

ΔΗΜΟΣΙΕΥΣΕΙΣ ΣΕ ΔΙΕΘΝΗ ΕΠΙΣΤΗΜΟΝΙΚΑ ΠΕΡΙΟΔΙΚΑ.

1. ***“Impact of synthesis parameters on structural and magnetic characteristics of Co-based nanoparticles”***
S. Mourdikoudis, K. Simeonidis, I. Tsiaoussis, C. Dendrinou-Samara, M. Angelakeris, O. Kalogirou
J. Nanopart. Res. **11** (2009) 1477-1484.
2. ***“Magnetic Force Microscopy on Co/Pt multilayers”***
V. Karoutsos, P. Pouloupoulos, M. Angelakeris, E.Th. Papaioannou, P. Fumagalli and N.K. Flevaris
Solid State Phenomena **152-153** (2009) 241-244.
3. ***“Controlling the crystal structure of Ni nanoparticles by the use of alkylamines”***
S. Mourdikoudis, K. Simeonidis, A. Vilalta-Clemente, F. Tuna, I. Tsiaoussis, M. Angelakeris, C. Dendrinou-Samara and O. Kalogirou
J. Magn. Magn. Mater. **321** (2009) 2723–2728.
4. ***“Tailoring the morphology of Co_xPt_{1-x} magnetic nanostructures”***
S. Mourdikoudis, K. Simeonidis, K. Gloystein, M. Angelakeris, C. Dendrinou-Samara, I. Tsiaoussis and O. Kalogirou
J. Magn. Magn. Mater. **321** (2009) 3120-3125.
5. ***“Influence of multilayer modulation on structural and magnetic features in the Pt/Sm-Co system”***
M. Angelakeris, I. Siskos, K. Simeonidis, I. Tsiaoussis, A. Delimitis and O. Kalogirou
J. Magn. Magn. Mater. **321** (2009) 3155–3158.
6. ***“Effects of various chemical synthetic routes on structural and magnetic features of Mn–Pt bimetallic nanoparticles”***
S. Mourdikoudis, A. Shavel, B. Rodríguez-González, C. Serra, K. Simeonidis, M. Angelakeris, C. Dendrinou-Samara, O. Kalogirou
Polyhedron **28** (2009) 3284-3290.
7. ***“A random matrix approach to Language acquisition”***
A. Nikolaidis, K. Kosmidis and P. Argyrakis
Journal of Statistical Mechanics-Theory and Experiment **P12008** (2009).
8. ***“Absence of depletion zone effects for the trapping reaction in complex networks”***
A. Kittas and P. Argyrakis

Physical Review E **80** (2009) 046111.

9. **“Negative diffusion coefficient in a two-dimensional lattice-gas system with attractive nearest neighbor interactions”**
P. Argyrakis, A. A. Chumak, M. Maragakis and N. Tsakiris
Physical Review B **80** (2009) 104203.
10. **“Filtering of complex systems using overlapping tree networks”**
A. Garas and P. Argyrakis
Europhysics Letters **86** (2009) 28005.
11. **“Effect of AlN interlayers in the structure of GaN-on-Si grown by plasma-assisted MBE”**
A. Adikimenakis, S.-L. Sahonta, G. P. Dimitrakopoulos, J. Domagala, Th. Kehagias, Ph. Komninou, E. Iliopoulos, and A. Georgakilas
Journal of Crystal Growth **311** (7) 2010 (2009)
12. **“Stranski-Krastanow growth of (11-22)-oriented GaN/AlN quantum dots”**
L. Lahourcade, S. Valdueza-Felip, T. Kehagias, G. P. Dimitrakopoulos, Ph. Komninou, and E. Monroy
Applied Physics Letters **94** (11) 111901 (2009)
13. **“Study of interfacial defects in uced during the oxidation of ultrathin strained silicon layers”**
V. Ioannou-Souglideridis , N. Kelaidis, C. Tsamis, D. Skarlatos, C. A. Krontiras, and S. N. Georga, Ph. Komninou, B. Kellerman and M. Seacrist
Journal of Applied Physics **105** (11) 114503 (2009)
14. **“Mechanism of compositional modulations in epitaxial InAlN films grown by molecular beam epitaxy”**
S.-L. Sahonta, G. P. Dimitrakopoulos, Th. Kehagias, J. Kioseoglou, A. Adikimenakis, E. Iliopoulos, A. Georgakilas, H. Kirmse, W. Neumann, and Ph. Komninou
Applied Physics Letters **95** (2) 021913 (2009)
15. **“Magnesium adsorption and incorporation in InN (0 0 0 1) and (000-1) surfaces: A first-principles study”**
A. Belabbes, J. Kioseoglou, Ph. Komninou, G.A. Evangelakis, M. Ferhat, Th. Karakostas
Applied Surface Science **255** (20) 8475 (2009)
16. **“Core models of a-edge threading dislocations in wurtzite III (Al, Ga, In)-**

Nitrides

J. Kioseoglou, Ph Komninou and Th Karakostas

Physica Status Solidi (a) **206 (8)** 1931 (2009)

17. ***“Polar AlN/GaN interfaces: Structures and energetics”***

J. Kioseoglou, E. Kalesaki, L. Lymperakis, G. P. Dimitrakopoulos, Ph. Komninou, and Th. Karakostas

Physica Status Solidi (a) **206 (8)** 1892 (2009)

18. ***“Indium migration paths in V-defects of InAlN grown by metal-organic vapor phase epitaxy”***

Th. Kehagias, G. P. Dimitrakopoulos, J. Kioseoglou, H. Kirmse, C. Giesen, M. Heuken, A. Georgakilas, W. Neumann, Th. Karakostas, and Ph. Komninou

Applied Physics Letters **95 (7)** 071905 (2009)

19. ***“Strain accommodation and interfacial structure of AlN interlayers in GaN”***

G. P. Dimitrakopoulos, E. Kalesaki, Ph. Komninou, Th. Kehagias, J. Kioseoglou and Th. Karakostas

Crystal Research and Technology **44 (10)** 1170 (2009) (invited)

20. ***“Silver nanoparticles and graphitic carbon through thermal decomposition of a silver/acetylenedicarboxylic salt”***

P. Dallas, A. B.Bourlinos, P. Komninou, M. Karakassides, and D. Niarchos

Nanoscale Research Letters **4 (11)** 1358 (2009)

21. ***“Metal-containing amorphous Carbon (a-C:Ag) and AlN (AlN:Ag) metallo-dielectric nanocomposites”***

G.M. Matenoglou, H. Zoubos, A. Lotsari, Ch.E. Lekka, Ph. Komninou, C. Kosmidis, G.A. Evangelakis, P. Patsalas

Thin Solid Films **518 (5)** 1508 (2009)

22. ***“Energetics of oxygen adsorption and incorporation at InN polar surface: A first-principles study”***

A. Belabbes, J. Kioseoglou, Ph. Komninou and Th. Karakostas

Physica Status Solidi (c) **6 (2)** 364 (2009)

23. ***“ZnO nanostructures grown on epitaxial GaN”***

M. Breedon, Th. Kehagias, M. Shafiei, K. Kalantar-zadeh, W. Wlodarski

Thin Solid Films **518** 1053 (2009)

24. ***“Atomic force microscopy probing platelet activation behavior on titanium nitride***

nanocoatings for biomedical applications”

Karagkiozaki, V., Logothetidis, S., Kalfagiannis, Lousinian, S., Giannoglou, G.
Nanomedicine: Nanotechnology, Biology, and Medicine **5 (1)** (2009) 64-72

25. ***“Thin film and interface properties during ZnO deposition onto high-barrier hybrid/PET flexible substrates”***
C. Koidis, S. Logothetidis, A. Laskarakis, I. Tsiaoussis, N. Frangis
Micron **40 (1)** (2009) 130-134.
26. ***“Different nanostructures identified in boron nitride thin films grown on Si (100) by rf magnetron sputtering”***
N. Frangis, I. Tsiaoussis, Y. Panayiotatos, S. Logothetidis
Diamond and Related Materials **18 (1)** (2009) 6-12.
27. ***“Femtosecond laser ablation characteristics of nickel-based superalloy C263”***
Semaltianos, N.G., Perrie, W., French, P., Sharp, M., Dearden, G., Logothetidis, S.,
Watkins, K.G.
Applied Physics A: Materials Science and Processing **94 (4)** (2009) 999-1009
28. ***“CdTe nanoparticles synthesized by laser ablation”***
Semaltianos, N.G., Logothetidis, S., Perrie, W., Romani, S., Potter, R.J., Sharp, M.,
French, P., Watkins, K.G.
Applied Physics A: Materials Science and Processing **95 (3)** (2009) 641-647.
29. ***“II–VI semiconductor nanoparticles synthesized by laser ablation”***
N. G. Semaltianos, S. Logothetidis, W. Perrie, S. Romani, R. J. Potter, M. Sharp, P
French, G. Dearden and K. G. Watkins
Applied Physics A: Materials Science and Processing **94 (3)** (2009) 641-647.
30. ***“Migration of species in a prototype diffusion barrier: Cu, O, and H in TiN”***
L. Tsetseris, S. Logothetidis, and S. T. Pantelides
Appl. Phys. Lett. **94 (16)** 161903 (2009)
31. ***“Special Issue: International Symposium on Flexible Organic Electronics (IS-FOE)”***
S. Logothetidis
European Physical Journal Applied Physics **46 (1)** 12501 (2009)
32. ***“Towards the optimization of materials and processes for flexible organic electronic devices”***
S. Logothetidis, A. Laskarakis

European Physical Journal Applied Physics **46 (1)** 12502 (2009)

33. **“Fine tuning of PEDOT electronic properties using solvents”**
C. Gravalidis, A. Laskarakis and S. Logothetidis
European Physical Journal Applied Physics **46 (1)** 12505 (2009)
34. **“Optical and surface characterization of amorphous boron nitride thin films for use as blood compatible coatings”**
S. Lousinian, N. Kalfagiannis and S. Logothetidis
Solid State Sciences **11(10)** (2009) 1801-1805.
35. **“Nanoscale Characterization of Biological and Mechanical Profile of Carbon Stent Nanocoatings”**
V. Karagkiozaki, S. Logothetidis, S. Kassavetis and S. Lousinian
European Journal of Nanomedicine **2 (2)** (2009) 14-21.
36. **“Real-time evaluation of thickness, optical properties and stoichiometry of SiO_x gas barrier coatings on polymers”**
M. Gioti, S. Logothetidis, J. Schroeder, G. Steiniger
Thin Solid Films **517 (23)** (2009) 6230-6233.
37. **“On the influence of silicon oxide nanoparticles on the optical and surface properties of hybrid (inorganic–organic) barrier materials”**
A. Laskarakis, S. Logothetidis, D. Georgiou, S. Amberg-Schwab, U. Weber
Thin Solid Films **517 (23)** (2009) 6275-6279.
38. **“Deposition and characterization of PEDOT/ZnO layers onto PET substrates”**
M. Garganourakis, S. Logothetidis, C. Pitsalidis, D. Georgiou, S. Kassavetis, A. Laskarakis
Thin Solid Films **517 (23)** (2009) 6409-6413.
39. **“Ultra sharp Berkovich indenter used for nanoindentation studies of TiB₂ thin films”**
I. Zyganitidis, N. Kalfagiannis, S. Logothetidis
Materials Science and Engineering B, **165 (3)** (2009) 198-201.
40. **“Optical properties of hybrid polymers as barrier materials”**
D. Georgiou, A. Laskarakis, S. Logothetidis, S. Amberg-Scwhab, U. Weber, M. Schmidt, K. Noller I.
Applied Surface Science; **255 (18)** (2009) 8023-8029.

