**ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ**

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ΣΠΟΥΔΕΣ:

• 2002 Διδακτορικό δίπλωμα από το τμήμα Μηχανικών Ορυκτών Πόρων του Πολυτεχνείου Κρήτης τον Ιούνιο του 2002. Θέμα διδακτορικής διατριβής «Γεωχημεία των λιγνιτών των περιοχών Φλώρινας και Ελασσόνας με έμφαση στους ιχνορυπαντές»

• 1990 Πτυχίο χημικού από το τμήμα Χημείας του Εθνικού Καποδιστριακού

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1. SALTAS, V., PENTARI, D. & VALLIANATOS, F. 2020, "Complex electrical conductivity of biotite and muscovite micas at elevated temperatures: A comparative study", Materials, vol. 13, no. 16. 3513

2. PENTARI, D. & VAMVOUKA, D. 2019, "Cadmium Removal from Aqueous Solutions Using Nano-Iron Doped Lignite", IOP Conference Series: Earth and Environmental Science. 221(1), 012135

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4. VAMVUKA, D., DERMITZAKIS, S., PENTARI, D. & SFAKIOTAKIS, S. 2018, "Valorization of Meat and Bone Meal through pyrolysis for soil amendment or lead adsorption from wastewaters", Food and Bioproducts Processing, vol. 109, pp. 148-157.

5. VAMVUKA, D., KANIADAKIS, G., PENTARI, D., ALEVIZOS, G. & PAPAPOLIKARPOU, Z. 2017, "Comparison of ashes from fixed/fluidized bed combustion of swine sludge and olive by-products. Properties, environmental impact and potential uses", Renewable Energy, vol. 112, pp. 74-83.

6. KATSIMICHA, D., PENTARI, D., PANTELAKI, O. & KOMNITSAS, K. 2017, "Effect of wet milling on the adsorption capacity of a Greek natural zeolite used for the removal of heavy metals from solutions", Bulletin of the Geological Society of Greece, vol. 47, pp. 953-962

7. VAMVUKA, D., TRIKOUVERTIS, M., PENTARI, D., ALEVIZOS, G. and STRATAKIS, A., 2017. Characterization and evaluation of fly and bottom ashes from combustion of residues from vineyards and processing industry. Journal of the Energy Institute, 90(4), pp. 574-587.

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ΙΙΙ. ΑΝΑΚΟΙΝΩΣΕΙΣ ΣΕ ΣΥΝΕΔΡΙΑ

26. DESPINA VAMVOUKA, DESPINA PENTARI “Environmental impact of heavy metals released from deposition of lignite and waste material ashes” Goldschmidt 2019, Barcelona, August 2019.

27. DESPINA PENTARI, PAVLINA ROTONDO “Determination of light rare earth elements in geological material by energy dispersive X ray fluorescence spectroscopy. Evaluation of different calibration methods” 11th Aegean Analytical Chemistry Days (AACD 2018) Chania September 2018

28. PENTARI, D. & VAMVOUKA, D. 2019, "Cadmium Removal from Aqueous Solutions Using Nano-Iron Doped Lignite", World Multidisciplinary Earth Sciences Symposium – 2018, Praga, September 2018.

29. DESPINA VAMVOUKA DESPINA PENTARI “Characterization of Ash Materials from Fluidized Bed Combustion of Agricultural Wastes. Effect on System Performance, Environmental Impact and Valorization” ISERD-17, Madrid, October 2017

30. DESPINA PENTARI A, PAVLINA ROTONTOA “Evaluation of Energy Dispersive X-ray Fluorescence Spectroscopy for the Determination of Light Rare Earth Elements in Geological Material” 10th Aegean Analytical Chemistry Days (AACD 2016) Tsanakale, September 2016.

31. CHR. TSEKOS, D. VAMVUKA, S. SFAKIOTAKIS, CHR. MIHAILOF, A. “Kinetic Modeling for the Pyrolysis of Biomass Fuels derived from Oil Crops” European combustion meeting, Budapest April, 2015

32. D. PENTARI, A. TURNAVITOU, G. ALEVIZOS, E. REPOUSKOU, K. KOMNITSAS “Synthesis of nanoscale iron for waste water treatment using red mud as an iron precursor” Geoberlin 2015, Berlin, October 2015

33. D. PENTARI, J. TYPOU, A.E. FOSCOLOS ‘Environmental impact of lignite fly ashes upon recycling to soil” 30th SEGH International Conference, Northumbria University, Newcastle upon Tyne, UK, 30 June to 4 July 2014

34. D. PENTARI, D. VAMVUKA “Investigation of the Environmental impact of Ptolemais lignite and olive tree residues fly ashes upon recycling to soil” 4th International Conference Industrial and Hazardous Waste managment, Crete, October, 2014

35. V. SALTAS, I. FITILIS, F. VALLIANATOS D. PENTARI “Broadband dielectric spectroscopy of muscovite and biotite micas at elevated temperatures” 30th PanHellenic conference on Solid-State Physics and Materials Science 21-24 September, Heraklion, Crete 2014

