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CURRICULUM VITAE

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Kavala,
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NATIONALITY: Greek

YEAR AND PLACE OF BIRTH: 1965, Kavala, Greece.

MARITAL STATUS Married, two sons

PRESENT POSITION HELD Professor of Electronics and Signal Processing in
Electrical Engineering, TEI of Kavala.

EDUCATION:

UNIVERSITY	DEGREE	YEAR GRANTED
1. University of Thessaloniki (Hellas)	Degree (Physics)	1987
2. University of Thrace (Hellas)	Ph.D (Electrical Engineering & Computer Engineering)	1992

SCHOLARSHIPS:

1. Institution of National Scholarships, 1984-1986
2. Special Postgraduate Scholarship, 1989-1992

POSITION HELD:

DATES	EMPLOYER	POSITION
1989-1992	Democritus University of Thrace	Research Assistant
1992-1999	Democritus University of Thrace	Post Doctoral Research Fellow
1999-2000	Democritus University of Thrace	Lecturer (Acc. To PD 407/80)
2000-2007	Democritus University of Thrace	Assistant Professor (Acc. To PD 407/80)
1992-2005	Kavala Institute of Technology	Research Fellow
2005-2010	Kavala Institute of Technology	Associate Professor
2010- present	Kavala Institute of Technology	Professor

TEACHING EXPERIENCE

Department/ University

Dept. of Electrical Engineering
Kavala Institute of Technology.

- Electronics I, II
- Signal Processing
- Materials Technology
- Measurements Technology
- Telecommunications

Dept. of Industrial Informatics
Kavala Institute of Technology.

- Electronics I
- Electrical Circuits
- Materials Technology

Dept. of Product and
Management Engineering,
Democritus University of
Thrace.

- Superconductors and their Applications
- Automated Electronic Measurements
- Multimedia

Dept. of Electrical and
Computer Engineering,
Democritus University of
Thrace.

PARTICIPATION IN RESEARCH PROGRAMS

Participation in nine research Programs with the follow Sponsors

- “Deposition and characterization of new amorphous semiconductor materials”,
Research Committee of the Democritus Univ. of Thrace. (1989-1990)

- “Improving the infrastructure of the Department of Electrical Engineering, Democritus University of Thrace for Research and Technological Development (establishment of linkages with R & D ”), The Greek Ministry of Industry, Energy and Technology, and the Democritus University of Thrace (Research Committee)- "STRIDE HELLAS 8" (Project Leader) . (1992- 1994)
- “Technology of amorphous semiconductors and photovoltaic cells for the exploitation of solar energy”, The Greek Ministry of Industry, Energy and Technology (General Secretariat of Research and Technology), PENED. (1991-1993)
- “Design, Construction, Design and Optimization LED Silicon (Si) with high quantum efficiency in the blue area of the visible spectrum. ", The Greek Ministry of Industry, Energy and Technology (General-Secretariat for Research and Technology) , PENED. (1996-1998)
- “Development of advanced textile and other flexible materials with solar cells " The Greek Ministry of Development, General Secretariat For Research & Technology and Democritus University of Thrace (Research Committee). (2006-2008)
- “Modeling and control of electrical machines in the interconnected power system” The Greek Ministry of Education, ARHIMIDIS II . (2004-2006)
- “Optimization of the sensitivity of the optical sensor of the type Al / a-SiC: H / c-Si (n) by thermal annealing”, Research and Fund Administration Committee of Kavala Institute of Technology (2006-2009) (**Coordinator**)
- “Optimization of power factor in the operational area of Kavala, Compilation and evaluation project”, Research and Fund Administration Committee of Kavala Institute of Technology (2006-2009)
- “Valasia” , The Greek Ministry of Development, General Secretariat For Research & Technology (“SYNERGASIA”), (It has approved)

RESEARCH AREAS OF INTEREST

1. Amorphous Materials (a-Si, a-SiC), Amorphous/Crystalline Heterojunctions, Devices and Applications.
2. Electronic and Optoelectronic Semiconductor Devices.

