i>Quaternary International</i> , In press,DOI: 10.1016/j.quatint. http://www.sciencedirect.com/science/article/pii/S1040618213003418	IF=1.962
95.	7.	Fitzsimmons K.E., Hambach U., 2013 . Loess accumulation during the last glacial maximum: evidence from Urluia, southeastern Romania. <i>Quaternary International</i> , in press http://www.sciencedirect.com/science/article/pii/S1040618213005430	IF=1.962
7.		Pascu A.R., Vasiliniuc, S., Zeciu-Dolha M., Timar-Gabor A., 2013. The potential of luminescence signals from electronic components for accident dosimetry. <i>Radiation Measurements</i>, 56, 384-388.	Nr citari 7
96.	1.	Discher M., Woda, C., 2013 . Thermoluminescence of glass display form	IF=0.861

		mobile phones for retrospective and accident dosimetry. <i>Radiation Measurements</i> , 53-54, 12-21. http://www.sciencedirect.com/science/article/pii/S1350448713001716	
97.	2.	A.S. Pradhan, A.S., Lee, J. I., Kim, J.L., 2013. Use of OSL and TL of Electronic Components of Portable Devices for Retrospective Accident Dosimetry. <i>Defect and Diffusion Forum</i> , 347, 229-245. http://www.scientific.net/DDF.347.229	IF=0.500
98.	3.	Sholom, S., McKeever, S.W.S., 2014. Emergency OSL dosimetry with commonplace materials. <i>Radiation Measurements</i> , 61, 33-51 http://www.sciencedirect.com/science/article/pii/S1350448713003892	IF=0.861
99.	4.	Bassinet, C., Woda, C., Bortolin, E., Della Monaca, V., Fattibene, O., Quattrini, M.C., Bulanek, B., Ekendahl, D., Burbidge, C.I., Cauwels, V., Kouroukla, E., Geber-Bergstrand, T., Mrozik, A., Marczewski, B., Bilski, P., Sholom, S. , McKeever, S.W.S., Smith, R.W., Veronese, I., Galli, A., Panzeri, L., Martini, M. 2014. Retrospective radiation dosimetry using OSL of electronic components: results of an inter-laboratory comparison. <i>Radiation Measurements</i> 10.1016/j.radmeas.2014.03.016. http://www.sciencedirect.com/science/article/pii/S1350448714000742	IF=0.861
100.	5.	Kouroukla, E.C., Bailiff, I.K., Terry I., Bowen, L., 2014. Luminescence characterisation of alumina substrates using cathodoluminescence microscopy and spectroscopy. <i>Radiation Measurements</i> , http://dx.doi.org/10.1016/j.radmeas.2014.03.018	IF=0.861
101.	6.	Discher M., Greiter, M., Woda. C., 2014. Photon energy dependence and angular response of glass display used in mobile phones for accident dosimetry. <i>Radiation Measurements</i> , in press. http://dx.doi.org/10.1016/j.radmeas.2014.04.011 http://www.sciencedirect.com/science/article/pii/S1350448714001061	IF=0.861
102.	7.	Mrozik, A., Marczevska, B., Bilski, P., Gieszczyk, W., 2014. Investigation of OSL Signal of Resistors from Mobile Phones for Accidental Dosimetry. <i>Radiation Measurements</i> DOI: 10.1016/j.radmeas.2014.05.004. http://www.journals.elsevier.com/radiation-measurements/	IF=0.861
8.		Vasiliniuc, S., Vandenberghe D.A.G., Timar-Gabor A., Cosma C., van den Haute P., 2013. Combined IRSL and post-IR OSL dating of Romanian loess using single aliquots of polymineral fine grains. <i>Quaternary International</i> , 293, 15-21.	Nr citari 6
103.	1.	Song, Y., Li, C., Zhao, J., Cheng, P., Zeng, M., 2012. A combined luminescence and radiocarbon dating study of the Ili loess, Central Asia. <i>Quaternary Geochronology</i> , 10, 2-7. http://www.sciencedirect.com/science/article/pii/S1871101412000738	IF=4.015
104.	2.	Lomax J., Fuchs M., Preusser F., Fiebig M., 2012. Luminescence based loess chronostratigraphy of the upper Paleolithic site in Krems-Wachtberg, Austria. <i>Quaternary International</i> , In press. DOI: http://dx.doi.org/10.1016/j.quaint	IF=1.962