41. ***“Study of the growth of inorganic and organic electrodes onto polyethylene terephthalate substrates”***
M. Garganourakis, S. Logothetidis, C. Pitsalidis, N.A. Hastas, K. Breza, A. Laskarakis, N. Frangis
Thin Solid Films **518 (4)** (2009) 1124-1128.

42. ***“Study of the optical response of hybrid polymers with embedded inorganic nanoparticles for encapsulation of flexible organic electronics”***
A. Laskarakis, D. Georgiou, S. Logothetidis, S. Amberg-Scwhab, U. Weber
Materials Chemistry and Physics **115 (1)** (2009) 269-274.

43. ***“Organic against inorganic electrodes grown onto polymer substrates for flexible organic electronics applications”***
S. Logothetidis, A. Laskarakis
Thin Solid Films **518 (4)** (2009) 1245-1249.

44. ***“Influence of Oscillating Flow on LDL Transport and Wall Shear Stress in the Normal Aortic Arch”***
J. Soulis, D. Giannoglou, M. Dimitrakopoulou, V. Papaioannou, S. Logothetidis and D.P. Michailidis
Open Cardiovasc Med J. **17(3)** (2009) 128-42.

45. ***“On the Pentaheptite Nanotubes”***
M. Damnjanović , Z. Popović , G. Volonakis , S. Logothetidis , I. Milošević
Materials and Manufacturing Processes **24 (10-11)** (2009) 1124-1126.

46. ***“Physical Properties of a Hybrid and a Nanohybrid Dental Light-Cured Resin Composite”***
Sideridou ID., Karabela M., Micheliou CN., Karagiannidis PG., Logothetidis S.
Journal of biomaterials science-polymer edition **20 (13)** (2009) 1831-1844.

47. ***“Real-time evaluation of thickness, optical properties and stoichiometry of SiOx gas barrier coatings on polymers“***
M. Gioti, S. Logothetidis, J. Schroeder, G. Steiniger
Thin Solid Films **517** (2009) 6230–6233.

48. ***“On the structured imperfections of bulk GaSb using high resolution transmission electron microscopy”***
Lioutas Ch.B., Zoulis G., Konidaris S., Polychroniadis E.K., Stroz D.,
Micron, **40 (1)** (2009) 6-10.

49. ***“A TEM Study of Inversion Domain Boundaries Annihilation Mechanism in 3C-SiC During Growth”***
Mantzari A., Lioutas Ch.B., Polychroniadis E.K.
Mater. Sci. Forum **615-617** (2009) 331-334.
50. ***“High pressure Raman study of carotene-encapsulating single-wall carbon nanotubes”***
J. Arvanitidis, D. Christofilos, S. M. Souliou, K. Yanagi, H. Kataura, G. A. Kourouklis, and S. Ves
Phys. Stat. Sol, (b) **246**, (2009) 496-499, DOI: 10.1002/pssb.200880518
51. ***“Lattice dynamics and Raman scattering by phonons of GaAs/AlAs(001) superlattices”***
D Berdekas and S Ves
J. Phys.: Condens. Matter. **21**, 275405-1-275405-14, (2009).doi/10.1088/0953-8984/21/27/275405
52. ***“High Pressure Raman Spectroscopy in Carbon Nanotubes”***
Kourouklis GA, Arvanitidis J, Christofilos D, Ves S.
ACTA PHYSICA POLONICA A **116 (1)** (2009) 13-18.
53. ***“High-pressure Raman study of peapod- and CVD-grown double-wall carbon nanotubes”***
Arvanitidis J, Christofilos D, Kourouklis GA, Ves S, Takenobu T, Iwasa Y, Kataura H
HIGH PRESSURE RESEARCH **29**, (2009) 554-558.
54. ***“Effect of annealing on the structural role of Fe in composite Fe- and Zn-rich materials: a XAFS study”***
F. Pinakidou, M. Katsikini, Th. Kehagias and E.C. Paloura
Journal of Alloys and Compounds **483** (2009) 665.
55. ***“X-ray absorption Spectroscopies: a novel tool for the nanostructural characterization of stabilized industrial waste”***
F. Pinakidou and E.C. Paloura
Journal of Alloys and Compounds **483** (2009) 670.
56. ***“Zn-K edge EXAFS study of human nails”***
M. Katsikini, E. Mavromati, F. Pinakidou, E. C. Paloura, D. Gioulekas
Journal of Physics: Conference Series **190**, 12204 (2009).

57. **“N-K edge NEXAFS study of the defects induced by indium implantation in GaN”**
M. Katsikini, F. Pinakidou, E. C. Paloura et al
Journal of Physics: Conference Series **190** (2009)
58. **“On the nanostructure of Cu in Ti_xCu_{1-x} and TiN/Cu films: a XAFS study”**
F. Pinakidou, M. Katsikini, P. Patsalas, G. Abadias, E.C. Paloura
Journal of Nano Research **6** (2009) 43
59. **“n-p transformation in $TlBi_{(1-x)}Sb_xTe_2$ system”**
K.M. Paraskevopoulos, E.S. Vinga, E. Hatzikraniotis, M. Ozer, A. Anagnostopoulos, E.K. Polychroniadis.
J. of Alloys and Compounds **467**, 65 (2009).
60. **“Far infrared properties of sintered $Pb_{0.9}Sn_{0.1}Te$ doped with Palladium”**
P. M. Nikolić, K. M. Paraskevopoulos, M. V. Nikolić, S. S. Vujatović, E. Pavlidou, T. T. Zorba, T. Ivetić, B. Stamenović, N. Labus, M. Jović, M. M. Ristić
Powder Metallurgy and Metal Ceramics **48**, 353 (2009)
61. **“Synthetic Conditions and Their Doping Effect on β - $K_2Bi_8Se_{13}$ ”**
Th. Kyratsi, E. Kika, E. Hatzikraniotis, K.M. Paraskevopoulos, K. Chrissafis, M.G. Kanatzidis
Journal of Alloys and Compounds **474**, 351 (2009).
62. **“Far Infrared study of impurity local modes in Palladium doped PbTe and PbSnTe”**
P.M. Nikolić, K.M. Paraskevopoulos, S.R. Djukic, S.S. Vujatović, N.J. Labus, T.T. Zorba, M. Jović, M.V. Nikolić, A. Bojic, V. Blagojević, B. Stamenovic, W. König
Journal of Alloys and Compounds **475**, 930 (2009)
63. **“Dental ceramics modified by ternary glass-ceramic coatings: Characterization and in vitro bioactivity study”**
X. Chatzistavrou, N. Kantiranis, L. Papadopoulou, E. Kontonasaki, A.R. Boccaccini, P. Koidis, K.M. Paraskevopoulos
Key Engineering Materials **111** (2009), 396-398.
64. **“Sol-gel hydroxyapatite–CaO composites: Fabrication and Bioactivity Studies”**
E. Hatzistavrou, X. Chatzistavrou, L. Papadopoulou, N. Kantiranis, K. Chrissafis, A.R. Boccaccini, K.M. Paraskevopoulos
Key Engineering Materials **99** (2009) 396-398.
65. **“Novel glass-ceramics for dental application by sol gel technique”**

- X. Chatzistavrou, E. Hatzistavrou, N. Kantiranis, L. Papadopoulou, E. Kontonasaki, K. Chrissafis, P. Koidis, K.M. Paraskevopoulos, A.R. Boccaccini
Key Engineering Materials **153** (2009) 396-398.
66. **“Study of the Bioactive Behavior of Thermally Treated modified 58S Bioactive Glass”**
O.M. Goudouri, X. Chatzistavrou, E. Kontonasaki, N. Kantiranis, L. Papadopoulou, K. Chrissafis, K.M. Paraskevopoulos
Key Engineering Materials **131** (2009) 396-398.
67. **“A bioactive glass/dental porcelain system by the sol gel route: Fabrication and Characterization”**
O.M. Goudouri, E. Kontonasaki, N. Kantiranis, X. Chatzistavrou, L. Papadopoulou, P. Koidis, K.M. Paraskevopoulos
Key Engineering Materials **95** (2009) 396-398.
68. **“Investigation of the bioactivity of dental ceramic / bioactive glass composites prepared by the sol gel route”**
O.M. Goudouri, E. Kontonasaki, X. Chatzistavrou, L. Papadopoulou, P. Koidis, K.M. Paraskevopoulos
Key Engineering Materials **119** (2009) 396-398.
69. **“Far infrared study of impurity local modes in Pr doped PbTe”**
P.M. Nikolić, K.M. Paraskevopoulos, M.V. Nikolić, S.S. Vujatović, T.T. Zorba, X. Chatzistavrou, B. Stamenović, D. Luković Golić, V. Blagojević, A. Bojičić
Materials Chemistry and Physics **114** (2009) 185.
70. **“Thermal Degradation Mechanism of HDPE nanocomposites containing fumed silica nanoparticles”**
K. Chrissafis, K.M. Paraskevopoulos, E. Pavlidou, D. Bikiaris
Thermochimica Acta **65** (2009) 485.
(11 in Top25 Hottest Articles, January- March 2009)
71. **“Bioactivity of CaO–MgO–SiO₂ glass ceramics synthesized using Transferred arc plasma (TAP) process”**
C.P. Yoganand, V. Selvarajan, Luca Lusvarghi, O.M. Goudouri, K.M. Paraskevopoulos, Mahmoud Rouabhia
Materials Science and Engineering C **29** (2009) 1759.
72. **“Thermoelectric Properties and Nanostructuring in the p-type Materials NaPb_{18-x}Sn_xMTe₂₀ (M=Sb, Bi)”**

A.Gueguen, P. Poudeu, H. Kong, S. Moses, C. Uher, J.Q. He, V. Dravid, K. Paraskevopoulos, and M.G. Kanatzidis
Chemistry of Materials **21** (2009) 1683

73. **“Optical properties of PbTe and PbSnTe doped with Cr”**
P.M. Nikolic, K.M. Paraskevopoulos, S.S. Vujatovic, M.V. Nikolic, X. Chatzistavrou, E. Pavlidou, T. Ivetic, V. Blagojevic, A. Bojicic, D. Dinulovic
J. of Alloys and Compounds **480** (2009) 893.
74. **“Kinetics Study of cold-crystallization of poly(ethylene terephthalate) nanocomposites with multi-walled carbon nanotubes”**
G. Antoniadis, K.M. Paraskevopoulos, D. Bikiaris, K. Chrissafis
Thermochimica Acta **68** (2009) 493.
75. **“Comparative study of the effect of different nanoparticles on the mechanical properties, permeability and thermal degradation mechanism of HDPE”**
K. Chrissafis, K.M. Paraskevopoulos, I. Tsiaoussis, D. Bikiaris
Journal of the Applied Polymer Science **114** (2009), 1606
76. **“Far infrared study of some rare earth impurities in crystals of Pb_{1-x}Sn_x alloys”**
P. M. Nikolic, K. M. Paraskevopoulos, M. V. Nikolic, B. Stamenovic, T. T. Zorba, S. S. Vujatovic, V. Blagojevic, A. Bojicic
Journal of Optoelectronics and Advanced Materials **11** (2009) 457
77. **“Melt-crystallization mechanism of Poly(ethylene terephthalate)/Multi-Walled Carbon Nanotubes (PET/MWCNTs) prepared by in-situ polymerization”**
G. Antoniadis, K. M. Paraskevopoulos, D. Bikiaris, K. Chrissafis
Journal of Polymer Science Part B: Polymer Physics **47** (2009) 1452.
78. **“Sintering and crystallization of 45S5 Bioglass powder”**
Oana Bretcanu, Xanthippi Chatzistavrou, Konstantinos M. Paraskevopoulos, Reinhard Conradt, Ian Thompson, Aldo R. Boccaccini
Journal of the European Ceramic Society **29** (2009) 3299
79. **“Pseudomonas A1 influences the formation of hydroxyapatite and degrades bioglass”**
E. Papadopoulou, L. Papadopoulou, K.M. Paraskevopoulos, P. Koidis, A. Sivropoulou
Materials Science and Engineering B **165** (2009) 239.
80. **“Arsenate-bearing natural schwertmannite-type phase in acid mine drainage**

(AMD) precipitates from N. Greece”

A. Godelitsas, J. Gottlicher, D. Foustoukos, I. Sanakis, K. Chrissafis, Th. Kehagias, T. Zorba, K.M. Paraskevopoulos
Geochimica et Cosmochimica Acta **73** (2009) A443

81. ***“Structural Analysis of Zn₂TiO₄ doped with MgO”***

M. V. Nikolic, N. Obradovic, K. M. Paraskevopoulos, T. T. Zorba, S. M. Savic, and M. M. Ristic
Powder Metallurgy and Metal Ceramics **48** (2009) 712.

