CURRICULUM VITAE

Name :	**Vasilios Tzitzios**
Date of Birth :	20 September 1971
Nationality :	Greek
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EDUCATION

1990-1995 B.Sc. Chemistry, Department of Chemistry, Aristotle University of Thessaloniki, Greece.

1995-1997 MSc in Chemical Technology, Department of Chemistry, Aristotle University of Thessaloniki, Greece.

1998-2002 Ph.D focused in Environmental Catalysis, Department of Chemistry, Aristotle University of Thessaloniki, Greece.
Supervisor: T.N. Angelidis, Associate Professor of Chemistry.

RESEARCH EXPERIENCE

1998-2002 Doctorate Thesis: "Study of direct decomposition of N_2O and reduction of N_2O with CO over Ag-Rh and Ag-Pd bimetallic catalysts supported on γ-Al_2O_3.

2003- Postdoctorate Fellow, N.C.S.R. ‘’Demokritos’’, Institute of Materials Science.

RESEARCH INTERESTS

Catalytic processes, environmental catalysis, supported catalysts preparation, metal nanoparticles, magnetic nanoparticles, carbon nanotubes and related nanostructured materials, layered materials, sol-gel derived inorganic supports (SiO_2, Al_2O_3, TiO_2), nanocomposite materials.

FOREIGN LANGUAGES

English

MEMBERSHIPS

1. Greek Chemists Association

PUBLICATIONS

46. Aristides Bakandritsos, George Mattheolabakis, George Chatzikyriakos, Tamas Szabo, **Vasilis Tzitzios**, Dimitris Kouzoudis, Stelios Couris, Konstantinos Avgoustakis, Doxorubicin Nanocarriers Based on Magnetic Colloids with a bio-Polyelectrolyte Corona and High Non-Linear Optical Response: Synthesis, Characterization and Properties, *Advance Functional Materials*, 2011 accepted.

45. **Vasilis Tzitzios**, Georgia. Basina, Levent Colak, Dimitrios. Niarchos, and George Hadjipanayis, Direct chemical synthesis of $L1_0$ FePt nanoparticles, *Journal of Applied Physics*, 2010 accepted.

44. **V. Tzitzios**, G. Basina, D. Niarchos, Wanfeng Li and G. Hadjipanayis, Synthesis of air stable FeCo nanoparticles, *Journal of Applied Physics*, 2010 accepted.

43. H. Khurshid, **V. Tzitzios**, Wanfeng Li,C. G. Hadjipanayis,and G. C. Hadjipanayis, *Journal of Applied Physics* 107, (2010) 09A333. http://jap.aip.org/resource/1/japiau/v107/i9/p09A333_s1

42. George Cordogyiannis, Patricia Losada-Perez, Chandra Shekhar Pati Tripathi, Brigita Rozic, Uros Tkalec, **Vassilios Tzitzios**, Eva Karatairi, George Nounesis, Zdravko Kutnjak, Igor Musevic, Christ Glorieux Samo Krali and Jan Thoen, *Liquid Crystals*, 37(11), 2010, 1419-1426.
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http://pubs.rsc.org/en/Content/ArticleLanding/2010/JM/c0jm00061b

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37. Panagiotopoulos, I., Basina, G., Alexandrakis, V., Devlin, E., Hadjipanayis, G., Colak, L., Niarchos, D., **Tzitzios, V**. *Journal of Physical Chemistry C*, 113 (33), (2009) 14609-14614. http://pubs.acs.org/doi/abs/10.1021/jp8085446

36. Panagiotopoulos, I., Alexandrakis, V., Basina, G., Pal, S., Srikanth, H., Niarchos, D., Hadjipanayis, G., **Tzitzios, V**. *Crystal Growth and Design*, 9 (8), (2009) 3353-3358. http://pubs.acs.org/doi/abs/10.1021/cg8006487

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