		http://www.sciencedirect.com/science/article/pii/S1040618212032545	
105.	3.	Veres, D., Mandrescu, M., 2013. Advancing Pleistocene and Holocene climate change research in the Carpathian-Balkan region, <i>Quaternary International</i> , 293, 1-4. http://www.sciencedirect.com/science/article/pii/S1040618212033629	IF=1.962
106.	4.	Fitzsimmons K.E., Hambach U., 2013. Loess accumulation during the last glacial maximum: evidence from Urluia, southeastern Romania. <i>Quaternary International</i> , In press DOI: 10.1016/j.quaint.2013.08.005 . http://www.sciencedirect.com/science/article/pii/S1040618213005430	IF=1.962
107.	5.	Yang, S., Forman, S.L., Song, Y., Pierson, J., Mazzocco, J., Li, X., Shi, Z., Fang, X., 2013. Evaluating OSL-SAR protocols for dating quartz grains from the loess in Ili Basin, Central Asia. <i>Quaternary Geochronology</i> , 20, 78-88. http://www.sciencedirect.com/science/article/pii/S1871101413001143	IF=4.015
108.	6.	A. Kadereit and G. A. Wagner, 2013. Geochronological reconsiderations for the Eastern European key loess section at Stayky in Ukraine <i>Climate of the Past</i> , 9, 2629-2659. http://www.clim-past-discuss.net/9/2629/2013/cpd-9-2629-2013.html	IF=3.556
9.		Begy R.C., Cosma C., Timar A., 2009. Recent changes in Red Lake (Romania) sedimentation rate determined from depth profiles of ^{210}Pb and ^{137}Cs . <i>Journal of Environmental Radioactivity</i> , 100, 644-648.	Nr citari 6
109.	1.	Bao K., Xia W., Lu X., Wang G., 2010. Recent atmospheric lead deposition in an ombrotrophic peat bog of Great Hinggan Mountains, Northeast China, from ^{210}Pb and ^{137}Cs dating, <i>Journal of Environmental Radioactivity</i> , 101(9), 773-779. http://www.sciencedirect.com/science/article/pii/S0265931X10001220	IF=2.119
110.	2.	Nehyba S., Nyvit D., Schkade U., Kirchner G., Francu E., 2011. Depositional rates and dating techniques of modern deposits in the Brno reservoir (Czech Republic) during the last 70 years. <i>Journal of Paleolimnology</i> , 45 (1), 41-55. http://link.springer.com/article/10.1007/s10933-010-9478-5	IF=2.209
111.	3.	Sert I., Yener G., Ozel E., Pekcetinoz B., Eftelioglu M., Gorgun A., 2012. Estimation of sediment accumulation rated using naturally occurring ^{210}Pb models in Gulbahce Bay, Aegean Sea, Turkey. <i>Journal of Environmental Radioactivity</i> , 107, 1-12. http://www.sciencedirect.com/science/article/pii/S0265931X11002694	IF=2.119
112.	4.	Mohammadreza Gharibreza, John Kuna Raj, Ismail Yusoff, Zainudin Othman, Wan Zakaria Wan Muhamad Tahir, Mohammad Aqeel Ashraf, 2013. Sedimentation rates in Bera Lake (Peninsular Malaysia) using ^{210}Pb and ^{137}Cs radioisotopes. <i>Geosciences Journal</i> , 17 (2), 211-220. http://link.springer.com/article/10.1007%2Fs12303-013-0013-3#page-1	IF=0.618
113.	5.	Strok, M., Smidis, B., Petrinec, B., Feanic, Z., 2013. Correcting for potential ^{222}Rn loss in ^{210}Pb dating of sediments from the South Adriatic Pit, <i>Quaternary Geochronology</i> , 18, 93-98.	IF=4.015

