

Списък на научните публикации на Диана Йорданова

Публикации за периода 1995 – 2006 преди придобиване на научното звание “доцент”

1. Kovacheva, M., N. Jordanova, and **D. Jordanova**, 1995. Archaeomagnetic study of the Early Bronze age settlement Sarovka near Dubene, Karlovo district. Reports of Prehistoric Research Projects, Vol1, No 1, 32-43.
2. Jordanova, N., **D. Jordanova**, V. Karloukovski , 1996 Magnetic fabric of Bulgarian loess sediments obtained using two different sampling techniques, *Studia Geophysica et Geodaetica*, 40, 36-49. **IF 1.123**
3. **Jordanova, D.**, E. Petrovsky, N. Jordanova, J. Evlogiev and V. Butchvarova, 1997. Rockmagnetic properties of recent soils from North Eastern Bulgaria. *Geophys.J.Int.*, 128, 474-488. **IF 2.411**
4. **Jordanova, D.** and N. Jordanova, 1998. Magnetic properties of loess sediments from NE Bulgaria - detailed record of climate for the last 800 000 years. *Priroda*, 3-4, 86-88 (in Bulgarian).
5. **Jordanova, D.** and N. Petersen, 1999. Palaeoclimatic record from loess-soil section in NE Bulgaria. Part I: rock-magnetic properties. *Geophys. J. Int.*, 138, 520-532. **IF 2.411**
6. **Jordanova, D.** and N. Petersen, 1999. Palaeoclimatic record from loess-soil section in NE Bulgaria. Part II: correlation with the global climatic events during the Pleistocene. *Geophys. J. Int.*, 138, 533-540. **IF 2.411**
7. **Jordanova, D.** and N. Jordanova, 1999. Magnetic properties of different soil types from Bulgaria. *Studia Geophys. et Geodaetica*, 43, 303-318. **IF 1.123**
8. **Jordanova, D.**, D. Dimov and Vl. Stanchev, 2000. Magnetic properties of rock samples from Livingston Island (Antarctica) in connection with the interpretation of magnetic anomalies. *Annuaire de l'Univ. de Sofia "St. Kliment Ohridski", Livre 1 - Geologie*, vol. 92, 177-187
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10. Jordanova, N., E. Petrovsky, M. Kovacheva and **D. Jordanova**, 2001. Factors determining magnetic enhancement of burnt clay from archaeological sites. *Journal of Archaeological Science*, 28, No11, 1137-1148. **IF 1.71**
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13. Hus J., S. Ech-Chakrouni and **D. Jordanova**, 2002. Origin of Magnetic Fabric in Bricks: its Implications in Archaeomagnetism. *Phys. and Chem. of the Earth*, 27, 1319 - 1331. **IF 0.917**
14. Hus J., Ech-Chakrouni, S., **Jordanova, D.**, and Geeraerts, R., 2003. Archaeomagnetic Investigation of two Mediaeval Brick Constructions in North Belgium and the Magnetic Anisotropy of Bricks, *Geoarchaeology*, vol. 18,2, 225-253. **IF 0.886**
15. Wehland, F., C. Panaiotu, E. Appel, V. Hoffmann, **D. Jordanova**, N. Jordanova, I. Denut, 2002. The dam breakage of Baia Mare – a pilot study of magnetic screening. *Phys. Chem. Earth.*, 27, 1371-1376. **IF 0.917**

16. **Jordanova, D.**, L. Veneva, V. Hoffmann. 2003. Magnetic susceptibility screening of anthropogenic impact on the Danube river sediments in Northwestern Bulgaria – preliminary results. *Studia Geophysica et Geodaetica*, **47**, 403 – 418. **IF 1.123**
17. **Jordanova, N.**, D. Jordanova, L. Veneva, K. Yorova, E. Petrovsky, 2003. Magnetic response of soils and vegetation to heavy metal pollution – a case study. *Environmental Science and Technology*, **37**, 4417-4424. **IF 4.827**
18. B. Henry, **D. Jordanova**, N. Jordanova, Ch. Souque, P. Robion, 2003. Anisotropy of magnetic susceptibility of heated rocks. *Tectonophysics*, **366**, 3-4, 243-260 **IF 2.509**
19. **Jordanova, D.**, Hoffmann, V. and Fehr, Th., 2004. Mineral magnetic characterization of anthropogenic magnetic phases in the Danube river sediments (Bulgarian part). *Earth Planet. Sci. Lett.*, 221: 71 – 89. **IF 4.279**
20. **D. Jordanova**, V. Hoffmann, Th. Fehr, 2004. Integrated study of single anthropogenic particles - magnetic and environmental implications. *Environmental Chemistry*, 1, 31 – 34. **IF 1.818**
21. Veneva, L., Hoffmann, V., **Jordanova, D.**, Jordanova, N., Fehr, Th., 2004. Rock magnetic, mineralogical and microstructural characterization of fly ashes from Bulgarian power plants and the nearby anthropogenic soils. *Phys. Chem. Earth*, 29: 1011 – 1023. **IF 0.917**
22. Goddu Srinivasa Rao, Appel, E. **Jordanova, D.**, Wehland, F., 2004. Magnetic properties of road dust from Visakhapatnam (India) – relationship to industrial pollution and road traffic. *Phys. Chem. Earth*, **29**: 985 – 995. **IF 0.917**
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24. Buyuksarac, A., **Jordanova, D.**, Ates, A., Karloukovski, V., 2005. Interpretation of the gravity and magnetic anomalies of the Cappadocia Region, Central Turkey. *Pure Applied Geophys.*, **162**, 2197-2213. **IF 1.091**
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26. Jordanova, N., **Jordanova, D.**, Henry, B., Le Goff, M., Dimov, D., Tsacheva, Ts., 2006. Magnetism of cigarette ashes. *J. Magnetism and Magnetic Materials*, **301**, 50-66. **IF 1.69**