36. MORAETIS D., PENTARI D., PAPAGIANNIDOU S., PRATIKAKIS A., KOMNITSAS K. ‘The effect of clinoptilolite in potassium release from sandy soil treated with compost’, International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Istanbul, Turkey, September 2013

37. KATSIMICHA D., PENTARI D., PANTELAKI O., AND KOMNITSAS K. “Effect of wet milling on the adsorption capacity of a greek natural zeolite used for the removal of heavy metals from solutions” Bulletin of the Geological Society of Greece, vol. XLVII 2013 Proceedings of the 13th International Congress, Chania, Sept. 2013

38. PENTARI D., REPOUSKOU E., KORELA S., “Removal of metal ions from spiked aqueous solutions using a sorbent produced by slag and red mud”, 9th International Symposium of Environmental Geochemistry, Aveiro, Portugal, July, 2012

39. V. KAPENIS, F.-M. PELLERA, K. ANASTASIADOU, D. PENTARI AND E. GIDARAKOS “Evaluation of asbestos derived zeolite as an adsorbent for Pb(II) and Cd(II) removal from aqueous solutions” 3rd International Conference on Industrial and Hazardous Waste Management, Crete 2012

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43. E. STAMBOLIADIS, O. PANTELAKI, D. PENTARI, E. PANAGIOTARA “Beneficiation of anickeliferous laterite ore from Euboea, Central Greece” Proceedings of the XIIth Mineral Processing Symposium, Cappadocia, Turkey, 6-8 October, 2010

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47. S. ASLANIDOU, N. LYDAKIS-SIMANTIRIS, C. KOTSIFAKI, D. PENTARI, AND E. KATSIVELA “Ferric Chloride (FeCl3) as Regulatory Agent for the Reduction of Hydrogen Sulfide (H2S) in Municipal Wastewater” Proceedings of the International Conference on the Protection and Restoration of the Environment IX, Kefalonia, June 29 - July 3, 2008.

48. V. VOUDOURI, N. LYDAKIS-SIMANTIRIS, D. PENTARI AND E. KATSIVELA “TSP and heavy metals mesourments in the roadside environment of the coastal city of Chania,Greece” European aerosol conference, Austria September 2006

49. D. MORAETIS, V. PERDIKATSIS, D. PENTARI, E. MANUTSOGLU, CH. APOSTOLAKI, AND N.LYDAKIS - SIMANTIRIS “A Study on the Correlation of the Properties of Parent Rock and Soils of Different Geological Origin” Proceedings of the 2nd International Conference on: "Advances in Mineral Resources Management and Environmental Geotechnology", pp 349-354 Chania, Crete, September 2006.

50. N. LYDAKIS - SIMANTIRIS, D. PENTARI, E. KATSIVELA, D. KOUTOULAKIS, V. PERDIKATSIS, AND AIK. PAVLAKI “A Study on the Quality of the Water of the Agyia Springs in Western Crete” Proceedings of 2006 World Congress of Energy, Environment, Ecosystems, Sustainable Development (EEESD'06) pp. 342-347Vouliagmeni Beach, Athens, Greece, July 11-13, 2006.

51. V. PERDIKATSIS, E. KIZLARI, N. PASADAKIS, D. PENTARI “Soil pollution by pesticides in greenhouses in the perfecture of Hania Greece” AMIREG 2006, “Advances in Mineral Resources Management and Environmental Geotechnology” ISBN: 960-89228-1-X, p.717-722, Chania 2006.

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53. D. PENTARI, A.E. FOSCOLOS “Geochemistry of Florina and Elassona coal basins with emphasis on trace elements and elements of environmental concern.” Proceedings of the 1st International Conference on Advances in Mineral Resources Management and Environmental Geotechnology. pp 665-662, Chania, June 2004.

54. D. PENTARI “Evaluation of different analytical methods used for the determination of trace elements in coal ash” 10th International Congress of the Geological Society of Greece, Thessaloniki, April 2004.

ΕΠΙΣΤΗΜΟΝΙΚΗ ΠΑΡΟΥΣΙΑ

Μέλος επιστημονικών ενώσεων:

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Επιστημονική Εταιρεία Τεχνολόγων Ορυκτού Πλούτου

Association of applied Geochemists

Κριτής σε διεθνή επιστημονικά περιοδικά

“Talanta”

“Industrial & Engineering Chemistry Research” “Desalination”

“Journal of the Taiwan Institute of Chemical Engineers” “Colloids and Surfaces B”

“Global Nest”

ΕΙΔΙΚΕΣ ΓΝΩΣΕΙΣ

• Αγγλικά (Proficiency in English as a foreign Language του Πανεπιστημίου Cambridge).

• Γερμανικά (Mittelstufe του ινστιτούτου Goethe).

• Ιταλικά

• Χρήση ηλεκτρονικού υπολογιστή σε περιβάλλον DOS και WINDOWS