		http://www.sciencedirect.com/science/article/pii/S1871101413000629	
114.	6.	Romanescu G., Stoleriu CC, Enea A., 2013. The Nature of the Sediments Within the Lacustrine Basin. Limnology of the Red Lake, Romania, 125-150, <i>Springer</i> DOI: 10.1007/978-94-007-6757-7_6. http://link.springer.com/chapter/10.1007/978-94-007-6757-7_6	ISI
10.		Constantin D., Timar-Gabor A., Veres D., Begy R., Cosma C., 2012. SAR-OSL dating of quartz of different grain sizes extracted from a loess section in southern Romania embedding the Campanian Ignimbrite/Y5 tephra layer, <i>Quaternary Geochronology</i>, 10, 81-86.	Nr citari 5
115.	1.	Fitzsimmons K.E., Hambach U., Veres D., Iovita R., 2013. The Campanian Ignimbrite Eruption: New Data on Volcanic Ash Dispersal and its potential impact on Human Evolution. <i>PLOS ONE</i> , 8 (6), e65839. http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0065839	IF=3.730
116.	2.	Fitzsimmons K.E., Hambach U., 2013. Loess accumulation during the last glacial maximum: evidence from Urluia, southeastern Romania. <i>Quaternary International</i> , In press, DOI: 10.1016/j.quaint.2013.08.005 http://www.sciencedirect.com/science/article/pii/S1040618213005430	IF=1.962
117.	3.	Housley, R.A., MacLeod, A., Armitage S., Kabaciński J., Gamble C.S., 2013. The potential of cryptotephra and OSL dating for refining the chronology of open airarchaeological windblown sand sites: a case study from Mirkowice 33, northwest Poland. <i>Quaternary Geochronology</i> , 20, 99-108. http://www.sciencedirect.com/science/article/pii/S1871101413001131	IF=4.015
118.	4.	Engwell, S.L., Sparks, R. S. J., Carey, S., 2014. Physical characteristics of tephra layers in the deep sea realm: the Campanian Ignimbrite eruption. <i>Geological Society, London, Special Publications</i> , DOI: 10.1144/SP398.7. From: Austin, W. E. N., Abbott, P. M., Davies, S. M., Pearce, N. J. G. & Wastegard, S. (eds) Marine Tephrochronology. Geological Society, London, Special Publications, 398. http://sp.lyellcollection.org/content/early/2014/02/05/SP398.7.abstract	IF=2.583
119.	5.	Kels H., Protze, J., Sitlivy V., Hilgers A., Zander A., Anghelinu M., Bertrams M., Lehmkuhl F., 2014. Genesis of loess-like sediments and soils at the foothills of the Banat Mountains, Romania – Examples from the Paleolithic sites Românești and Coșava. <i>Quaternary International</i> , In press, DOI: 10.1016/j.quaint.2014.04.063. http://www.sciencedirect.com/science/article/pii/S1040618214002870	IF=1.962
11.		Cosma C., Ciorba D., Timar A., Szacsavai K., Dinu A., 2009. Radon exposure and lung cancer risk in Romania. <i>Journal of Environmental Protection and Ecology</i>, nr 1, 94-104.	Nr citari 4
120.	1.	Ghita I.A., Vasilescu A., 2011. Radon assessment with solid-state nuclear track detectors in Bucharest and its surrounding region. <i>Romanian Reports in Physics</i> , 63, 940-947. http://www.nimp.ro/2011_63_4/art05Ghita.pdf	IF=1.123