3. Optical and Temperature Sensors.
4. Test and Measurements Low Level Signals.
5. Non- Linear Electronic Circuits.
6. Signal Processing.
7. EconoPhysics, SocioPhysics

Ph.D Thesis

1. L.Magafas "Deposition, Properties and Applications of Amorphous Semiconductor Alloys", Xanthi 1992.

PUBLICATION

Refereed Journal Papers

1. L. Magafas, A. N. Anagnostopoulos and J. G. Antonopoulos, 1989, "On the Conductivity of Amorphous CdS Films", Physica Status Solidi (a) 111, K 175.
2. L. Magafas, N. Georgoulas, D. Girginoudi and A. Thanailakis, 1991, "The Dependence of Electrical and Optical Properties of RF Sputtered Amorphous Silicon-Carbon Thin Films on Substrate Temperature and Hydrogen Flow Rate", Physica Status Solidi (a), 126, p.143 .
3. L. Magafas, N. Georgoulas, D. Girginoudi and A. Thanailakis, 1992, "Structural and Optical Properties of a-SiC:H Thin Films", Journal of Non-Crystalline Solids, 139, p.146 .
4. L. Magafas, N. Georgoulas and A. Thanailakis, 1992 , "Electrical Properties of a-SiC/c-Si(p) Heterojunctions", Semiconductor Science and Technology, 7, p.1363 .
5. N. Georgoulas, L. Magafas and A. Thanailakis, 1993 , "A Study of a-SiC/c-Si(n) Isotype Heterojunctions", Active and Passive Electronic Components, 16, p.55.

6. J.A. Kalomiros, A. Papadopoulos, S. Logothedidis, L. Magafas, N. Georgoulas and A. Thanailakis, 1994, "Optical Properties of a-SiC:H Grown by RF Sputtering", *Physical Review B*, 49, p.8191.
7. L. Magafas, N. Georgoulas and A. Thanailakis, 1997, "The Influence of Metal Work Function on Electrical Properties of Metal/a-SiC:H Schottky Diodes", *Microelectronics Journal* 28 (2), p.107.
8. L. Magafas, N. Georgoulas and A. Thanailakis, 1998, "The a-SiC/c-Si(n) Isotype Heterojunction as a High Sensitivity Temperature Sensor", *Active and Passive Electronic Components* 20, p.225.
9. L. Magafas 1998, "The Effect of Thermal Annealing Temperature on the Optical Properties of a-SiC:H Thin Films", *Journal of Non-Crystalline Solids* 238, p.158.
10. L. Magafas, N. Georgoulas and A. Thanailakis, 2002, "Optical response of Al/a-SiC/c-Si(p) heterojunction structure", *Microelectronics Journal* 33, p.761.
11. L. Magafas, 2003, "Optical Response Study of the Al/a-SiC:H Schottky Diode for Different Substrate Temperatures of the RF Sputtered a-SiC:H Thin Film", *Active and Passive Electronic Components* 26(2), p.63.
12. C. Koliopanos, I. M. Kyrianiadis, I. N. Stouboulos, A. N. Anagnostopoulos and L. Magafas, 2003, "Chaotic Behaviour of a Fourth - Order Autonomous Electric Circuit", *Chaos Solitons & Fractals*, 16, p.173.
13. L. Magafas, J. Kalomiros, D. Bandekas, G. Tsirigotis, 2006, "Optimization of the electrical Properties of Al/a-SiC:H Schottky diodes by means of thermal annealing of a-SiC:H thin films", *Microelectronics Journal*, 37,p.1352.