IF total (1996 – 2005): 42.475

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27. Avramov, V., **Jordanova, D.**, Hoffmann, V., Roesler, W., 2006. The role of dust source area and pedogenesis in three loess-palaeosol sections from North Bulgaria: a mineral magnetic study. *Studia Geoph. Geodaetica*, **50**, 259-282. **IF 1.123**
28. **Jordanova, D.**, Jordanova, N. Henry, B., Hus, J., Bascou, J., Funaki, M., Dimov, D., 2007. Changes in mean magnetic susceptibility and its anisotropy of rock samples as a result of alternating field demagnetization. *Earth and Planetary Science Letters*, **255**, 390-401. **IF 4.279**

29. Henry, B., **Jordanova, D.**, Jordanova, N., Hus, J., Bacou, J., Funaki, M., Dimov, D., 2007. Alternating field-impressed AMS in rocks. *Geophys. J. Int.*, **168**, 533-540. **IF 2.411**
30. Jordanova, N., **Jordanova, D.**, 2007. Application of magnetic methods for estimation of degree of soil pollution in the area of Varna-Devnja industrial zone" *VII International Scientific Conference SGEM*, abstract book pp. 152-153; full text on CD.
31. Henry, B., **Jordanova, D.**, Jordanova, N., Derder, M., Bayou, B., Amenna, M., Dimov, D., 2007. Composite magnetic fabric deciphered using heating treatment. *Studia Geophys. Geod.* **51**, 293-314. **IF 1.123**
32. **Jordanova, D.**, Hus, J., Geeraerts, R., 2007. Palaeoclimatic implications of the magnetic record from loess/palaeosol sequence Viatovo (NE Bulgaria). *Geophysical Journal International*, **171**, 1036-1047; Doi: 10.1111/j.1365-246X.2007.03576.x **IF 2.411**
33. **Jordanova, D.**, Hus, J., Evlogiev, J., Geeraerts, R., 2008. Palaeomagnetism of the loess/palaeosol sequence in Viatovo (NE Bulgaria) in the Danube basin. *Phys. Earth Planet. Inter.*, **167**, 71-83. **IF 2.64**
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35. Georgiev, N., Henry, B., Jordanova, N., Froitzheim, N., **Jordanova, D.**, Ivanov, Z., Dimov, D. 2009. The emplacement mode of upper Cretaceous plutons from the southwestern part of the Sredna Gora Zone (Bulgaria): Structural and AMS study. *Geologica Carpathica*, 60,1, 15-33. **IF 0.909**
36. Fraenzle S., V. Hoffmann, C. Panaiotu, **D. Jordanova**, N. Jordanova, R. Djingova, S. Wuenschmann, B. Markert, 2009. Formation and determination of magnetite particles in biological samples for biomonitoring inputs of Fe and other heavy metals. *Agrochimica*, Vol. LIII - N. 6, 405 – 417. **IF 0.279**
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39. N. Jordanova, **D. Jordanova**. Magnetic methods for delineation of heavy metal pollution in Burgas region. 2010. *10th International Multidisciplinary Scientific GeoConference SGEM 2010*. Conference Proceedings, vol.1, 783 – 790.
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42. N. Jordanova, **D. Jordanova**, P. Petrov, 2011. Magnetic imprints of pedogenesis in Planosols and Stagnic Alisol from Bulgaria. *Geoderma*, 160, 477-489. **IF 2.178**

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IF total (2006 – 2011): 27.731

Импакт фактори за 2010г.