121.	2.	Vasilescu A., 2013. CR-39 sampling of indoor radon in Southern Romania. <i>Romanian Reports in Physics</i> , 58, S311-319. http://www.nipne.ro/rjp/2013_58_Suppl/0311_0319.pdf	IF=1.123
122.	3.	Csegzi S., 2013. Further arguments regarding the importance of implementing the houses radon activity map in Romania. <i>Romanian Reports in Physics</i> , 58, S84-89. http://www.ifin.ro/rjp/2013_58_Suppl/0084_0089.pdf	IF=1.123
123.	4.	Szaczvai K., Cosma C., Cucos A., 2013. Indoor Radon Exposure in Cluj-Napoca City, Romania. <i>Romanian Reports in Physics</i> , 58, S273-279. http://www.nipne.ro/rjp/2013_58_Suppl/0273_0279.pdf	IF=1.123
12.		Vasiliniuc Ş., Vandenberghe D.A.G., Timar-Gabor A., Panaiotu C., Cosma C., Van den haute P., 2012. Testing the potential of elevated temperature post-IR-IRSL signals for dating Romanian loess, <i>Quaternary Geochronology</i> , 10, 75-80.	Nr citari 3
124.	1.	Chen, Y., Sheng-Hua, L., Li, B., 2013. Residual doses and sensitivity change of post IR-IRSL signals from potassium feldspar under different bleaching conditions. <i>Geochronometria</i> , 40 (4), 229-238. http://link.springer.com/article/10.2478/s13386-013-0128-3#page-1	IF=1.653
125.	2.	Virk, H.S., 2014. Luminescence Related Phenomena and their Applications. <i>Defect diffusion Forum</i> , 347, 111-137. http://www.scientific.net/DDF.347.1	IF=0.500
126.	3.	Arnold, L.J., Demuro, M., Parés, J.M., Arsuagab, J.L., Aranburu, A., Bermúdez de Castro, J.M., Carbonelle E., 2014. Luminescence dating and palaeomagnetic age constraint on hominins from Sima de los Huesos, Atapuerca, Spain. <i>Journal of Human Evolution</i> , 67, 85-107. http://www.sciencedirect.com/science/article/pii/S0047248413002455	IF=4.530
127.	4.	Li B., Jacobs Z., Roberts R.G., Li, S-H., 2014. Review and assessment of the potential of post-IR IRSL dating methods to circumvent the problem of anomalous fading in feldspar luminescence. <i>Geochronometria</i> , DOI 10.2478/s13386-013-0160-3. http://link.springer.com/article/10.2478%2Fs13386-013-0160-3	IF=1.653
13.		Timar-Gabor A., Vasiliniuc Ş., Vandenberghe D.A.G., Cosma C., Wintle A.G., 2012. Investigations on the reliability of SAR-OSL equivalent doses obtained for quartz samples displaying dose response curves with more than one component, 47(9), 740-745.	Nr citari 2
128.	1.	Chapot, M.S., Roberts, H.M., Duller, G.A.T., Lai, Z.P., 2012. A comparison of natural and laboratory generated dose response curves for quartz optically stimulated luminescence signals from Chinese Loess, <i>Radiation Measurements</i> , 47, (11-12), 1045-1052. http://www.sciencedirect.com/science/article/pii/S1350448712002648	IF=0.861
129.	2.	Fitzsimmons K.E., Hambach U., 2013. Loess accumulation during the last glacial maximum: evidence from Urluia, southeastern Romania. <i>Quaternary International</i> , In press, http://www.sciencedirect.com/science/article/pii/S1040618213005430	IF=1.962
14.		Cosma C., Petrescu I., Melescu C., Timar A., 2009. Studies on the radioactivity of lignite from the area between the Danube and Motru	Nr citari 2

