Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	Nicu Doinel SCARISOREANU
Address(es)	Bucharest, Romania
Telephone(s)	+40 21 457 4414 Mobile: +40 743147347
Fax(es)	+40 21 457 4467
E-mail	snae@nipne.ro
Nationality	Romanian
Date of birth	31.07.1977
Gender	male

Work experience

Dates	2007 - present
Occupation or position held	Scientific Researcher III
Main activities and responsibilities	Scientific research in the filed of material processing using laser-plasma hybrid techniques.
Name and address of employer	National Institute for Laser, Plasma and Radiation Physics, Atomistilor 409, Magurele, Romania
Type of business or sector	Scientific Research
Dates	2004-2007
Occupation or position held	Scientific Researcher
Main activities and responsibilities	- Thin films deposition of oxide and nitride materials using laser ablation and laser-plasma hybrid techniques (radiofrequency assisted pulsed laser deposition). - Laser processing of soft materials using pulsed laser evaporation. - Structural, compositional and electrical characterisations of nanoscaled heterostructures.
Name and address of employer	National Institute for Laser, Plasma and Radiation Physics, Atomistilor 409, Magurele, Romania
Type of business or sector	Scientific Research
Dates	2001-2004
Occupation or position held	Assistant Researcher
Main activities and responsibilities	- Laser processing of materials by laser ablation. - Study of dielectric and ferroelectric thin films properties: morphologic, structural and electrical.
Name and address of employer	National Institute for Laser, Plasma and Radiation Physics, Atomistilor 409, Magurele, Romania
Type of business or sector	Scientific Research

Education and training

Dates	2002-2007
Title of qualification awarded	Doctor of Science (summa cum laude)
Principal subjects/occupational skills covered	- Optics, Spectroscopy, Plasma and Lasers Physics. - Synthesis by laser ablation and characterization of ferroelectric heterostructures. - Theoretical and experimental study of laser processing of ferroelectric lead-based and lead-free materials. - Dielectric spectroscopy studies on ferroelectric thin films.
Name and type of organisation providing education and training	University of Bucharest, Faculty of Physics

Dates	2005-2006
Title of qualification awarded	Marie Curie PhD fellowship
Principal subjects/occupational skills covered	- Synthesis and characterization of ferroelectric thin films by MOCVD and laser techniques. - Lead free material design and deposition for microwave applications.
Name and type of organisation providing education and training	- Angstrom Institute, Uppsala University, Uppsala, Sweden.
Dates	1996-2001
Title of qualification awarded	Physicist
Principal subjects/occupational skills covered	Optics, Spectroscopy, Plasma and Lasers Physics.
Name and type of organisation providing education and training	University of Bucharest, Faculty of Physics

Personal skills and competences

Mother tongue(s): Romanian

Other language(s)

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	B2	Independent user	C1	Proficient user	B1	Independent user	B2	Independent user	C1	Proficient user
French	C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user

(*) Common European Framework of Reference for Languages

Social skills and competences: Flexible and communicative nature, team spirit.

Organisational skills and competences:

Manager of 2 scientific projects in the period 2007-2011:

-1. Project Manager: IDEAS 552, 2009 – 2011: Advanced research on the synthesis of NBT-BT ferroelectric thin films obtained by RF discharge assisted pulsed laser deposition.

Important scientific results of the project: International Conference on Laser Ablation (COLA) 2009: the presented paper "Lead-free ferroelectric thin films obtained by pulsed laser deposition" was awarded with "Third Prize Award" by the International Society of Laser Ablation.

-2. Project Manager: Grant CNCSIS 126/2007: Synthesis of thin films of new ferroelectric materials with applications in electronics.

Important scientific results of the project: European Materials Research Society international award "Best Poster Award" for the paper "*Structural and electrical characterization of lead-free ferroelectric $Na_{1/2}Bi_{1/2}TiO_3$-$BaTiO_3$ thin films obtained by PLD and RF-PLD*" , E-MRS 2007 Spring Meeting .

Technical skills and competences:

- Experiments design and synthesis of multifunctional thin film heterostructures by various deposition techniques: Pulsed Laser Deposition (PLD), Pulsed laser deposition assisted by RF discharge, RF magnetron sputtering, Chemical vapor deposition.
- Synthesis of test heterostructures with ferroelectric and piezoelectric properties.
- Soft materials thin film deposition: MAPLE deposition of polymer ferroelectric properties
- Thin films characterization: structural (XRD), compositional (SIMS) and electrical (dielectric, ferroelectric, ferromagnetic).