82. ***“Combined structural and optical studies of stacking faults in 4H-SiC layers grown by chemical vapour deposition”***

M. Marinova, T. Robert, S. Juillaguet, I. Tsiaoussis, N. Frangis, E.K. Polychroniadis, J. Camassel, T. Chassagne
Physica Status Solidi (A) **206** (2009) 1924-1930

83. ***“Study of the 3C-SiC nucleation from a liquid phase on a C face 6H-SiC substrate”***

O. Kim-Hak, G. Ferro, J. Dazord, M. Marinova, J. Lorenzzi, E. Polychroniadis, P. Chaudouët, D. Chaussende, P. Miele
J. Crystal Growth **311** (2009) 2385-2390

84. ***“A TEM study of in-grown stacking faults in 3C-SiC layers grown by CF-PVT on 4H-SiC substrates”***

M. Marinova, F. Mercier, A. Mantzari, I. Galben, D. Chaussende, E. K. Polychroniadis
Physica B: Condensed Matter **404** (2009) 4749-4751

85. ***“Defect-induced polytype transformations in LPE grown SiC epilayers on (111) 3C-SiC seeds grown by VLS on 6H-SiC”***

M. Marinova, G. Zoulis, T. Robert, F. Mercier, A. Mantzari, I. Galben, O. Kim-Hak, J. Lorenzzi, S. Juillaguet, D. Chaussende, G. Ferro, J. Camassel, E. K. Polychroniadis
Physica B: Condensed Matter **404** (2009) 4727-4730

86. ***“Oxidation behaviour of precipitation hardened steel TG, X-Ray, XRD and SEM study”***

Vourlias, G., Pistofidis, N., Pavlidou, E., Chrissafis, K.
Journal of Thermal Analysis and Calorimetry **95** (1) 2009. 63-68

87. ***“Comparative examination of the microstructure and high temperature oxidation performance of NiCrBSi flame sprayed and pack cementation coatings”***

- Chaliampalias, D., Vourlias, G., Pavlidou, E., Skolianos, S., Chrissafis, K., Stergioudis, G.
Applied Surface Science **255** (6) (2009) 3605-3612.
88. ***“Examination of the oxidation resistance of high-alloyed tool steels at elevated temperatures”***
Chaliampalias, D., Vourlias, G., Pavlidou, E., Stergioudis, G., Chrissafis, K.
Applied Surface Science **255** (12) (2009) 6244-6251
89. ***“Phytochemical analysis of young fustic (*Cotinus coggygria* heartwood) and identification of isolated colourants in historical textiles”***
Valianou, L., Stathopoulou, K., Karapanagiotis, I., Magiatis, P., Pavlidou, E., Skaltsounis, A.-L., Chrysosoulakis, Y.
Analytical and Bioanalytical Chemistry **394** (3), (2009) 871-882.
90. ***“Reinforcement of Al-Fe-Ni alloys with the in situ formation of composite materials”***
G. Vourlias, N. Pistofidis, E. Pavlidou, G. Stergioudis.
Journal of Alloys and Compounds **483** (1-2) (2009) 178-181.
91. ***“Nano-phenomena during exposure of plasma-sprayed ceria stabilised zirconia coatings to oxygen rich environments”***
G. Vourlias, N. Pistofidis, P. Psyllaki, E. Pavlidou, G. Stergioudis K. Chrissafis
Journal of Alloys and Compounds **483** (1-2) (2009) 378-381.
92. ***“Plasma-Sprayed YSZ coatings: Microstructural features and resistance to molten metals”***
G. Vourlias, N. Pistofidis, P. Psyllaki, E. Pavlidou, G. Stergioudis, K. Chrissafis.
Journal of Alloys and Compounds **483** (1-2) (2009) 382-385.
93. ***“Rapid thermal annealing temperature dependence of noise properties in Au/n-GaAs Schottky diodes with embedded InAs quantum dots in asymmetric $In_{0.2}Ga_{0.8}As$ wells”***
N. Arpatzanis, N.A. Hastas, C.A. Dimitriadis, G. Konstantinidis, C. Charitidis, J.D. Song, W.J. Choi, and J.I. Lee
Physica Status Solidi B, **246** (2009) 880.
94. ***“Backscattering coefficient and drift-diffusion mobility extraction in short channel MOS devices”***
Pappas, I., Ghibaudo, G., Dimitriadis, C.A., Fenouillet-Béranger, C.
Solid-State Electronics **53** (1) (2009) 54-56

95. ***“Experimental characterization of the subthreshold leakage current in triple-gate FinFETs “***
A. Tsormpatzoglou, C. A. Dimitriadis, M. Mouis, G. Ghibaudo, N. Collaert
Solid-State Electronics **53** (2009) 359-363.
96. ***“A compact drain current model of short-channel cylindrical gate-all-around MOSFETs”***
A. Tsormpatzoglou, D.H. Tassis, C. A. Dimitriadis, G. Ghibaudo, G. Pananakakis and R. Clerc,
Semicon. Sci. Technol. **24** (2009) 075017
97. ***“A light-impact model for p-type and n-type poly-TFTs”***
N.P. Papadopoulos, A.A. Hatzopoulos, D.K. Papakostas, R. Picos, C.A.Dimitriadis, S. Siskos
J. Display Techn. **50** (2009) 265
98. ***“Electrical characterization and design optimization of FinFETs with TiN/HfO₂ gate stack”***
A. Tsormpatzoglou, D. H. Tassis, C. A. Dimitriadis, M. Mouis, G. Ghibaudo, G. and N. Collaert
Semicond. Sci. Technol. **24** (2009) 125001
99. ***“Kinetics of thermal degradation of polymers: Complementary use of isoconversional and model-fitting methods”***
K. Chrissafis
J. Therm. Anal. Calorim. **95** 273 (2009)
100. ***“In-situ prepared PBSu/SiO₂ nanocomposites. Study of thermal degradation mechanism”***
A. Vassiliou, K. Chrissafis, D.N. Bikiaris
Thermochim Acta **495** 120 (2009)

ΣΥΜΜΕΤΟΧΕΣ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΑ ΣΥΝΕΔΡΙΑ.

α) Δημοσιεύσεις σε τόμους πρακτικών Διεθνών Συνεδρίων με κριτές.

1. **“Multifunctional Core-Shell Fe-MgO Nanospheres for biomedicine”**
C. Martinez-Boubeta, Ll. Balcells, R. Cristòfol, C. Sanfeliu, M. Angelakeris, C. Monty, B. Martínez
in NanoSpain 2009, Zaragoza-Spain, 09-12 March 2009.
2. **“Interface Controlled Nucleation and Crystallization for Nanoparticle Synthesis, Part I”**
C. Bocker, R. Wurth, M. Dittmer, S. Gerlach, C. Russel, Th. Hoche, S. Bhattacharyya, A. de Pablos-Martin, N. Hemono, F. Munoz, M.J. Pascual, A. Duran, I. Avramov, P. Argyrakis, N. Tsakiris, U. Fotheringham
JNCS, Foz de Iguazu, Brazil, September 6-13, 2009
3. **“Interface Controlled Nucleation and Crystallization for Nanoparticle Synthesis, Part II”**
C. Bocker, R. Wurth, M. Dittmer, S. Gerlach, C. Russel, Th. Hoche, S. Bhattacharyya, A. de Pablos-Martin, N. Hemono, F. Munoz, M.J. Pascual, A. Duran, I. Avramov, P. Argyrakis, N. Tsakiris, U. Fotheringham
JNCS, Foz de Iguazu, Brazil, September 6-13, 2009
4. **“Interface Controlled Nucleation and Crystallization for Nanoparticle Synthesis, Part I”**
C. Bocker, R. Wurth, M. Dittmer, S. Gerlach, C. Russel, Th. Hoche, S. Bhattacharyya, A. de Pablos-Martin, N. Hemono, F. Munoz, M.J. Pascual, A. Duran, I. Avramov, P. Argyrakis, N. Tsakiris, U. Fotheringham
PACRIM 2009, Vancouver, Canada, June 3, 2009
5. **“Interface Controlled Nucleation and Crystallization for Nanoparticle Synthesis, Part II”**
C. Bocker, R. Wurth, M. Dittmer, S. Gerlach, C. Russel, Th. Hoche, S. Bhattacharyya, A. de Pablos-Martin, N. Hemono, F. Munoz, M.J. Pascual, A. Duran, I. Avramov, P. Argyrakis, N. Tsakiris, U. Fotheringham
PACRIM 2009, Vancouver, Canada, June 3, 2009
6. **“Interface Controlled Nucleation and Crystallization for Nanoparticle Synthesis”**
C. Bocker, R. Wurth, M. Dittmer, S. Gerlach, C. Russel, Th. Hoche, S. Bhattacharyya, A. de Pablos-Martin, N. Hemono, F. Munoz, M.J. Pascual, A. Duran, I. Avramov, P. Argyrakis, U. Fotheringham

83. *Glastechnische Tagung*, Amberg, Germany, May 18 - 20, 2009

7. **“Collaboration networks within the European Community for the different scientific themes”**
P. Argyrakis
NET-ACE Conference, London (05/2009)
8. **“Statistical mechanical approach to human language”**
K. Kosmidis and P. Argyrakis
COST Physics of Conflict and Competition, Durham, UK (4/2009)
9. **“A novel approach in the filtering of information from complex systems: The overlapping Tree Network”**
A. Garas and P. Argyrakis
Deutsche Physikalische Gesellschaft e.V.(DPG) Spring Meeting, Dresden, Germany (3/2009)
10. **“Information filtering from complex systems”**
A. Garas and P. Argyrakis
SPANGEO Workshop Bordeaux, France (2/2009)
11. **“Compositional Nano-Modulations and Growth Mechanism of $In_xAl_{1-x}N$ alloys by Molecular Beam Epitaxy”**
S.-L. Sahonta, G. P. Dimitrakopoulos, Th. Kehagias, J. Kioseoglou, A. Adikimenakis, E. Iliopoulos, A. Georgakilas, and Ph.Komninou
6th International Conference on Nanosciences and Nanotechnologies-NN09 (2009), Θεσσαλονίκη, Ελλάδα, Ιούλιος 2009
12. **Atomistic simulations and HRTEM identification of the (10-10)/(2-1-12) boundary in GaN”**
J. Kioseoglou, G. P. Dimitrakopoulos, J. Smalc-Koziorowska, Ph. Komninou and Th. Karakostas
6th International Conference on Nanosciences and Nanotechnologies-NN09 (2009), Θεσσαλονίκη, Ελλάδα, Ιούλιος 2009
13. **“Structural properties of semipolar and ultra-small polar GaN/AlN Quantum Dots”**
E. Kalesaki, Th. Kehagias, A.Lotsari, J. Kioseoglou, L. Lahourcade, E. Monroy, G. P. Dimitrakopoulos, Ph. Komninou
6th International Conference on Nanosciences and Nanotechnologies - NN09 (2009), Θεσσαλονίκη, Ελλάδα, Ιούλιος 2009