		(South-West Romania) and the incidence on the environment. <i>Journal of Environmental Protection and Ecology</i>, nr 1, 192-201.	
130.	1.	Urch D.S. 2010. <i>Radiochemistry, Royal Society of Chemistry</i> , Annu., Rep., Prog., Chem., Sect. A., 2010, 106, 458-480, DOI:10.1039/b920669h. http://pubs.rsc.org/en/content/articlelanding/2010/ic/b920669h#!div Abstract	ISI
131.	2.	Fokion K. Vosniakos, 2014. Radioactivity Transfer in Environment and Food. Springer ISBN: 978-3-642-28740-4 (Print) 978-3-642-28741-1 (Online) http://rpd.oxfordjournals.org/content/early/2014/03/07/rpd.ncu041.short	ISI
15.		Timar Gabor A., Ivascu C., Vailiniuc S., Daraban L., Ardelean I., Cosma C., Cozar O., 2011. Thermoluminescence and optically stimulated luminescence properties of the $P_2O_5\text{-}xBaO\text{-}(0.5\text{-}x) Li_2O$ glass system. <i>Applied radiations and Isotopes</i> , 69, 780-784.	Nr citari 2
132.	1.	Todica M., Pop C.V., Udrescu L., Stefan T., 2011. Spectroscopy of a Gamma Irradiated Poly (Acrylic Acid) Clotrimazole System. <i>Chinese Physics Letters</i> 28, (12), 128201:1-4. http://iopscience.iop.org/0256-307X/28/12/128201/pdf/cpl_28_12_128201.pdf	IF=0.811
133.	2.	Regos A. N., Ciceo Lucacel R., Ardelean I., 2011. Structural study of $xK_2O(100-x)[P_2O_5\text{-}CaO]$ glass system. <i>Journal of Materials Science</i> , 46, 7313-7318. http://link.springer.com/article/10.1007%2Fs10853-011-5692-4#page-1	IF=2.163
16.		Begy R. CS., Dreve S., Timar-Gabor A., Rusu O.A., Cosma C., 2012. Measurement of radium content in some spring waters from Romania. <i>Environmental Engineering and Management Journal</i> , vol 11, nr 2, 1005-1009.	Nr citari 2
134.	1.	Encian I., Moldovan, M., Nita D.C., Cosma C., 2013. Determination of Radium in mine water from the North of Transylvania, Romania, <i>Carpathian Journal of Earth and Environmental Science</i> , 8(2), 177-184. http://www.ubm.ro/sites/CJEES/viewTopic.php?topicId=332	IF=1.450
135.	2.	Todea, D., Cosma, C., Dicu, T., Roșca, L., Dinu, A., Rișteiu, M., Iancu, D., Papuc, I., Rădulescu, D., 2013. Lung cancer risk induced by residential radon in Cluj and Alba Counties, Romania <i>Environmental Engineering and Management Journal</i> 12 (6), 1281-1285. http://omicron.ch.tuiasi.ro/EEMJ/pdfs/vol12/no6/22_353_Todea_13.pdf	IF=1.117
17.		Begy, R.Cs, Timar Gabor A., Somlai J., Cosma C., 2011. A sedimentation study of St. Anna Lake (Romania) applying the ^{210}Pb and ^{137}Cs dating methods. <i>Geochronometria</i> , 38(2), 93-100.	Nr citari 2
136.	1.	Begy, R. Cs., Somlai, J., Kovacs, T., Dumitru (Rusu), O.A., Cosma, C., 2013. The activity concentration of ^{210}Po in Romanian commercial cigarettes and the radiation exposure estimation derived from their regular consumption. <i>Radiation Protection Dosimetry</i> , 157(1), 120-124. http://rpd.oxfordjournals.org/content/157/1/120.short	IF=0.909
137.	2.	Alhajji, E., Ismail, I. M., Al-Masri, M.S., Salman, N., Al-Haleem, M.A., Doubal, A.W., 2014. Sedimentation rates in the Lake Qattinah using	IF=1.653