Computer skills and competences: Mathematica, AutoCAD, LabView.

Driving licence: Yes

Additional information

See Annexes.

Annexes

Research stages:

- September 2002 - October 2002, "O. M. Corbino" Institute of Acoustics, Italy – research stage, Romania-Italy intergovernmental project "Oxide materials with dielectric and piezoelectric properties, metallic membranes"
- October 2004 - November 2004, "O. M. Corbino" Institute of Acoustics, Italy – research stage, Romania-Italy intergovernmental project "Oxide materials with dielectric and piezoelectric properties, metallic membranes"

International awards:

- European Materials Research Society "Young Scientist Award" – E-MRS 2004 Spring Meeting for the paper "*Properties of ZnO thin films prepared by radio-frequency plasma beam assisted laser ablation"*

- European Materials Research Society "Best Poster Award" – E-MRS 2007 Spring Meeting for the paper "*Structural and electrical characterization of lead-free ferroelectric* $Na_{1/2}Bi_{1/2}TiO_3$-$BaTiO_3$ *thin films obtained by PLD and RF-PLD".*

- "Third Prize Award" for the paper "*Lead-free ferroelectric thin films obtained by pulsed laser deposition*" (COLA 2009), International Society of Laser Ablation.

Patents

1. "INDUCING HYDROGEN INTO RF PLASMA AND LASER PROCESSING OF STRUCTURAL FAULTS IN SILICON IN ORDER TO TRANSFER MONO CRYSTALLINE LAYERS WITH THICKNESSES UNDER 50 NM"

Patent Number(s): RO125409-A0

Inventor(s): GHICA C, NISTOR L C, SCARISOREANU N D, TEODORESCU V S, VIZIREANU S

Patent Assignee Name(s) and Code(s):INST NAT CERC DEZVOLTARE FIZICA TEHNICA (NADE-Non-standard).

Derwent Primary Accession Number: 2010-J59977 [59]

International Patent Classification: H01L-021/02; H01L-021/268; H01S-005/00.

2. "PROCESS FOR PERIODICAL STRUCTURING OF THIN SOL-GEL OXIDE LAYERS BY PROCESSING WITH COHERENT LASER BEAM IN PULSED MODE CONDITIONS"

Patent Number(s): RO125349-A0

Inventor(s): DINESCU M, GHICA C, NISTOR L C, SCARISOREANU N D, TEODORESCU V S

Patent Assignee Name(s) and Code(s):INST NAT CERC DEZVOLTARE FIZICA TEHNICA (NADE-Non-standard)

Derwent Primary Accession Number: 2010-J59703 [58]

International Patent Classification: H01L-021/02; H01L-021/268

Published papers

1. *Selective removal and patterning of a Co/Cu/Co trilayer created by femtosecond laser processing*, Author(s): Ulmeanu, M ; Filipescu, M ; Scarisoreranu ND; Georgescu, G; Rusen, L ; Zamfirescu, M , Source: APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING Volume: 104 Issue: 1 Pages: 247-255 DOI: 10.1007/s00339-010-6119-9 Published: JUL 2011

2. *Laser treatment of plasma-hydrogenated silicon wafers for thin layer exfoliation*, Author(s): Ghica, C; Nistor, LC; Teodorescu, VS; Maraloiu, A ; Vizireanu, S ; Scarisoreranu ND; Dinescu, M, Source: JOURNAL OF APPLIED PHYSICS Volume: 109 Issue: 6 Article Number: 063518 DOI: 10.1063/1.3560538 Published: MAR 15 2011.

3. *Lead-free ferroelectric thin films obtained by pulsed laser deposition*, Author(s): Scarisoreranu ND; Craciun, F; Chis, A ; Birjega, R; Moldovan, A; Galassi, C; Dinescu, M, Source: APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING Volume: 101 Issue: 4 Special Issue: SI Pages: 747-751 DOI: 10.1007/s00339-010-5933-4 Published: DEC 2010.

4. *Optical and structural studies on Ba(Mg(1/3)Ta(2/3))O(3) thin films obtained by radiofrequency assisted pulsed plasma deposition,* Author(s): Scarisoreranu ND; Galca, AC; Nedelcu, L; Ioachim, A; Toacsan, MI; Morintale, E ; Stoica, SD ; Dinescu, M, Source: APPLIED SURFACE SCIENCE Volume: 256 Issue: 22 Pages: 6526-6530 DOI: 10.1016/j.apsusc.2010.04.041 Published: SEP 1 2010.

