

<i>Name</i>	Orestis Kalogirou www.people.auth.gr/kalogiro
<i>Position</i>	Professor, Director at Laboratory of Magnetism & Magnetic Materials President of the Hellenic NARIC (National Academic Recognition & Information Centre)
<i>Studies</i>	Ph.D. Physics, Dept. of Physics, Aristotle University of Thessaloniki, 1988 B.Sc. Physics, Dept. of Physics, Aristotle University of Thessaloniki, 1983
<i>Scientific expertise</i>	Magnetic nanoparticles for biomedical applications (magnetic particle hyperthermia, MRI contrast agents, magneto-mechanical cell stress); rare-earth-transition-metal intermetallics for permanent magnet applications; superionic conductors.
<i>Research activities</i>	- 113 publications in peer reviewed journals - 19 publications in peer reviewed proceedings volumes - 134 international conference presentations - >2000 non-self-citations; h-index=25 - >20 invited talks - Principle Investigator in 10 R&D projects - Participation in 17 R&D projects - Member of Organizing Committee in 9 conferences - Co-chairman Joint European Magnetic Symposia (JEMS 2013) - Referee in peer reviewed journals (>200 papers) - Reviewer of R&D proposals for FP7, Austrian Science Fund, Romanian National Council for Research & Development, Fondo Nacional de Desarrollo Científico y Tecnológico de Chile (FONDECYT), Greek Secretary for Research & Technology, IKY - Supervisor in 10 PhD Theses - Supervisor in 26 MSc Theses - Member of the advisory board in 10 PhD Theses
<i>Five most important publications</i>	1. O. Kalogirou, V. Psycharis, L. Saettas and D. Niarchos, "Existence range structural and magnetic properties of $\text{Nd}_3\text{Fe}_{27.5}\text{Ti}_{1.5-y}\text{Mo}_y$ and $\text{Nd}_3\text{Fe}_{27.5}\text{Ti}_{1.5-y}\text{Mo}_y\text{N}_x$ ($0.0 \leq y \leq 1.5$)", J. Magn. Magn. Mater. 146, 335 (1995) (170 non-self-citations) 2. V.G. Harris, Y. Chen, A. Yang, S. Yoon, Z. Chen, A. Geiler, C.N. Chinnasamy, L.H. Lewis, C. Vittoria, E.E Carpenter, K. Carroll, R. Goswami, M.A. Willard, L. Kurihara, M. Gjoka and O. Kalogirou, "High coercivity cobalt carbide nanoparticles processed via polyol reaction: A new permanent magnet material", J. Phys. D: Appl. Phys. 43,165003 (2010) (107 non-self-citations) 3. A. Chalkidou, K. Simeonidis, M. Angelakeris, Th. Samaras, C. Martinez-Boubeta, Ll. Balcells, K. Papazisis, C. Dendrinou-Samara and O. Kalogirou "Magnetic mediated hyperthermia for cancer treatment by Fe/MgO nanoparticles" J. Magn. Magn. Mater. 323, 775 (2011) (86 non-self-citations) 4. G.Z. Kyzas, N.A. Travlou, O. Kalogirou and E.A. Deliyanni "Magnetic Graphene Oxide: Effect of preparation on Reactive Black 5 adsorption" Materials 6, 1360 (2013) (115 non-self-citations) 5. E. Myrovali, N. Maniotis, A. Makridis, A. Terzopoulou, V. Ntomprougkidis, K. Simeonidis, D. Sakellari, O. Kalogirou, T. Samaras, R. Salikhov, M. Spasova, M. Farle, U. Wiedwald and M. Angelakeris "Arrangement at the nanoscale: Effect on magnetic particle hyperthermia" Scientific Reports 6 art. no 37934 (2016) (136 non-self-citations)