14. ***“Microstructure of InN grown on Si(111) by plasma-assisted MBE using a double buffer layer”***
G. P. Dimitrakopoulos, Th. Kehagias, A. O. Ajagunna, J. Kioseoglou, G. Nouet, I. Kerasiotis, A. Georgakilas, Th. Karakostas, Ph. Komninou
E-MRS 2009 Fall meeting, Βαρσοβία, Πολωνία, Σεπτέμβριος 2009
15. ***“Electron microscopy of InGaN nanorods spontaneously grown on Si (111) substrates”***
Th. Kehagias, I. Kerasiotis, A. P. Vajpeyi, A. Georgakilas, and Ph. Komninou
E-MRS 2009 Fall meeting, Βαρσοβία, Πολωνία, Σεπτέμβριος 2009
16. ***“Structural models of GaN quantum dots in semipolar AlN”***
E. Kalesaki, J. Kioseoglou, Th. Kehagias, A. Lotsari, L. Lahourcade, E. Monroy, H. Kirmse, W. Neumann, G. P. Dimitrakopoulos, Ph. Komninou
E-MRS 2009 Fall meeting, Βαρσοβία, Πολωνία, Σεπτέμβριος 2009
17. ***“Interfacial structure of semipolar AlN grown on m-plane sapphire by PAMBE”***
Th. Kehagias, L. Lahourcade, A. Lotsari, E. Monroy, G. P. Dimitrakopoulos, and Ph. Komninou
E-MRS 2009 Fall meeting, Βαρσοβία, Πολωνία, Σεπτέμβριος 2009
18. ***“The (10-10)/(2-1-12) grain boundary in nonpolar GaN: Atomic structure and influence on defect Introduction”***
J. Kioseoglou, G. P. Dimitrakopoulos, J. Smalc-Koziorowska, Ph. Komninou, Th. Karakostas
E-MRS 2009 Fall meeting, Βαρσοβία, Πολωνία, Σεπτέμβριος 2009
19. ***“Quantitative analysis of semipolar GaN Quantum Dots in AlN matrix”***
E. Kalesaki, Th. Kehagias, J. Kioseoglou, A. Lotsari, L. Lahourcade, E. Monroy, H. Kirmse, W. Neumann, G. P. Dimitrakopoulos, Ph. Komninou
Electron Microscopy and Multiscale Modelling - EMMM09, Ζυρίχη, Ελβετία, Οκτώβριος 2009
20. ***“Integrated analysis of grain boundaries with complex arrays of interfacial dislocations in III-nitrides”***
J. Kioseoglou, G. P. Dimitrakopoulos, Th. Kehagias, J. Smalc-Koziorowska, Ph. Komninou, and Th. Karakostas
Electron Microscopy and Multiscale Modelling - EMMM09, Ζυρίχη, Ελβετία, Οκτώβριος 2009

21. ***“HRTEM observations and ab initio calculations on InN/GaN and InGaN/GaN Quantum Well heterostructures”***
 E. Kalesaki, J. Kioseoglou, S. –L. Sahonta, Th. Kehagias, G. P. Dimitrakopoulos, Ph. Komninou, and Th. Karakostas
Electron Microscopy and Multiscale Modelling - EMMM09, Ζυρίχη, Ελβετία, Οκτώβριος 2009

22. ***“Dislocation density tensor on HRTEM by the geometric phase analysis and the gradient elasticity theory”***
 J. Kioseoglou, G. P. Dimitrakopoulos, Ph. Komninou, Th. Karakostas
Electron Microscopy and Multiscale Modelling - EMMM09, Ζυρίχη, Ελβετία, Οκτώβριος 2009

23. ***“Mechanisms of Indium segregation in MOVPE and MBE grown InAlN”***
 Th. Kehagias, S. –L. Sahonta, G. P. Dimitrakopoulos, J. Kioseoglou, H. Kirmse, W. Neumann, C. Giesen, M. Heuken, A. Adikimenakis, A. Georgakilas, Th. Karakostas and Ph. Komninou
Electron Microscopy and Multiscale Modelling - EMMM09, Ζυρίχη, Ελβετία, Οκτώβριος 2009

24. ***“Purely radiative recombination in GaN/AlN QDs with microsecond decay times up to room temperature”***
 J. Renard, E. Monroy, Th. Kehagias, Ph. Komninou, H. Mariette, and B. Gayral
The 8th International Workshop on Nitride Semiconductors (ICNS-8), ICC Jeju, Κορέα, Οκτώβριος 2009

25. ***“Optical performance of semipolar GaN/AlN Quantum Dots”***
 L. Lahourcade, T. Kehagias, S. Valdueza-Felip, G. P. Dimitrakopoulos, Ph. Komninou, and E. Monroy
The 8th International Workshop on Nitride Semiconductors (ICNS-8), ICC Jeju, Κορέα, Οκτώβριος 2009

26. ***“Bandgap and optical properties of InAlN films lattice matched to GaN grown by MOCVD and RF-MBE”***
 E. Iliopoulos, A. Adikimenakis, M. Andoulidaki, A. O. Ajagunna, M. Heuken, C. Giesen, J. F. Carlin, M. A. Di Forte-Poisson, S. L. Delage, Th. Kehagias, Ph. Komninou, and A. Georgakilas
The 8th International Workshop on Nitride Semiconductors (ICNS-8), ICC Jeju, Κορέα, Οκτώβριος 2009

27. ***“Structural properties of GaN Quantum Dots in semipolar AlN”***

- E. Kalesaki, L. Lahourcade, J. Kioseoglou, Th. Kehagias, A. Lotsari, H. Kirmse, W. Neumann, E. Monroy, G. P. Dimitrakopoulos, Th. Karakostas, and Ph. Komninou
The 8th International Workshop on Nitride Semiconductors (ICNS-8), ICC Jeju, Κορέα, Οκτώβριος 2009
28. ***“Heteroepitaxial structure and defects of III-Nitride epilayers grown on r-plane and m-plane sapphire”***
G. P. Dimitrakopoulos, Th. Kehagias, J. Kioseoglou, L. Lahourcade, J. Smalc-Koziorowska, G. Tsiakatouras, A. Lotsari, E. Kalesaki, Th. Karakostas, E. Monroy, A. Georgakilas, and Ph. Komninou
The 8th International Workshop on Nitride Semiconductors (ICNS-8), ICC Jeju, Κορέα, Οκτώβριος 2009
29. ***“Indium incorporation mechanisms in MOVPE and MBE grown InAlN thin films”***
Th. Kehagias, S.-L. Sahonta, G. P. Dimitrakopoulos, J. Kioseoglou, H. Kirmse, W. Neumann, C. Giesen, M. Heuken, A. Adikimenakis, A. Georgakilas, and Ph. Komninou
The 8th International Workshop on Nitride Semiconductors (ICNS-8), ICC Jeju, Κορέα, Οκτώβριος 2009
30. ***“AlN-based Nanocomposites Grown by Pulsed Laser Deposition and Sputtering for Photonic Applications”***
H. Zoubos, G. Karras, A. Lotsari, E. Lidorikis, Ch.E. Lekka, G.P. Dimitrakopoulos, Ph. Komninou, G.A. Evangelakis, C.Kosmidis and P. Patsalas
ICO PHOTONICS 2009, Δελφοί, Ελλάδα, Οκτώβριος 2009
31. ***“A nonlinear finite element and atomistic modelling of dislocations in semiconductor structures”***
P. Dłużewski, A. Belkami, T. D. Young, G. Dimitrakopoulos, and Ph. Komninou
Proceedings of the 18th International Conference on Computer Methods in Mechanics, Ζιελόνα Γκόρα, Πολωνία, Μάιος 2009
32. ***“Effect of surface kinetics in the growth of a-plane GaN on r-plane sapphire by molecular beam epitaxy”***
G. Tsiakatouras, K. Tsagaraki, J. Domagala, J. Smalc-Koziorowska, G. P. Dimitrakopoulos, Ph. Komninou, E. Iliopoulos and A. Georgakilas
18th European Workshop on Heterostructure Technology, Ulm, Γερμανία, Νοέμβριος 2009
33. ***“Structural and Mechanical Properties of AlN:Ag Nanocomposites”***

A. Lotsari, G. P. Dimitrakopoulos, Th. Kehagias, P. Kavouras, P. Patsalas, and Ph.Komninou

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34. ***“Catalyst-free versus catalyst-induced GaN nanowires”***

L. Geelhaar, C. Chéze, O. Brandt, H. Riechert, S. Münch, R. Rothmund, S. Reitzenstein, A. Forchel, Th. Kehagias, Ph. Komninou, G. P. Dimitrakopoulos, and Th. Karakostas

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35. ***“Dislocation core localization and size measurement in quantitative HRTEM by the dislocation density tensor”***

J. Kioseoglou, G. P. Dimitrakopoulos, Ph. Komninou, Th. Karakostas

Abstracts of the Electron Microscopy and Multiscale Modelling conference - EMMM09, Zurich, Switzerland, 27-30 October 2009, p. 53

36. ***“Nano-Coating Materials for Cardiovascular Application and Protein Adhesion and Cells Attachment”***

S. Logothetidis

2nd European Conference for Clinical Nanomedicine, Clinam, Basel, Switzerland, 27-29.04.2009

37. ***“Nanoscale Imaging Approaches to probing Human Blood Cells”***

V. Karagkiozaki, S. Lousinian, S. Logothetidis

2nd European Conference for Clinical Nanomedicine, Clinam, Basel, Switzerland, 27-29.04.2009

38. ***“Nanoscale characterization of biological and mechanical profile of carbon nanocoatings for stents”***

V.Karagkiozaki , S. Logothetidis, S.Kassavetis, S.Lousinian

2nd European Conference for Clinical Nanomedicine, Clinam, Basel, Switzerland, 27-29.04.2009

39. ***“Development of state-of-the-art active and passive materials for flexible organic electronics applications”***

S. Logothetidis

83. *Workshop Nanotech*, 23-24/10/2009 Braga, Portugal

40. ***“Microstructural Characteristics and Nanomechanical Properties of Ti/TiB₂***

Multilayered Composites

N. Kalfagiannis, I. Zyganitidis, S. Kassavetis, S. Logothetidis, N. Vouroutzis, Ch. B. Lioutas

EMRS (European Material Research Society) Spring Meeting 2009, (Strasbourg, France, 8 June – 12 June 2009)

41. ***“Adsorption Mechanisms of Blood Plasma Proteins on Boron Based Thin Films: Effect of Surface properties”***

S. Lousinian, N. Kalfagiannis, P. Kavatzikidou, V. Karagkiozaki, S. Logothetidis

EMRS (European Material Research Society) Spring Meeting 2009, (Strasbourg, France, 8 June – 12 June 2009)