14. L. Magafas, D. Bandekas, A.K. Boglou and A.N. Anagnostopoloulos, 2007, "Electrical Properties of Annealed a-SiC:H Thin Films", *Journal of Non Crystalline Solids*, 353, p.1065.
15. L. Magafas, C. Mertzaniadis, D. Bandekas, N. Athanasiades, 2007, "Thermal annealing effects on the optical and electrical properties of a-SiC:H thin films sputtered at different hydrogen flow rates", *Journal of Optoelectronics and Advanced Materials*, 9, p.2030.
16. P. Papadopoulou, N. Georgoulas, L. Magafas, 2007, "A study of the optical response speed of silicon Bulk Barrier photodiodes based on simulation results", *Optoelectronics and Advanced Materials Rapid-Communications*, 1 (8), p.379.
17. C. Mertzaniadis and L. Magafas, 2007, "Far - field radiation characteristics in a dielectric environment", *Optoelectronics and Advanced Materials Rapid Communications*, 1 (9). 457.
18. L. Magafas, J. Kalomiros, 2007, "Optimization of Al/a-SiC:H optical sensor device by means of thermal annealing.", *Microelectronics Journal*, 38, p.1196.
19. C. Mertzaniadis and L. Magafas, 2007, "Reflection effects in stratified dielectric structures", *Journal of Optoelectronics and Advanced Materials*, 9 (12), p.3946.
20. D. Bandekas, N. Vordos, K. Tarchanidis, L. Magafas, G. Tsirigotis, 2007, "Optimum Selection based on the Energy Capacity between Different Types of Renewable Sources using a Controller", *Electronics and Electrical Engineering*, 8 (80), p.9.
21. L. Magafas, 2008, "Study of optimization of Al/a-SiC:H Schottky diodes by means of annealing process of a-SiC:H thin films sputtered at three different hydrogen flow rates", *Journal of Engineering Science and Technology Review*, 1 , p.4.

22. M. P. Hantias, L. Magafas, J. Kalomiros, 2008, "Non-Linear Analysis in RL-LED Optoelectronic Circuit", *Optoelectronics and Advanced Materials Rapid-Communications*, 2 (2), p.126.
23. J. A. Kalomiros, S.G. Stavrinides, A.N. Miliou, I.P. Antoniadis, L. Magafas, and A.N. Anagnostopoulos, 2009, "The nonlinear current behaviour of a driven R-L-Varactor in the low frequency range", *Nonlinear Analysis: Real World Applications*, 10(2), pp. 691-701.
24. L. Magafas, N. Batzolis, C. Mertzaniadis, 2008, "Frequency and Time Domain reflection response of stratified dielectric structures", *Journal of Optoelectronics and Advanced Materials* 10 (6), p.1396.
25. L. Magafas, 2008, "Study of optical sensors of the form Al/a-SiC:H/c-Si(n) with high sensitivity", *Journal of Engineering Science and Technology Review* 1, p.41.
26. N. Batzolis, V. Kratidis, L. Magafas, C. Mertzaniadis, 2008 " Electromagnetic Directivity Effects of Dielectric Materials", *European Journal of Scientific Research*, 23 (4).
27. S. G. Stavrinides, A. N. Miliou, A. N. Anagnostopoulos, V. Konstantakos, Th. Laopoulos and L. Magafas, 2009, "Desynchronization Crisis Induced Intermittency in a Master - Slave PLL Configuration". *Chaos Solitons & Fractals*, 42(1), pp. 33-39.
28. M. P. Hantias, L. Magafas, 2009, "Time Series Cross Prediction in a single Transistor Chaotic Circuit Neural Networks", *Journal of Engineering Science and Technology Review*, 2 (1) , p.8
29. S. G. Stavrinides, A. N. Anagnostopoulos, A. N. Miliou, A. Valaristos, L. Magafas, k. Kosmatopoulos and S. Papaioannou, 2009, "Digital Chaotic

Synchronized Communication System” , Journal of Engineering Science and Technology Review, 2 (1) , p.82.

30. M. P. Hantias and L. Magafas, 2009, “Application of Physics Model in prediction of the Hellas Euro election results”, Journal of Engineering Science and Technology Review, 2 (1) , p.104.
31. M. P. Hantias and L. Magafas, 2009, “Application of Physics Model in prediction of the Hellas National election results ”, Journal of Engineering Science and Technology Review, 2 (1) , p.112.
32. M.Hantias , T.Stathakis, P.Antoniades, L.Magafas and D.Bandekas, “A study of the Regional Growth Domestic Product of East Macedonia Thrace by using a Neural Network Model.”, Submitted for publication in International Journal of Productivity Management and Assessment Technologies (IJPMAT).

