

ARTICOLE IN REVISTE INDEXATE ISI

1. *The Sarmizegetusa Bracelets*, Bogdan Constantinescu, Ernest Oberlender-Tarnoveanu, Roxana Bugoi, Viorel Cojocaru, Martin Radtke, *Antiquity Journal*, London, Volume 84, Issue 326, 2011, pp. 1028-1042
2. *Gold and Silver Coating Characterization Using an X-Ray Fluorescence Based Method - The Case of Archaeological Artifacts*, Catalina Chiojdeanu, Daniela Cristea Stan, B.Constantinescu, *Rom Rep Phys Vol.63*, no.3 (2011), pp. 685-692
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5. *Archaeometallurgical Characterization of Ancient Gold Artifacts from Romanian Museums Using XRF, Micro-PIXE and Micro-SR-XRF Methods*, Bogdan Constantinescu, Daniela Cristea-Stan, Angela Vasilescu, Rolf Simon and Daniele Ceccato, *Proceedings of the Romanian Academy, Series A*, 13(1), (2012), pp. 19-26
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9. *Archaeometallurgical studies of Bronze Age objects from the Romanian Cultural Heritage*, R. Bugoi, B. Constantinescu, A. D. Popescu, F. Munnik, *Romanian Reports in Physics*, vol. 65(4), 2013, pp. 1234–1245
10. *New analysis on Romanian Archaeological gold samples and on some Bronze Age artifacts*, B. Constantinescu, D. Cristea-Stan, D. Ceccato, Edited by: Ricci, RA; Rigato, V; Mazzoldi, P *Conference: International Conference on Multidisciplinary Applications of Nuclear Physics with Ion Beams (ION BEAMS)* Location: INFN, Lab Nazionali Legnaro, Padova, ITALY Date: JUN 06-08, 2012 Sponsor(s): Ist Nazl Fisica Nucl;

Agilent Technologies; Pfeiffer Vacuum; Vacuum & Space DG Technol Serv s r l; 5Pascal; CAEN; Strumenti Sci CINEL s r l; AMETEK s r l; AMT ORTEC; Mot Control & Opt; Physik Instrumente; Natl Electrostat Corp; High Voltage Engn Europa B V; Univ Studii Paduani MULTIDISCIPLINARY APPLICATIONS OF NUCLEAR PHYSICS WITH ION BEAMS (ION BEAMS '12) Book Series: AIP Conference Proceedings Volume: 1530, 2013, pp. 25-28

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18. *Application of X-Ray Fluorescence Elemental Analysis for Mural Painting Restoration of “Otetelesanu” Church in Magurele (Painted by Gh. Tattarescu)*, Daniela Cristea-Stan, Bogdan Constantinescu, Catalina Chiojdeanu, Corina Anca Simion, Romanian Reports in Physics (2017) – in press

19. *Studies of inhomogeneity of Ancient Bronze and Silver Alloys*, Angela Vasilescu, B. Constantinescu, Daniela Stan, G. Talmatchi, D. Ceccato, Proceedings of the 12th

European Conference on Accelerators in Applied Research and Technology, 3-8 July 2016, Jyväskylä, Finland, Special Issue of Nuclear Instruments and Methods in Physics Research, section B, Beam Interactions with Materials and Atoms (NIM B) 2017 – in press

#### ALTE ARTICOLE

1. *“Micro-PIXE studies on native Transylvanian gold for archaeological artifacts authentication”*, Daniela Cristea-Stan, Bogdan Constantinescu, Daniele Ceccato, Claire Pacheco, Laurent Pichon, Catalin Luculescu, Applications of Nuclear Techniques (CRETE13), International Journal of Modern Physics: Conference Series, Vol.27 (2014) 1460133-1 – 1460133-9. On line ISSN: 2010-1945
2. *Considerations on the XRF Analyses on Selected Prehistoric Gold Objects from the Collections of the National Museum of Romanian History*, Alexandra Târlea, Bogdan Constantinescu, Roxana Bugoi, Mihai Florea, SCIVA - Studii si Cercetari de Istorie Veche si Arheologie (2016) - in press

#### CAPITOLE DIN CARTI SI PROCEEDINGS-URI

1. *Analiza compozitionala a unor artefacte geto-dacice de aur gasite in Muntenia si Moldova*, Daniela Stan, Bogdan Constantinescu, 6 December 2014, Proceedings Symposium "ArheoVest", 2nd edition: In Honorem Prof. Univ. Dr. Gheorghe Lazarovici, JATEPress Kiadó, Szeged (2014) 667-676.
2. *Analiza compozițională a tezaurilor de argint geto-dacice de la Agighiol, Peretu, Craiova și Poroina*, Bogdan Constantinescu, Daniela Stan, Mircea Babeș, Catalin Nicolae, 6 December 2014, Proceedings Symposium "ArheoVest", 2nd edition: In Honorem Prof. Univ. Dr. Gheorghe Lazarovici, JATEPress Kiadó, Szeged (2014) 645-666.
3. *New Data and Analyses on Gold Metallurgy during the Romanian Copper Age*, Gheorghe Lazarovici, Cornelia-Magda Lazarovici, Bogdan Constantinescu, in Neolithic and Copper Age between the Carpathians and Aegean Sea, Edited by Svend Hansen, Pal Raczky, Alexandra Anders, Agathe Reingruber, Habelt-Verlag, Bonn, 2015, pp. 325-352.
4. *Analiza compozitionala a celor trei placute de aur de tip Germisara scoase la licitatie in Decembrie 2014 de Casa ARTMARK*, Daniela Cristea-Stan, Bogdan Constantinescu, Ernest Oberlaender-Tarnoveanu, Tudor Martin, 28 November 2015, Proceedings Symposium "ArheoVest", 3rd edition: In memoriam Florin Medelet, JATEPress Kiadó, Szeged (2015) 723-730

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7. *Prehistoric gold metallurgy in Transylvania - an archaeometrical study*, Daniela Cristea-Stan, B. Constantinescu, Proceedings of the XVII UISPP World Congress, 1-7 september 2015, Burgos, Spain, in Networks of trade in raw materials and technological innovations in Prehistory and Protohistory - an Archaeometry approach, Vol. 12, Session B34, p. 27-38, by ARCHAEPRESS PUBLISHING LTD – ARCHAEPRESS ARCHAEOLOGY, Vol. Ed. Davide Delfino, Paolo Piccardo, Joao Carlos Baptista, ISBN 978 1 78491 423 3.