42. ***“Optical Properties of CuPc and C60 thin films for organic photovoltaic applications”***

A. Laskarakis, D. Georgiou, S. Logothetidis, N. Meyer, M. Heuken, M. Rusu and M.Ch. Lux-Steiner

EMRS Spring Meeting 2009, Symposium F (Strasbourg, France, 8 June – 12 June 2009)

43. ***“Recent Advances in Organic Semiconductors, Electrodes & Ultra barriers for Flexible Organic Electronics”***

S. Logothetidis

Plastic Electronics Conference 2009, Dresden, Germany, October 27-29, 2009

44. ***“Perylenediimide (PTCDI-C5) based bi-layers for organic electronics applications”***

C. Gravalidis, S. Logothetidis, E. Dobruchowska, M. Wiatrowski, T. Halamus, J. Ulanski

2nd International Symposium on Flexible Organic Electronics (IS-FOE09), (Χαλκιδική, Ελλάδα, 8-10.07.2009)

45. ***“Ultra high barrier materials for encapsulation of flexible organic electronics”***

S. Logothetidis, A. Laskarakis, D. Georgiou, S. Amberg-Schwab, U. Weber, K. Noller, M. Schmidt, W. Lohwasser

2nd International Symposium on Flexible Organic Electronics (IS-FOE09), (Χαλκιδική, Ελλάδα, 8-10.07.2009)

46. ***“Opto-electronic and nanomechanical properties of Al-doped ZnO thin films grown by different techniques on polymeric substrates”***

C. Koidis, S. Logothetidis, S. Kassavetis, A. Laskarakis, N. A. Hastas, O. Valassiades

2nd International Symposium on Flexible Organic Electronics (IS-FOE09),
(Χαλκιδική, Ελλάδα, 8-10.07.2009)

47. ***“Academic Entrepreneurship: The Case of Organic Electronics”***
M. Chachamidou, S. Logothetidis
2nd International Symposium on Flexible Organic Electronics (IS-FOE09),
(Χαλκιδική, Ελλάδα, 8-10.07.2009)

48. ***“Ab initio studies on prototype organic semiconductors”***
G. Volonakis, L. Tsetseris, S. Logothetidis
2nd International Symposium on Flexible Organic Electronics (IS-FOE09),
(Χαλκιδική, Ελλάδα, 8-10.07.2009)

49. ***“Effect of Solvent and Deposition Conditions in the Optical Properties of P3HT Thin Films”***
D. Georgiou, A. Laskarakis, S. Logothetidis, A. Wedel
2nd International Symposium on Flexible Organic Electronics (IS-FOE09),
(Χαλκιδική, Ελλάδα, 8-10.07.2009)

50. ***“Optical Properties of Organic Thin Films Deposited via Organic Vapor Phase Deposition for OLED applications”***
A. Laskarakis, D. Georgiou, S. Logothetidis, N. Meyer M. Heuken, M. Bösing, F. Lindla, H. Kalisch, R. H. Jansen
2nd International Symposium on Flexible Organic Electronics (IS-FOE09),
(Χαλκιδική, Ελλάδα, 8-10.07.2009)

51. ***“Effect of Thickness in the Optical Properties of CuPc and C60 thin films for organic photovoltaic applications”***
D. Georgiou, A. Laskarakis, S. Logothetidis, N. Meyer, M. Heuken, M. Rusu, M.Ch. Lux-Steiner
2nd International Symposium on Flexible Organic Electronics (IS-FOE09),
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52. ***“Transmission Electron Microscopy of Al-doped and un-doped ZnO Thin Films on Flexible Substrates”***
K. Breza, N. Frangis, I. Tsiaoussis, C. Koidis, S. Logothetidis
2nd International Symposium on Flexible Organic Electronics (IS-FOE09),
(Χαλκιδική, Ελλάδα, 8-10.07.2009)

53. ***“Laser ablation nanoparticles”***
N. G. Semaltianos, S. Logothetidis, W. Perrie, S. Romani, R. J. Potter, S. P.

Edwardson, French, M. Sharp, G. Dearden, K. G. Watkins
2nd International Symposium on Flexible Organic Electronics (IS-FOE09),
(Χαλκιδική, Ελλάδα, 8-10.07.2009)

54. ***“Modeling of indentation to thin inorganic films grown on flexible polymeric substrates”***
V.Gountsidou, S.Kassavetis, H.M.Polatoglou, S. Logothetidis
2nd International Symposium on Flexible Organic Electronics (IS-FOE09),
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55. ***“Influence of Deposition Rate on the Properties of α -Quaterthiophene Thin Films”***
C. Pitsalidis, P. Karagiannidis, C. Koidis and S. Logothetidis
6th International Conference on Nanosciences & Nanotechnologies- NN09,
(Θεσσαλονίκη, Ελλάδα, 13-15.07.2009)
56. ***“Biofunctionalization of Carbon Nanomaterials to Promote in-situ Endothelization”***
V.Karagkiozaki, S.Logothetidis, T.Choli-Papadopoulou, A.Laskarakis,
A.Melachrinos, E. Pavlidou, P.Karagiannidis, S.Kassavetis, G.Giannoglou
6th International Conference on Nanosciences & Nanotechnologies- NN09,
(Θεσσαλονίκη, Ελλάδα, 13-15.07.2009)
57. ***“An Improved Technique For Calibrating Berkovich Indenter Tip For Ultra Shallow Indentation Depth”***
I. Zyganitidis, S. Logothetidis
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58. ***“Policies Towards Academic Entrepreneurship in Nanotechnology: Lessons from a European Entrepreneurial University”***
M. Chachamidou, S. Logothetidis
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59. ***“Structural characterization of Ti / TiB₂ multi-nano-layer films by means of electron microscopy techniques”***
Ch. B. Lioutas, N.Z. Vouroutzis, N. Frangis, N. Kalfagiannis, S. Logothetidis
6th International Conference on Nanosciences & Nanotechnologies- NN09,
(Θεσσαλονίκη, Ελλάδα, 13-15.07.2009)

60. ***“Effect of Solvent and Deposition Conditions in the Optical Properties of P3HT Thin”***
D. Georgiou, A. Laskarakis, S. Logothetidis and A. Wedel
6th International Conference on Nanosciences & Nanotechnologies- NN09,
(Θεσσαλονίκη, Ελλάδα, 13-15.07.2009)
61. ***“Growth mechanisms and thickness effect on the properties of Al-doped ZnO thin films grown on polymeric substrates”***
C. Koidis, S. Logothetidis, S. Kassavetis, A. Laskarakis, N. A. Hastas, and O. Valassiades
6th International Conference on Nanosciences & Nanotechnologies- NN09,
(Θεσσαλονίκη, Ελλάδα, 13-15.07.2009)
62. ***“Electronic and structural properties of TiB₂: bulk, surface, and nanoscale effects”***
G. Volonakis, L. Tsetseris, S. Logothetidis
6th International Conference on Nanosciences & Nanotechnologies- NN09,
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63. ***“LDL Transport in 3D Reconstructed Human RCAs”***
J.V. Soulis, G.D. Giannoglou, D. Fytanidis, V.C. Papaioannou, S. Logothetidis
6th International Conference on Nanosciences & Nanotechnologies- NN09,
(Θεσσαλονίκη, Ελλάδα, 13-15.07.2009)
64. ***“Transmission Electron Microscopy of Al-doped and un-doped ZnO Thin Films on Flexible Substrates”***
K. Breza, N. Frangis, I. Tsiaoussis, C. Koidis, S. Logothetidis
6th International Conference on Nanosciences & Nanotechnologies- NN09,
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65. ***“Biofunctionalization of PET/SiO₂ surfaces for single molecule experiments and medical applications”***
A. Melachroinos, A. Katranidis, P.G. Karagiannidis, S. Lousinian, S. Logothetidis
and T. Choli-Papadopoulou
6th International Conference on Nanosciences & Nanotechnologies- NN09,
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66. ***“Initial Stages of Biological Evaluation of Titanium Diboride Thin Films: Cytotoxicity, Cell Adhesion and Blood Plasma Protein Adsorption Analysis”***
P. Kavatzikidou, S. Lousinian, N. Kalfagiannis, S. Logothetidis, E. Pavlidou, T. Choli-Papadopoulou

6th International Conference on Nanosciences & Nanotechnologies- NN09,
(Θεσσαλονίκη, Ελλάδα, 13-15.07.2009)

67. **“Simple method for coating Si (100) surfaces with Ferritin monolayers – Iron Oxide Quantum Dots”**

C. Anetakis, N. Bouroutzis, S. Logothetidis and G. Papadopoulos

6th International Conference on Nanosciences & Nanotechnologies- NN09,
(Θεσσαλονίκη, Ελλάδα, 13-15.07.2009)

68. **“Effect of the instrumental parameters on the SP measures of KPFM under ambient conditions”**

N.Mpastas, P.Karagiannidis, S.Kassavetis and S. Logothetidis

6th International Conference on Nanosciences & Nanotechnologies- NN09,
(Θεσσαλονίκη, Ελλάδα, 13-15.07.2009)

69. **“Evolution of Patents and Implications in Nanotechnology Development”**

Tsitlakidis, C. Kapnopoulos, M. Chachamidou, G. Volonakis, S. Logothetidis

6th International Conference on Nanosciences & Nanotechnologies- NN09,
(Θεσσαλονίκη, Ελλάδα, 13-15.07.2009)

70. **“Nanoindentation deformation to inorganic thin films grown on flexible polymeric substrates”**

S. Kassavetis, and S. Logothetidis

6th International Conference on Nanosciences & Nanotechnologies- NN09,
(Θεσσαλονίκη, Ελλάδα, 13-15.07.2009)

71. **“Challenges for national & regional support programs to promote academic entrepreneurship in emerging technologies”**

M. Chachamidou, S. Logothetidis

2nd International Conference on Entrepreneurship, Innovation and Regional Development (Θεσσαλονίκη, Ελλάδα, 24-25.04.2009)

72. **“Spectroscopic Ellipsometry for Nanobiology & Nanomedicine Applications”**

S. Logothetidis

NanoElli09, 31-3/10/2009, Beograd, Serbia

73. **“High pressure Raman study of carotene-encapsulating single-wall carbon nanotubes”**

J. Arvanitidis, D. Christofilos, G. A. Kourouklis, S. Ves, T. Takenobu, Y. Iwasa, and H. Kataura.

47th Meeting of the European-High-Pressure-Research-Group (EHPRG 47), SEP 06-

11, 2009 Univ Pierre & Marie Curie, Cordeliers Campus, Paris, FRANCE.