Refereed Conference-Proceedings Papers

1. L.Magafas, N.Georgoulas, D.Girginoudi and A.Thanailakis, Sept. 1988, “R.F.Sputtered a-SiC:H Thin Films”,Proc.of IV National Conference on Solid State Physics, pp.269-273, Athens, Greece.
2. L.Magafas, N.Georgoulas, D.Girginoudi and A.Thanailakis, Nov. 1988, “A Study of Electrical and Optical Properties of a-SiC:H for Photovoltaic Conversions”, Proc. 3rd Renewable Energy Sources National Conference, pp.431-440, Thessaloniki, Greece.
3. L.Magafas, N.Georgoulas, D.Girginoudi and A.Thanailakis, Sept. 1989, “The Effect of Growth Conditions on the Properties of a-SiC:H Thin Films”, Proc.of V National Conference on SolidState Physics, pp.167-172, Xanthi, Greece.

4. L.Magafas, N.Georgoulas, D.Girginoudi and A.Thanailakis, April. 1990, "The Influence of Deposition Conditions on the Properties of a-SiC:H Thin Films", MRS Symp.Proc.Vol. 192, pp 589-594, San Fransisco, California, U.S.A.
5. L.Magafas, N.Georgoulas and A.Thanailakis, Sept. 1991, "Studies of Electrical Properties of a-SiC/c-Si Heterojunctions" Proc.of VI National Conference on Solid State Physics, pp.316-320, Thessaloniki, Greece.
6. L.Magafas, N.Georgoulas and A.Thanailakis, Sept. 1992, "Heterojunctions of a-SiC/c-Si(p) Type as Photovoltaic Cells", Proc. 4th Renewable Energy Sources National Conference, Vol B , H.E.F. pp.62-67, Xanthi, Greece.
7. J.Kalomiros, E.Paloura, N.Georgoulas, A.Ginoudi, S.Kennou,L.Ladas, A.Anagnostopoulos, J.Spiridelis, D.Girginoudi, L.Magafas, N.Georgoulas, A.Thanailakis, Sept. 1994 "Ex-situ Hydrogenation of Amorphous Silicon Carbon Thin Films Deposited by R.F. Sputtering" Proc.of X National Conference on Solid State Physics, pp.211-214, Delphi, Greece.
8. D.Girginoudi, L.Kilindireas, L.Magafas S.Girginoudi L.Georgopoulos, E.Dimitriades A.Thanailakis and N.Georgoulas , March 1995, " Technological Surface Processing of CVD and PVD , and Their Applications in Greece" Meeting of Technical Chamber with the Subject "Special Surface Technologies and Applications in Greece", Proc. Pp.145-167, Athens, Greece.
9. L.Georgopoulos, N.Georgoulas , L.Magafas and A.Thanailakis Sept. 1995, "Study of Electrical Properties of Bulk Burrier Diodes (BBD) ", Proc.of XI National Conference on Solid State Physics, pp.15-19, Xanthi, Greece.
10. L.Magafas, N.Georgoulas and A.Thanailakis, Sept. 1996, "Isotype Heterojunction of a-SiC/c-Si(n) Heterojunctions" Proc.of XII National Conference on Solid State Physics, pp.116-120, Crete, Greece.

11. L.Magafas, G.Heristanides, "Teaching Methods in Environmental Education by using Information and Communication Technologies", Proc. Of 1st Conference of Environmental Education , Korinthos September 2006.
12. L.Magafas, J.Kalomiros, D.Bantekas, "Optimization of the electrical Properties of Al/a-SiC:H Schottky diodes by means of thermal annealing of a-SiC:H thin films" Proc. of Panhellenic Conference of Physics, Larissa April 2006.
13. N.Athanasiadis, D.V.Bandekas, L.Magafas and E.Athanasiadis, "Modeling and Application of Facts Devices at the Interconnected South East European Region", Sixth IASTED International Conference, European Power and Energy Systems, Rhodes, Greece, June 26-28, p.57, 2006.
14. L. Magafas, "Study of optical sensors of the form Al/a-SiC:H/c-Si(n) with high sensitivity", Proc. of Panhellenic Conference of Physics, Kavala March 2008.
15. M.P.Hanias, L.Magafas, "DemoscopoPhysics a new Interdisciplinary Research Field", Proc. of 3rd International Interdisciplinary Chaos Symposium on Chaos and Complex Systems, May 21-24, 2010, Konstantinoupoli, Turkey. (In Press).