		²¹⁰ Pb and ¹³⁷ Cs as geochronometer. <i>Geochronometria</i> , 41, 81-86. http://link.springer.com/article/10.2478/s13386-013-0142-5#page-1	
18.		Vespremeanu -Stroe A., Preoteasa L., Hanganu D., Brown, T., Branzescu I., P. Toms, Timar-Gabor A., 2013. The impact of the Late Holocene coastal changes on the rise and decay of the ancient city of Histria (Southern Danube Delta). <i>Quaternary International</i> , 293, 245-257.	Nr citari 2
138.	1.	Li, B., Liu, H., Wu, L., McCloskey, T.A., Li, K., Mao, L., 2013. Linking the vicissitude of Neolithic cities with mid Holocene environment and climate changes in the middle Yangtze River, China. <i>Quaternary International</i> , 321, 22-28. http://www.sciencedirect.com/science/article/pii/S1040618213008999	IF=1.962
139.	2.	Veres, D., Mandrescu, M., 2013. Advancing Pleistocene and Holocene climate change research in the Carpathian-Balkan region, <i>Quaternary International</i> , 293, 1-4. http://www.sciencedirect.com/science/article/pii/S1040618212033629	IF=1.962
19.		Timar-Gabor A., Trandafir O., 2013. On the luminescence properties of household salt as a potential retrospective dosimeter, <i>Radiation Protection Dosimetry</i> , 155 (4), pp. 404-409.	Nr citari 1
140.	1.	Christiansson, M., Bernhardsson, C., Geber-Bergstrand, T., Mattsson, S., Raaf, C. L., 2014. Household salt for retrospective dose assessments using OSL: signal integrity and its dependence on containment, sample collection, and signal readout, <i>Radiation Environmental Biophysics</i> , DOI 10.1007/s00411-014-0544-7. http://link.springer.com/article/10.1007/s00411-014-0544-7	IF=1.754
20.		Cosma, C., Rusu O.A., Cosma, V., Nita, D., Begy, R. Cs., Timar-Gabor, A., Astilean, A., 2012. Protection of Alpha Spectrometry Detectors Using Thin Formvar Films and Influence on Detection Characteristics, <i>IEEE Transactions on Nuclear Science</i> 59 (4 PART 1), art. no. 6153411, pp. 1175-1179 DOI: 10.1109/TNS.2012.2184802.	Nr citari 1
141.	1.	Dumitru, O.A., Begy, R.C., Nita, D.C., Bobos, L.D., Cosma, C., 2013. Uranium electrodeposition for alpha spectrometric source preparation. <i>Journal of Radioanalytical and Nuclear Chemistry</i> 298 (2), 1335-1339. http://link.springer.com/article/10.1007%2Fs10967-013-2584-x	IF=1.467
21.		Cosma C., Benea V., Timar A., Barbos D., Paunoiu C, 2006. Preliminary dating results on ancient ceramics from Romania by means of thermoluminescence. <i>Radiation Measurements</i> nr. 41, 987-990.	Nr citari 1
142.	1.	Liritzis, I., Sighvi, A.K., Feathers, J., Wagner, G.A., Kadereit A., Zacharias, N., Li, S-H., 2013. Luminescence Dating of Archaeological Materials. Luminescence Datingin Archaeology, Anthropology, and Geoarchaeology Springer Briefs in Earth System Sciences 2013, 25-40. http://link.springer.com/book/10.1007/978-3-319-00170-8	ISI
22.		Timar-Gabor, A., Vasiliniuc, S., Bădărau, A.S., Begy, R., Cosma C., 2010. Testing the potential of optically stimulated luminescence dating methods for dating soil covers from the forest steppe zone in Transylvanian basin. <i>Carpathian Journal of Earth and Environmental Sciences-</i> 5(2), 137-144.	Nr citari 1
143.	1.	Tantau I., Farcas S., Beldean C., Geanta A., Stefanescu L., 2011. Late	IF=1.495

	Holocene paleoenvironments and human impact in Fagaras Depression (Southern Transilvania, Romania), <i>Carpathian Journal of Earth and Environmental Science</i> , 6(1), 171-178. http://www.ubm.ro/sites/CJEES/viewTopic.php?topicId=132	
	TOTAL	429 puncte

CENTRALIZATOR

	<i>Conditii minime profesor, CS1</i>	<i>Dr. A. Timar-Gabor</i>
Activitatea didactica/ profesionala (A1)	Minimum 240 puncte	<u>240</u>
Activitatea de cercetare (A2)	Minimum 500 puncte	<u>2157+135+402 =2694</u>
Recunoasterea impactului activitatii (A3)	Minimum 90 puncte	<u>429</u>
<u>TOTAL</u>	<u>Minimum 800 puncte</u>	<u>3363</u>

19 Iunie 2014

Dr. Alida Timar-Gabor