74. **“Indium implantation and annealing of GaN: Lattice damage and recovery H”**
Katsikini M, Arvanitidis J, Ves S, Paloura EC, Wendler E, Wesch W.
Proceedings of 2009 E-MRS (European Materials Research Society): Symposium on Group III Nitride Semiconductors held at the 2009 EMRS Spring Meeting Strasbourg, FRANCE, JUN 08-12, 2009.
75. **“Raman scattering of $In_xAl_{1-x}N$ alloys with $0.2 < x < 0.9$ ”**
Katsikini M, Arvanitidis J, Christofilos D, Ves S, Adikimenakis A, Georgakilas A
Proceedings of 2009 E-MRS (European Materials Research Society): Symposium on Group III Nitride Semiconductors held at the 2009 EMRS Spring Meeting Strasbourg, FRANCE, JUN 08-12, 2009.
76. **“Long-Term performance of a commercial Thermoelectric Power Generator”**
E. Hatzikraniotis, K.T. Zorbas, E. Pavlidou, T. Kyratsi, K. M. Paraskevopoulos
Mater. Res. Soc. Symp. Proc. Vol. **1166** p. 1166-N03-14 (2009)
77. **“IR Reflectivity Studies of Mechanically Alloyed PbTe Nanocrystals”**
Th. Hasapis, Ch.Papageorgiou, E. Hatzikraniotis, Th. Kyratsi, K.M. Paraskevopoulos
Mater. Res. Soc. Symp. Proc. Vol. **1166** p. 1166-N03-12 (2009)
78. **“Novel composite materials for dental application fabricated by the sol-gel method”**
X. Chatzistavrou, D. Esteve, E. Hatzistavrou, E. Kontonasaki, K.M. Paraskevopoulos and A.R. Boccaccini
12th Annual Seminar & Meeting on CERAMICS, CELLS AND TISSUES, TOPIC: Surface-reactive biomaterials as scaffolds and coatings: interactions with cells and tissues, Congress Hall of BANCA DI ROMAGNA Faenza – Italy May 19-22, 2009
79. **“Application of the sol-gel technique for the fabrication of novel dental glass-ceramics”**
X. Chatzistavrou, E. Hatzistavrou, E. Kontonasaki, K.M. Paraskevopoulos, A.R. Boccaccini
8th Pacific Rim Conference on Ceramic and Glass Technology (May 31 - June 5, 2009, Vancouver, Canada) (PACRIM8-S20-P161-2009) (accepted 2009)
80. **“Preliminary TL/OSL Characterization on Synthetic Bioactive Materials”**
C. Afouxenidis, X. Chatzistavrou, G. S. Polymeris, N. C. Tsirliganis, G. Kitis, K.M. Paraskevopoulos
Proceedings of the 7th International Conference on Luminescent Detectors and

Transformers of Ionizing Radiation (LUMDETR 2009) Kraków, Poland (12-17 July 2009) p. 305

81. ***“Reinforcement of an autopolymerizing resin (PMMA) used in dental provisional restorations with Ultra Dispersed Diamonds (UDD’s)”***
Popi Protopapa, Eleana Kontonasaki, Petros Koidis, Konstantinos Paraskevopoulos, Dimitrios Bikiaris
Diamond 2009 (Athens, Greece, 6-10 September 2009) Book of abstracts P1.3.22
82. ***“Application of the sol-gel technique for the fabrication of novel glass-ceramic and composite for dental application”***
X. Chatzistavrou, D. Esteve, E. Hatzistavrou, E. Kontonasaki, K.M. Paraskevopoulos and A.R. Boccaccini
22nd European Conference on Biomaterials (September 7-11, 2009 Lausanne, Switzerland) Nr. 449-0241
83. ***“Fabrication of composite materials for dental application following the sol-gel process”***
X. Chatzistavrou, D. Esteve, E. Hatzistavrou, E. Kontonasaki, K.M. Paraskevopoulos and A.R. Boccaccini
22nd European Conference on Biomaterials (September 7-11, 2009 Lausanne, Switzerland) Nr. 308-0636
84. ***“Fabrication of bioactive glass/dental ceramics composites by sol-gel method: Characterization and bioactivity investigation”***
X. Chatzistavrou, D. Esteve, E. Hatzistavrou, E. Kontonasaki, K.M. Paraskevopoulos and A.R. Boccaccini
European Congress and Exhibition on Advanced Materials and Processes, EUROMAT 2009 (7-10 September, Glasgow, UK)
85. ***“The Byzantine Church of “40 Holy Martyrs” in Veliko- Turnovo, Bulgaria: Pigments and Technique”***
E. Sakellariou, T. Zorba, E. Pavlidou, S. Angelova, K.M. Paraskevopoulos
Proceedings of the 7th International Conference of the Balkan Physical Union, ed. A. Angelopoulos, AIP Conference Proceedings 1203, ISBN 978-0-7354-0740-4 (2009) p. 501
86. ***“Synthesis and Thermoelectric Properties of Bi₂Se₃-xS₃ Series”***
Ch. Iona, E. Hatzikraniotis, K.M. Paraskevopoulos and Th. Kyratsi
Proceedings of the 7th International Conference of the Balkan Physical Union, ed. A. Angelopoulos, AIP Conference Proceedings 1203, ISBN 978-0-7354-0740-4

(2009) p. 997

87. ***“On the Use of Thermoelectric (TE) Applications Based on Commercial Modules: the Case of TE Generator and TE Cooler”***
K. Zorbas, E. Hatzikraniotis, K.M. Paraskevopoulos and Th. Kyratsi
Proceedings of the 7th International Conference of the Balkan Physical Union, ed. A. Angelopoulos, AIP Conference Proceedings 1203, ISBN 978-0-7354-0740-4 (2009) p. 1137
88. ***“Vibrational Properties of Silver-doped Arsenic Chalcogenide Bulk Glasses”***
Th. Ch. Hasapis, E. Hatzikraniotis, K.M. Paraskevopoulos, K.S. Andrikopoulos, V. Dracopoulos, T. Wagner, S.N. Yannopoulos
Proceedings of the 7th International Conference of the Balkan Physical Union, ed. A. Angelopoulos, AIP Conference Proceedings 1203, ISBN 978-0-7354-0740-4 (2009) p. 283
89. ***“Human PDL fibroblasts proliferation in scaffolds on bioactive glass modified ceramics”***
Theocharidou A., Tsoptsias K., Konstantinidou K., Kontonasaki E., Sivropoulou A., Panagiotou K., Paraskevopoulos K.M., Koidis P.
Proceedings of 33rd Annual Congress of European Prosthodontic Association (Innsbruck, Austria, October 1-3, 2009) p. 128
90. ***“Investigation on the influence of gastric acid on the surface roughness of ceramic materials of metal-ceramic restorations. An in vitro study”***
Matsou E., Vouroutzis N., Kontonasaki E., Paraskevopoulos K.M., Koidis P.
Proceedings of 33rd Annual Congress of European Prosthodontic Association (Innsbruck, Austria, October 1-3, 2009) p.41
91. ***“Comparative bioactivity study of 45S5 and 58S bioglasses in organic and inorganic environment”***
G. Theodorou, O.M. Goudouri, A. Theocharidou, E. Kontonasaki, X. Chatzistavrou, L. Papadopoulou, K. M. Paraskevopoulos
Proceedings of 22nd International Symposium on Ceramics in Medicine (BIOCERAMICS 22) (Daegu, Korea, October 26-29, 2009) ed. by S. Kim, The Korean Society for Biomaterials, p. 391
92. ***“Study of the bioactive behaviour of hydroxyapatite /SiO₂-CaO-MgO glass-ceramics synthesized by Transferred Arc Plasma (TAP)”*** (accepted for presentation)
E. Roumeli, O.M. Goudouri, C.P.Yoganand, L. Papadopoulou, N. Kantiranis, V.

Selvarajan, K.M. Paraskevopoulos

Proceedings of 22nd International Symposium on Ceramics in Medicine (BIOCERAMICS 22) (Daegu, Korea, October 26-29, 2009) ed. by S. Kim, The Korean Society for Biomaterials, p. 387

93. ***“Dental ceramics/bioactive glass composites: characterization and mechanical properties investigation”***

O.M. Goudouri, E. Kontonasaki, A. Theocharidou, N. Kantiranis, X. Chatzistavrou, P. Koidis, K.M. Paraskevopoulos

Proceedings of 22nd International Symposium on Ceramics in Medicine (BIOCERAMICS 22) (Daegu, Korea, October 26-29, 2009) ed. by S. Kim, The Korean Society for Biomaterials, p. 823

94. ***“In vitro bioactivity studies of sol-gel derived dental ceramics/bioactive glass composites in periodically renewed biomimetic solution”***

O.M. Goudouri, E. Kontonasaki, L. Papadopoulou, N. Kantiranis, X. Chatzistavrou, P. Koidis, K.M. Paraskevopoulos

Proceedings of 22nd International Symposium on Ceramics in Medicine (BIOCERAMICS 22) (Daegu, Korea, October 26-29, 2009) ed. by S. Kim, The Korean Society for Biomaterials, p. 795

95. ***“Human PDL fibroblasts in scaffolds attached on dental ceramic composite materials”***

A. Theocharidou, K. Tsoptsias, K. Konstantinidou, E. Kontonasaki, A. Sivropoulou, K. Panagiotou, K.M. Paraskevopoulos, P. Koidis

Proceedings of 22nd International Symposium on Ceramics in Medicine (BIOCERAMICS 22) (Daegu, Korea, October 26-29, 2009) ed. by S. Kim, The Korean Society for Biomaterials, p. 233

96. ***“Sol-gel method in fabrication of novel glass-ceramic composite materials for dental application”***

X. Chatzistavrou, D. Esteve, E. Hatzistavrou, E. Kontonasaki, K.M. Paraskevopoulos and A.R. Boccaccini

Proceedings of 22nd International Symposium on Ceramics in Medicine (BIOCERAMICS 22) (Daegu, Korea, October 26-29, 2009) ed. by S. Kim, The Korean Society for Biomaterials, p. 399

97. ***“Towards Luminescence Dating of Turquoise Gemstone Using TL and OSL Methods”***

B. Subedi, D. Afouxenidis, G.S. Polymeris, N.C. Tsirliganis, K.M. Paraskevopoulos, G. Kitis

98. ***“Deposition of oxidation resistant zinc coatings on Copper and Lead Brass substrates with pack cementation process”***
M.Papazoglou, D.Chaliampalias, G.Vourlias, E.Pavlidou, S.Skolianos, G.Stergioudis, E.K.Polychroniadis
Proceedings of the Romanian Conference on advances materials, Bucharest -Brasov, Romania, 25-28 August (2009), pp. 94-95.
99. ***“Microscopical study of the structure of oxidation resistant Ytria stabilized Zirconia (YSZ) coatings deposited with different thermal spray processes”***
N. Pistofidis, G.Vourlias, D.Chaliampalias, E. Pavlidou, G.Stergioudis, E.K.Polychroniadis
Proceedings of the Romanian Conference on advances materials, Bucharest -Brasov, Romania, 25-28 August (2009), pp. 95.
100. ***“Influence of Al and Cr alloying elements on the structure and corrosion resistance of zinc coatings formed by pack cementation process”***
M.Papazoglou, D.Chaliampalias, G.Vourlias, E.Pavlidou, S.Skolianos, G.Stergioudis, E.K.Polychroniadis
Proceedings of the Romanian Conference on advances materials, Bucharest -Brasov, Romania, 25-28 August (2009), pp. 140-141.
101. ***“Crystal nucleation in plasma deposited DLC coating during annealing”***
D. Chaliampalias, G. Vourlias, P. Psyllaki, E. Pavlidou, K. Chrissafis, E.K. Polychroniadis
Proceedings of 7th International Conference of the Balkan Physical Union, Alexandroupolis, Greece, 9-13 September 2009, pp. 175.
102. ***“Examination of the oxidation protection of zinc coating formed on copper alloys and steel substrates”***
M. Papazoglou, D. Chaliampalias, G. Vourlias, E. Pavlidou, G. Stergioudis, S.Skolianos
Proceedings of 7th International Conference of the Balkan Physical Union, Alexandroupolis, Greece, 9-13 September 2009, pp. 176.
103. ***“Examination of the structural transformation of metal ion doped WO₃ powder”***
M. Papazoglou, D. Chaliampalias, G. Vourlias, E. Pavlidou, G. Stergioudis
Proceedings of 7th International Conference of the Balkan Physical Union, Alexandroupolis, Greece, 9-13 September 2009, pp. 177