Books – Lecture Notes

1. L.Magafas and J.Karafyllides, "Exercise of Microelectronics I " Democritus University of Thrace, Xanthi 1993
2. L.Magafas, Toumpektsis "Measurement Systems" Kavala Institute of Technology, Kavala 2009.
3. L.Magafas "Exercise of Materials Tehnology" Democritus University of Thrace, Xanthi 2002.
4. L.Magafas " Basic Electronics" Kavala Institute of Technology, Kavala 2007.
5. L.Magafas "Signal Processing and Applications" Kavala Institute of Technology, Kavala 2008.
6. L.Magafas "Excell of Works" for Secondary School, Kavala 1999.

Editing

J.P. Bentley, "Principles of Measurement Systems" , Pearson Prentice Hall, 2004.

Editing in Greece by N.Koliopoulos, D.Bandekas, L.Magafas.

Membership in Scientific Societies

Panhellenic Union of Physics

President of Local Union in Kavala since 2009.

As Member of Conferences Scientific Committee

Member of the Scientific Committee of the International Conference on EconoPhysics
Kavala 2,3 June, 2011.

Member of the Scientific Committee of the 12th Panhellenic Conference on Physics,
Kavala March 2008.

As Member of Conferences Organizing Committee

Chairman of the Organizing Committee of the International Conference on
EconoPhysics Kavala 2,3 June, 2011.

Member of the Local Organizing Committee of the 12th Panhellenic Conference on
Physics, Kavala March 2008.

As Member of Editorial Board

Journal of Engineering Science and Technology Review (Editorial Board)

International Journal of Productivity Management and Assessment Technologies
(IJPMAT)

Optoelectronics and Advanced Materials - Rapid Communications (Advisory
Editorial Board)

Guest Editor of Special Issue of 12th Conference of Hellenic Physical Society.

As Journal Reviewer

Journal of Engineering Science and Technology Review (Editorial Board)

Physical Review B

Thin Solid Films

Citation Index

1. E. Dufresne, D. Brodie, Canadian Journal of Phys., 69, p.124, 1991
Referred to J.Paper B.1

2. E. Dimitriadis, N. Georgoulas, A. Thanailakis,
Electronics Letters , 28, p.1622, 1992,
Referred to J.Paper 4

3. U. Giorgianni, V. Grasso, N. Nardi, F. Neri, S. Trusso, Nuovo Cimento Della
Societa Italiana DiFisica D-Condensed Matter Atomic Molecular and
Chemical Physics Fluids Plasma Biophysics, 15, p.917, June 1993.
Referred to J.Paper 3

4. M. Abboudi, A. Mosset, Journal of Solid State Chemistry, 15, p.917, 1993.
Referred to J.Paper 1

5. L. Maya, Journal of Vacuum Science and Technology, 12, p.754, 1994.
Referred to J.Paper 3

- 6.V. Drinek, J. Pola,
Ceramics Silikaty , 38, p.37, 1994.
Referred to J.Paper 2

7. M.A. Grado Gaffaro, M.Grado Gaffaro,
Active and Passive Electronic Components, 11, p.109, 1994.
Referred to J.Paper 3.

8. S. Kennou, S. Ladas, E. Paloura, J. Kalomiros,
Applied Surface Science, 90, p.283, 1995.
Referred to J.Paper 2 .

9. J. Kalomiros, E. Paloura, A. Ginoudi, S. Kennou, S. Ladas, L. Lioutas, N. Vouroutsis, G. Voutsas, D. Girginoudi, N. Georgoulas, A. Thanailakis.
Solid State Communications 96, p.735, 1995,
Referred to J.Paper 6
10. S. Kennou S. Ladas, E. Paloura, J. Kalomoiros, A. Ginoudi, E. Paloura, R. Johnson..
Applied Surface Science, 90, p.283, 1995.
Referred to J.Paper 6.
11. E. Dimitriadis, D. Girginoudi, A. Thanailakis, N. Georgoulas.
Semiconductor Science and Technology, 10, p.523, 1995,
Referred to J.Paper 4
12. C. Janowitz, J. Kalomoiros, A. Ginoudi, E. Paloura, R. Johnson.
Solid State Communications, 99, p.29, 1996.
Referred to J.Paper 6
13. H. Yan, R. Kwok, S. Wong
Diamond and Related Materials 5, p.556, 1996.
Referred to J.Paper 4 .
14. A. Lane, A. Mazzasalma, S. Rizzo, G. Mondio
Nuclear Instruments & Methods in Physics Research Section B, 116 (1-4),
p.338, 1996.
Referred to J.Paper 6 .
15. R. Rizk, A. Achiq, R. Madelon, F. Gourbilleau, F. Cruege,
Diffusion and Defect Data Pt.B: Solid State Phenomena, 51-52, p.243, 1996.
Referred to J.Paper 6.
16. J. Kalomiros, E. Paloura, C. Janowitz, B. Theys, A. Anagnostopoulos,

Diamond and Related Materials 6 (10), p.1547, 1997.

Referred to J.Paper 6.

17. T. Brown, C. Bittencourt, M. Sebastian, F. Evangelisti ,

Physical Review B, 55, p.9904, 1997.

Referred to J.Paper 4 .

18. L. Marsal, J. Pallares, X. Correig, M. Dominguez, D. Bardes, J. Caldera, R.

Alcubilla,

Diamond and Related Materials, 6, p.1555, 1997.

Referred to J.Paper 4

19. M. van Cleef, F. Rubinelli, R. Rizzoli, R. Pinghini, R. Schropp, W. F. Van

der Weg,

Japanese Journal of Applied Physics (Part 1), 37, p.3926, 1998.

Referred to J.Paper 4

20. S. Truso, C. Vasi, F. Barreca, F. Neri,

Journal of Vacuum Science & Technology, 16, p.3020, 1998.

Referred to J.Paper 3

21. L. Marsal, J. Pallares, X. Correig A. Orpella, D. Bardes, R. Alcubilla,

Semicond. Science and Technology, 13, p.1148, 1998.

Referred to J.Paper 4

22. M. van Cleef, R. Schropp, F. Rubinelli

Applied Physics Lett., 73, p.2609, 1998.

Referred to J.Paper 4

23. E. Dimitriadis, N. Georgoulas, A. Thanailakis,

Microelectronics Journal, 29, p.5, 1998,

Referred to J.Paper 4

24. L. Marsal, J. Pallares, X. Correig, A. Orpella, D. Bardes, R. Alcubilla,
Journal of Applied Physics 85, p. 1216, 1999
Referred to J.Paper 4
25. T. Barancira, R. Moons, G. Koops, W. Deweerdt, H. Pattyn, N. Tzenov
Brown,
Journal of Non-Crystalline Solids, 244, p. 189, 1999.
Referred to J.Paper 6.
26. D. Fan, "The Study of Photoluminescence and electron transfer of C₆₀
coupling with Porous Silicon", X. Wu (Supervisor) Nanjing University, June
1999.
Referred to J.Paper 2.
27. R. Murri, N. Pinto, G. Ambrosone, U. Coscia,
Physical Review B, 62, p1801, 2000.
Referred to J.Paper 9.
28. Y.U. Jeong, A. Manthiram,
Inorganic Chemistry, 40, p.73, 2001.
Referred to J.Paper 1.
29. A.N. Nazarov, Y.N. Vovk, V.S. Lysenko, V.I. Turchanikov, V.A.
Scryshevskii, S. Ashok,
Journal of Applied Physics, 89, p.4422, 2001.
Referred to J.Paper 4.
30. Kim, Hygeon-Cheol
Journal of The Korea Vacuum Society, 10 (1), p.104 2001
Referred to J.Paper 7.
31. Kim, Hygeon-Cheol
Journal of The Korea Vacuum Society, 10 (1), p.104 2001

Referred to J.Paper 10.

32. S. Kerdiles, A. Berthelot, R. Rizk, L. Pichon

Applied Physics Letters, 80, 3772, 2002.

Referred to J.Paper 4.

33. M.G. Park, W.S. Choi, J. - H. Boo, Y.T. Kim, D.H. Yoon and B. Hong ,

Journal de Physique, 12 , Pr 4- 155, 2002

Referred to J.Paper 9.

34. R. Murri, N.Pinto, G.Ambrosone, U. Coscia, P. Musto

J.of Non- Crystalline Solids 299, p.902, 2002.