104. **“Structural characterization of CF-PVT grown bulk 3C-SiC”**
A. Mantzari, F. Mercier, M. Soueidan, D. Chaussende, G. Ferro, E.K. Polychroniadis
Materials Science Forum **600-603** (2009) 67-70
International Conference of Silicon Carbide and Related Materials, 14-19 October
2007, Otsu, Japan
105. **“3C-SiC island formation on 6H-SiC(0001) substrate from a liquid phase”**
O. Kim Hak, M. Soueidan, G. Ferro, O. Dezellus, A. Andreadou, E.K.
Polychroniadis, J.C. Viala
Materials Science Forum **600-603** (2009) 203-206
International Conference of Silicon Carbide and Related Materials, 14-19 October
2007, Otsu, Japan
106. **“Buckling stabilization and stress reduction in SiC on Si by i-FLASiC processing”**
A. Andreadou, J. Pezoldt, Ch. Förster, E.K. Polychroniadis, M. Voelskow and W.
Skorupa
Materials Science Forum **600-603** (2009) 239-242
International Conference of Silicon Carbide and Related Materials, 14-19 October
2007, Otsu, Japan
107. **“Searching for Ge clusters inside 3C-SiC layers grown by Vapor-Liquid-Solid
mechanism on 6H-SiC substrates”**
M. Marinova, I. Tsiaoussis, N. Frangis, E.K. Polychroniadis, O. Kim-Hak, J.
Lorenzini, G. Ferro
Materials Science Forum **615-617** (2009) 185-188
7th European Conference on Silicon Carbide and Related Materials (ECSCRM)
2008, Barcelona, Spain, September 7-11, 2008
108. **“8H stacking faults in a 4H-SiC matrix; simple unit cell or double 3C quantum
wells?”**
T. Robert, S. Juillaguet, M. Marinova, T. Chassagne, I. Tsiaoussis, N. Frangis, E.K.
Polychroniadis, J. Camassel
Materials Science Forum **615-617** (2009) 339-342
7th European Conference on Silicon Carbide and Related Materials (ECSCRM)
2008, Barcelona, Spain, September 7-11, 2008
109. **“A TEM study of inversion domain boundaries annihilation mechanism in 3C-SiC
during growth”**
A. Mantzari, C.B. Lioutas, E.K. Polychroniadis
Materials Science Forum **615-617** (2009) 331-334

7th European Conference on Silicon Carbide and Related Materials (ECSCRM)
2008, Barcelona, Spain, September 7-11, 2008

110. ***“The influence of the synthesis conditions of NiCuZn ferrites on their microscopic homogeneity”***
D. Sakellari, V. Tsakaloudi, V. Zaspalis, E.K. Polychroniadis
Defect and Diffusion Forum **283-286** (2009) 483-486
4th International Conference on Diffusion in Solids and Liquids (DSL-2008), July 9-11, 2008, Barcelona, Spain
111. ***“A New Linear Voltage-to-Current Converter with Threshold Voltage Compensation for Analog Circuits Applications in Polycrystalline Silicon TFT Process”***
I. Pappas, C. Theodorou, S. Siskos and C.A. Dimitriadis
In Proceedings of 16th IEEE International Conference on Electronics Circuits and Systems (ICECS 2009), Hammamet 13-16 December, Tunisia, 2009.
112. ***“A new approach for the study of the crystallization kinetics in polymers. Key study: PET/SiO₂ nanocomposites”***
G. Papageorgiou, D. Bikiaris, K. Chrissafis
Medicta 2009 9th Mediterranean Conference on Calorimetry and Thermal Analysis, (June 15-18, 2009, Marseille, France), Book of abstracts p.21
113. ***“Thermal degradation kinetics of in-situ prepared poly(ethylene terephthalate) nanocomposites with multi-walled carbon nanotubes (PET/MWCNTs)”***
A. Vassiliou, D.N. Bikiaris, K.M. Paraskevopoulos, E. Pavlidou, K. Chrissafis
Medicta 2009 9th Mediterranean Conference on Calorimetry and Thermal Analysis, (June 15-18, 2009, Marseille, France), Book of abstracts p.21

β) Δημοσιεύσεις σε τόμους πρακτικών Τοπικών Συνεδρίων με κριτές.

1. **“Controllable synthesis and characterization of hcp and fcc nickel nanoparticles”**
A. Kotoulas, C. Dendrinou-Samara, K. Simeonidis, S. Mourdikoudis, M. Angelakeris, J. Georgiadis and O. Kalogirou
in XXV Pan-Hellenic Conference on Solid State Physics and Materials Science, Thessaloniki, September 20-23, 2009.
2. **“Evaluation of iron oxide nanoparticles prepared by high-energy ball milling in drinking water treatment”**
Th. Gkinis, S. Tresintsi, P. Moschou, K. Simeonidis, M. Mitrakas, Th. Kehagias, O. Kalogirou and M. Angelakeris
in XXV Pan-Hellenic Conference on Solid State Physics and Materials Science, Thessaloniki, September 20-23, 2009.
3. **“The beneficiary role of intentional alloying in noble metal-Cobalt multilayered systems”**
I. Giannarakis, A. Frangouli, K. Simeonidis, P. Pouloupoulos, M. Angelakeris and N.K. Flevaris
in XXV Pan-Hellenic Conference on Solid State Physics and Materials Science, Thessaloniki, September 20-23, 2009.
4. **“Structural, morphological and magnetic features in exchange-biased Co nanoparticles”**
K. Simeonidis, F. Frangeskou, C. Martinez-Boubeta, I. Tsiaoussis, S. Mourdikoudis, C. Dendrinou-Samara, M. Angelakeris and O. Kalogirou
in XXV Pan-Hellenic Conference on Solid State Physics and Materials Science, Thessaloniki, September 20-23, 2009.
5. **“Magnetically induced hyperthermia: Size, Phase and Concentration-dependent heating power of magnetic nanoparticles”**
E. Anagnostopoulou, B. Voutou, K. Simeonidis, S. Mourdikoudis, Th. Samaras, O. Kalogirou and M. Angelakeris
in XXV Pan-Hellenic Conference on Solid State Physics and Materials Science, Thessaloniki, September 20-23, 2009.
6. **“Preparation, characterization and in-vitro toxicity test of nanoparticle-based system for magnetic hyperthermia of cancer tissues”**
A. Chalkidou, K. Simeonidis, Th. Samaras, C. Martinez-Boubeta, M. Angelakeris, K. Papazisis, C. Dendrinou-Samara and O. Kalogirou
in XXV Panhellenic Conference on Solid State Physics and Materials Science,

Thessaloniki, September 20-23, 2009.

7. **“Scientific Collaboration in Europe, and the Overlapping Tree Network”**
A. Garas and P. Argyrakis
XXV Panhellenic Conference on Solid State Physics and Materials Science,
Thessaloniki, Greece, September 20-23, 2009
8. **“Random Walk in Complex Systems with the Particle Diffusion Model- PDM”**
M. Maragakis, S. Carmi, P. Argyrakis and S. Havlin
XXV Panhellenic Conference on Solid State Physics and Materials Science,
Thessaloniki, Greece, September 20-23, 2009
9. **“Simulation of Non Classical Coarsening Mechanism in Pb/Si”**
L. Skarpalezos, M. Maragakis, P. Argyrakis and M. Tringides
XXV Panhellenic Conference on Solid State Physics and Materials Science,
Thessaloniki, Greece, September 20-23, 2009
10. **“Trapping in complex networks”**
A. Kittas, S. Carmi, S. Havlin and P. Argyrakis
XXV Panhellenic Conference on Solid State Physics and Materials Science,
Thessaloniki, Greece, September 20-23, 2009
11. **“Crystal growth model with stress development and relaxation”**
N. Tsakiris, P. Argyrakis, I. Avramov
XXV Panhellenic Conference on Solid State Physics and Materials Science,
Thessaloniki, Greece, September 20-23, 2009
12. **“Atomic Scale Modelling by the use of a III-species Environment Approach: Implementation on Threading Dislocations and (Al,In)N/GaN Interfaces”**
J. Kioseoglou, E. Kalesaki, G.P. Dimitrakopoulos, Th. Kehagias, Ph. Komninou, and Th. Karakostas
Πρακτικά 25^{ου} Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Θεσσαλονίκη, Σεπτέμβριος 2009
13. **“Polar and semipolar GaN/AlN nanostructures for optoelectronic applications”**
E. Monroy, P. K. Kandaswamy, L. Lahourcade, and A. Wirthmüller, M. Tchernycheva, F. H. Julien, Th. Kehagias, G. P. Dimitrakopoulos, Ph. Komninou, P. Ruterana, M. Eickhoff
Πρακτικά 25^{ου} Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Θεσσαλονίκη, Σεπτέμβριος 2009

14. ***“Morphological and structural characterization of polar and semipolar QDs”***
E. Kalesaki, Th. Kehagias, J.Kioseoglou, A. Lotsari, L. Lahourcade, E. Monroy, G. P. Dimitrakopoulos and Ph. Komninou
Πρακτικά 25^{ου} Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Θεσσαλονίκη, Σεπτέμβριος 2009
15. ***“Electrical and Structural Characteristics of Strained - Si MOS Structures as a Function of Strained-Si Overlayer”***
N. Kelaidis, V. Ioannou – Sougleridis, D. Skarlatos, K. Papagelis, J. Parthenios, S.N. Georga, C.A. Krontiras,, Ph. Komninou, C. Tsamis, B. Kellerman and M. Seacrist
Πρακτικά 25ου Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Θεσσαλονίκη, Σεπτέμβριος 2009
16. ***“Structural and Mechanical Properties of AlN:Ag Nanocomposite Coatings grown by Pulsed Laser Deposition”***
A. Lotsari, G. P. Dimitrakopoulos, Th. Kehagias, P. Kavouras, P. Patsalas, and Ph. Komninou
Πρακτικά 25^{ου} Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Θεσσαλονίκη, Σεπτέμβριος 2009
17. ***“Mechanisms of Indium Segregation in MOVPE and MBE Grown InAlN Epilayers”***
Th. Kehagias, S.-L. Sahonta, G. P. Dimitrakopoulos, J. Kioseoglou, H. Kirmse, W. Neumann, C. Giesen, M. Heuken, A. Adikimenakis, A. Georgakilas, Th. Karakostas, Ph. Komninou
Πρακτικά 25^{ου} Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Θεσσαλονίκη, Σεπτέμβριος 2009
18. ***“Structural and electronic properties of InN a-edge threading dislocations”***
E. Kalesaki, J. Kioseoglou, Ph. Komninou and Th. Karakostas
Πρακτικά 25^{ου} Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Θεσσαλονίκη, Σεπτέμβριος 2009
19. ***“The nonpolar-semipolar boundaries in III-Nitrides: atomic structure and influence on defect introduction”***
J. Kioseoglou, G. P. Dimitrakopoulos, J. Smalc-Koziorowska, Ph. Komninou, and Th. Karakostas
Πρακτικά 25^{ου} Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Θεσσαλονίκη, Σεπτέμβριος 2009
20. ***“Νανοδομές ημιαγωγών σε τοπική ατομική κλίμακα”***

Δι-ημερίδα της Επιστημονικής Εταιρίας “Micro&Nano” με θέμα: “Σύγχρονες εξελίξεις στη Μικροηλεκτρονική/Νανοηλεκτρονική, Οπτοηλεκτρονική και τους αισθητήρες”, ΕΚΕΦΕ Δημόκριτος, Αθήνα, Νοέμβριος 2009