Referred to J.Paper 9.

35. R.Murri, N.Pinto, S.Giuliodori,

Journal of Materials Science-Materials in Electronics 14 (5-7), p.341, 2003.

Referred to J.Paper 9.

36. Mme Héloïse Colder,

Doctorat de l'Université de Caen, 2002

Referred to J.Paper 6

37. X.Yang, M.Guillorn, D.Austin, A.Melechko, H.Cui, H.Meyer, V.Merkulov,

M.Simpson,

Nano Letters 3(12), p.1751, 2003.

Referred to J.Paper 5

38. Brassard, M. El Khakani

J.Applied Phys.93 (7) ,p.4066, 2003

Referred to J.Paper 9.

39. N.O.Plank, L. Jiang, A.M. Gundlach, R. Cheung,

Journal of Electronic Materials, 32, N.9, p.964, 2003

Referred to J.Paper 4.

40. F. Marsal, I. Martin, J. Pallares, A. Orpella, R. Alcubilla,
Journal of Applied Physics 94 (4), p.2622, 2003.

Referred to J.Paper 4.

41. X. Peng, J. Meng, J. Chen, L. Song, X. Hu,
Journal of Chinese Ceramic Society 31 (7), p.654, 2003.

Referred to J.Paper 6.

42. V. Ivashchenko, P. Turchi, V. Shevchenko, L. Ivashchenko, G. Rusakov,
Journal of Physics Condensed Matter 15 (24), p.4119, 2003.

Referred to J.Paper 9.

43. X. Peng, J. Meng, J. Chen, L. Song, X. Hu,
Journal of Chinese Ceramic Society 31 (7), p.654, 2003.

Referred to J.Paper 9.

44. Xiaojing Yang, Michael A. Guillorn, Derek Austin, Anatoli V. Melechko,
Hongtao Cui,^{||} Harry M. Meyer III,[⊥] Vladimir I. Merkulov, J. B. O.
Caughman, Douglas H. Lowndes,^{||} and Michael L. Simpson,
Nano Letters, American Physical Society, 3 (12), p.1751, 2003.

Referred to J.Paper 5.

45. J. Xu, B. Han, P. Li, D. Zhong, H. Wu.
Chinese Journal of Sensors and Actuators 17 (1), p.31, 2004.

Referred to J.Paper 7.

46. O.K. Porada, V.I. Ivashchenko, L.A. Ivashchenko, G.V. Rusakov, S.N. Dub,
and A.I. Stegnij,
Surface & Coatings Technology, 180-181, p.122, 2004.

Referred to J.Paper 9.

47. M. Okuya, K. Shiozaki, N. Horikawa, T. Kosugi, G. Kumara, J. Madarasz, S. Kaneko, G. Pokol,
Solid State Ionics 172, p.527, 2004.
Referred to J.Paper 10.
48. P. Rosales Quintero, A. Torres Jacome, R. Murphy Arteaga, M .Landa Vazquez,
Semiconductor Science and Technology, 19 (3), p.366, 2004.
Referred to J.Paper 4.
49. S. Stavriniades, K. Kyritsi, N. Deliolanis, A. Anagnostopoulos, A. Tamasevicious, A. Cenys,
Chaos Solitons and Fractals 20 (4), p.845, 2004.
Referred to J.Paper 12.
50. S. Stavriniades, K. Kyritsi, N. Deliolanis, A. Anagnostopoulos, A. Tamasevicious, A. Cenys,
Chaos Solitons and Fractals 20 (4), p.849, 2004.
Referred to J.Paper 12.
51. J.H. Zhao, K. Sheng, R. Lebron Velilla,
International Journal of High Speed Electronics and Systems 15 (4), p.821, 2005.
Referred to J.Paper 7.
52. P. Simon, H. Lichte, D. Monter, W. Reschetilowski, A. Valera, W. Carrolo-Cerbera,
Zeitschrift für Anorganische und Allgemeine Chemie 631 (6-7), p.983, 2005.
Referred to J.Paper 6
53. D.Porada, G.Rusakov, L.Ivaschhenko, V. Ivashchenko, V.Popov, S.Dud,
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