21. **“Structural characteristics of GaN nanorods grown on Si (111) by MBE”**
Th. Kehagias, D. Kerasiotis, A. Lotsari, A.P. Vajpeyi, A. Georgakilas and Ph Komninou.
6th International Conference on Nanosciences and Nanotechnologies - NN09 (2009), Thessaloniki, July 2009.
22. **“In Vitro and in Vivo Efficient Magnetic Heating with Polymer-dressed Fe₂O₃ Nanoparticles”**
D. Tsitrouli, I. Rabias, E. Karakosta, Th. Kehagias, M. Fardis, G. Diamantopoulos, D. Stamopoulos, G. Papavassiliou
Πρακτικά 25^{ου} Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, Θεσσαλονίκη, 20-23 Σεπτεμβρίου 2009
23. **“Συμβολή της Νανοϊατρικής στην παρασκευή βιοσυμβατών νανοεπικαλύψεων για ενδαγγειακές προσθέσεις”**
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26. **“Εκτίμηση της αιμοσυμβατότητας λεπτών υμενίων άμορφου υδρογονωμένου άνθρακα ανεπτυγμένων με PECVD”**
Καβατζικίδου, Π., Λουσιγιάν, Σ., Λογοθετίδης, Σ., Πατσαλάς, Π., Χολή-Παπαδοπούλου, Θ., Παυλίδου, Ε.
1ο ΚΟΙΝΟ ΣΥΝΕΔΡΙΟ ΕΛΛΗΝΙΚΗΣ ΕΤΑΙΡΕΙΑΣ ΒΙΟΥΛΙΚΩΝ ΚΑΙ ΤΜΗΜΑΤΟΣ ΟΡΘΟΠΑΙΔΙΚΗΣ ΕΡΕΥΝΑΣ (ΕΕΧΟΤ)-ΑΘΗΝΑ, 11.27-29, 2009
27. **“Evaluation of the optical properties, stoichiometry and composition of SiO_x films on PET by ellipsometry”**
M. Gioti, S. Logothetidis
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28. ***“Effect of thickness on the optical properties of CuPc and C60 thin films for organic photovoltaic applications”***
 D. Georgiou, A. Laskarakis, S. Logothetidis, C. Gravalidis, N. Meyer, M. Heuken, M. Rusu, M. Ch. Lux-Steiner, S. Wiesner and K. Fostiropoulos
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29. ***“Effect of thickness in the optical properties of organic thin films deposited via organic vapor phase deposition”***
 A. Laskarakis, D. Georgiou, S. Logothetidis, C. Gravalidis, N. Meyer, D. Keiper, M. Heuken, M., H. Kalisch and R. H. Jansen
XXV Πανελλήνιο Συνέδριο Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών, 20-23 Σεπτεμβρίου 2009 Θεσσαλονίκη
30. ***“Νανοιατρική & Νανοχειρουργική ”***
 Σ. Λογοθετίδης
Nanomedicine & Nanosurgery, 24/11/2009, Thessaloniki, Greece
31. ***“Interaction Between Hetrostructural Interfaces and Structural Faults in GaN / Al_xGa_{1-x}N on Al₂O₃ Thin Films”***
 E.M. Pechlivani, Ch. B. Lioutas, N.Z. Vouroutzis
 Πρακτικά *XXV Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών*, Θεσσαλονίκη 20-23 Σεπτεμβρίου 2009, σελ. 48-49.
32. ***“Identification of New Nano-Scale Phases in AgPb18SbSe20 Crystals by Electron Crystallography Methods”***
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33. ***“Structural characterization of Ti/TiB2 multi-nano-layers films by means of electron microscopy techniques”***
 Ch. B. Lioutas, N. Vouroutzis, N. Frangis, N. Kalfagiannis, S. Logothetidis
 Πρακτικά *XXV Πανελληνίου Συνεδρίου Φυσικής Στερεάς Κατάστασης & Επιστήμης Υλικών*, Θεσσαλονίκη 20-23 Σεπτεμβρίου 2009, σελ. 201-281.
34. ***“The Effect of In Implantation on the Structural and Nano-Mechanical Properties of GaN”***,
 P. Kavouras, J. Arvanitidis, E. Fournou, B. Kargas, M. Katsikini, E. C. Paloura, S. Ves, W. Wesch, E. Wendler,

Proceedings of the *XXV Panhellenic Conference on Solid State Physics & Materials Science*, p. 12, (2009),

35. **“Micro-XRF and micro-EXAFS studies of an Al matrix Fe-Ni composite”**
F. Pinakidou, M. Katsikini, E.C. Paloura, G. Vourlias and G. Stergioudis
Proceedings of the *XXV Panhellenic Conference on Solid State Physics & Materials Science*, p. 135, (2009).
36. **“Effect of Indium Implantation on the Bonding Environment of GaN”**
Y.Keremi, M. Katsikini, F. Pinakidou, E. C. Paloura
Proceedings of the *XXV Panhellenic Conference on Solid State Physics & Materials Science*, p. 157, (2009).
37. **“Fe Distribution And Speciation In Human Nails”**
E. Mavromati, M. Katsikini, F. Pinakidou, E. C. Paloura, D. Gioulekas, D. Grolimund
Proceedings of the *XXV Panhellenic Conference on Solid State Physics & Materials Science*, p. 357, (2009).
38. **“Raman characterization of psoriatic and healthy nails”**
A. M. Paschou, M. Katsikini, J. Arvanitidis, S. Ves
Proceedings of the *XXV Panhellenic Conference on Solid State Physics & Materials Science*, p. 368, (2009).
39. **“Thermal degradation kinetics of in-situ prepared PET nanocomposites containing organically modified montmorillonite (MMT) nanoparticles”**
G.Antoniadis, K.M. Paraskevopoulos, D.N. Bikiaris, K. Chrissafis
Proceedings of *XXV Panhellenic Conference on Solid State Physics and Materials Science*, p.200 (Thessaloniki 2009)
40. **“Thermal degradation kinetics of the in-situ prepared PET nanocomposites containing fumed silica nanoparticles (SiO₂)”**
G.Antoniadis, K.M. Paraskevopoulos, D.N. Bikiaris, K. Chrissafis
Proceedings of *XXV Panhellenic Conference on Solid State Physics and Materials Science*, p.198 (Thessaloniki 2009)
41. **“Comparative study of the effect of different nanoparticles on the UV stability of HDPE”**
I. Grigoriadou, K. M. Paraskevopoulos, D. Bikiaris
Proceedings of *XXV Panhellenic Conference on Solid State Physics and Materials Science*, p.363 (Thessaloniki 2009)

42. ***“Spectroscopic (Mössbauer, XANES and FTIR) and Thermal Investigation of Greek Bauxites from the Parnassos-Ghiona Active Mining Area”***
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43. ***“Study of an in-Car Refrigerator Using Commercial Bi₂Te₃ Thermoelectric Modules”***
K.T. Zorbas, E. Hatzikraniotis, K.M. Paraskevopoulos and Th. Kyratsi
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44. ***“Far Infrared Spectra and Structure of (K₂S)_x(Sb₂S₃)_{100-x} Glasses”***
Th.Ch. Hasapis, E. Hatzikraniotis, K.M. Paraskevopoulos, K.S. Andrikopou-los, S.N. Yannopoulos
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45. ***“Wall painting materials and technique: The case of the famous iconographer Onoufrios”***
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Proceedings of *XXV Panhellenic Conference on Solid State Physics and Materials Science* p. 247 (Thessaloniki 2009)
46. ***“Studying Technique and Pigments of wall paintings in the Byzantine Church of “40 Holy Martyrs” in Veliko- Turnovo in Bulgaria”***
E. Sakellariou, T. Zorba, E. Pavlidou, S. Angelova, K.M. Paraskevopoulos
Proceedings of *XXV Panhellenic Conference on Solid State Physics and Materials Science* p. 217 (Thessaloniki 2009)
47. ***“Study of the Painting Materials from 4th Century B.C. Vergina Tomb”***
E. Pavlidou, A. Kyriakou, E. Mirtsou, M. Anastasiou, T. Zorba, K. M. Paraskevopoulos
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48. ***“Bioactivity Studies of Hydroxyapatite based glass-ceramics synthesized by Transferred Arc Plasma (TAP)”***
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49. ***“Bioactivity Studies of Bioactive glasses in different environments: The case of the 45S5 bioglass”***
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Proceedings of *XXV Panhellenic Conference on Solid State Physics and Materials Science* p. 365 (Thessaloniki 2009)
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E. Pavlidou, N. Civici, T. Zorba, N. Vouroutzis, K.M. Paraskevopoulos
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51. ***“Preliminary TL/OSL Characterization On Synthetic Bioactive Materials”***
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Proceedings of *XXV Panhellenic Conference on Solid State Physics and Materials Science* p. 251 (Thessaloniki 2009)
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3ο Συνέδριο Πράσινης Χημείας και Βιώσιμης Ανάπτυξης 25-27/9 (2009)
54. ***Διερεύνηση της μηχανικής αντοχής στην κάμψη και μελέτη της πιθανότητας αστοχίας πυρήνων ζirkονίας σταθεροποιημένης με υτρία για ολοκεραμικές αποκαταστάσεις”***
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29^ο Πανελλήνιο Οδοντιατρικό Συνέδριο, Ιωάννινα, 13-15 Νοεμβρίου 2009

55. ***“Εφαρμογή της μεθόδου κολλοειδούς γέλης στην παρασκευή νέων υαλοκεραμικών και σύνθετων υλικών για οδοντιατρικές εφαρμογές”***
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 Πρακτικά 1^{ου} Κοινού Συνεδρίου Ελληνικής Εταιρείας Βιολικών και Τμήματος Ορθοπαιδικής Έρευνας EEXOT (Αθήνα, 27-29 Νοεμβρίου 2009)
56. ***“A Dental ceramic/bioactive glass composite: Characterization, in vitro bioactivity and mechanical properties evaluation”***
 O.M. Goudouri, E. Kontonasaki, A. Theocharidou, L. Papadopoulou, X. Chatzistavrou, P. Koidis, K.M. Paraskevoopoulos
 Πρακτικά 1^{ου} Κοινού Συνεδρίου Ελληνικής Εταιρείας Βιολικών και Τμήματος Ορθοπαιδικής Έρευνας EEXOT (Αθήνα, 27-29 Νοεμβρίου 2009)
57. ***“Effect of the Steel Composition on the Morphology of Zinc Hot-Dip Galvanized Coatings”***
 N. Pistofidis, E. Pavlidou, K. Chrissafis, G. Vourlias
 Proceedings of XXV Panhellenic Conference on “Solid State Physics and Materials Science”, Thessaloniki, September 20-23, 2009, pp. 139-140.
58. ***“Comparative examination on structure and oxidation behavior of pack cementation zinc coated and not coated copper alloys substrates”***
 D. Chaliampalias, G.Vourlias, E. Pavlidou, G. Stergioudis, K. Chrissafis
 Proceedings of XXV Panhellenic Conference on “Solid State Physics and Materials Science”, Thessaloniki, September 20-23, 2009, pp. 147-148.
59. ***“Influence of Al and Cr alloying elements on the structure and corrosion resistance of zinc coatings formed by pack cementation process”***
 M. Papazoglou, D. Chaliampalias, G. Vourlias, E. Pavlidou, S. Skolianos, G. Stergioudis
 Proceedings of XXV Panhellenic Conference on “Solid State Physics and Materials Science”, Thessaloniki, September 20-23, 2009, pp. 149-150.
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