5. *Impedance spectroscopy study of relaxor ferroelectric PLZT thin films obtained by PLD and RF-PLD,* Author(s): Craciun, F; Dinescu, M; Scarisoreranu ND; Capiani, C; Galassi, C; Morintale, E, Editor(s): Muralt, P; Kosec, M; Raineri, V; Ravesi, S, Source: FUNDAMENTALS AND TECHNOLOGY OF MULTIFUNCTIONAL OXIDE THIN FILMS (SYMPOSIUM G, EMRS 2009 SPRING MEETING) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 8 Article Number: 012003 DOI: 10.1088/1757-899X/8/1/012003 Published: 2010.

6. *Preliminary ellipsometric studies and tests for measuring the birefringence of electro-optic materials*, Author(s): Logofatu, PC; Udrea, C ; Ion, V ; Scarisoreranu ND; Muller, R, Editor(s): Schiopu, P; Caruntu, G, Source: ADVANCED TOPICS IN OPTOELECTRONICS, MICROELECTRONICS, AND NANOTECHNOLOGIES V Book Series: Proceedings of SPIE-The International Society for Optical Engineering Volume: 7821 Article Number: 782114 DOI: 10.1117/12.882140 Published: 2010.

7. *CdS thin films obtained by thermal treatment of cadmium(II) complex precursor deposited by MAPLE technique*, Author(s): Rotaru, A ; Mietlarek-Kropidlowska, A ; Constantinescu, C ; Scarisoreranu ND; Dumitru, M ; Strankowski, M ; Rotaru, P ; Ion, V; Vasiliu, C; Becker, B ; Dinescu, M, Source: APPLIED SURFACE SCIENCE Volume: 255 Issue: 15 Pages: 6786-6789 DOI: 10.1016/j.apsusc.2009.02.062 Published: MAY 15 2009.

8. *PLD and RF-PLD synthesis of Ba0.6Sr0.4TiO3 ferroelectric thin films for electrically controlled devices*, Author(s): Nedelcu, L; Ioachim, A; Toacsan, MI; Banciu, MG; Pasuk, I ; Buda, M ; Scarisoreranu ND; Ion, V; Dinescu, M, Source: APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING Volume: 93 Issue: 3 Pages: 675-679 DOI: 10.1007/s00339-008-4694-9 Published: NOV 2008.

9. *SBN thin films growth by RF plasma beam assisted pulsed laser deposition*, Author(s): Scarisoreranu ND; Dinescu, G; Birjega, R; Dinescu, M; Pantelica, D ; Velisa, G ; Scintee, N; Galca, AC, Source: APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING Volume: 93 Issue: 3 Pages: 795-800 DOI: 10.1007/s00339-008-4753-2 Published: NOV 2008.

10. *A/N thin film deposition using a radio-frequency beam assisted pulsed laser deposition*, Author(s): Osiac, M; Scarisoreranu ND; Dinescu, M, Source: JOURNAL OF OPTOELECTRONICS AND ADVANCED MATERIALS Volume: 10 Issue: 8 Pages: 2068-2070 Published: AUG 2008.

11. *Functional ZnO thin films obtained by radiofrequency beam assisted pulsed laser deposition*, Author(s): Epurescu, G; Scarisoreranu ND; Matei, DG; Dinescu, G; Ghica, C; Nistor, LC; Dinescu, M, Source: ROMANIAN REPORTS IN PHYSICS Volume: 60 Issue: 3 Pages: 807-+ Published: 2008.

12. *Spectroscopic ellipsometry study of amorphous SrxBa1-xNb2O6 thin films obtained by pulsed laser deposition*, Author(s): Ion, V; Galca, AC; Scarisoreranu ND; Filipescu, M ; Dinescu, M, Editor(s): Arwin, H; Beck, U; Schubert, M, Source: PHYSICA STATUS SOLIDI C - CURRENT TOPICS IN SOLID STATE PHYSICS, VOL 5, NO 5 Book Series: PHYSICA STATUS SOLIDI C-CURRENT TOPICS IN SOLID STATE PHYSICS Volume: 5 Issue: 5 Pages: 1180-1183 DOI: 10.1002/pssc.200777818 Published: 2008.

13. *Structural and electrical characterization of lead-free ferroelectric Na1/2Bi1/2TiO3-BaTiO3 thin films obtained by PLD and RF-PLD*, Author(s): Scarisoreranu ND; Craciun, F; Ion, V; Birjega, S ; Dinescu, M, Source: APPLIED SURFACE SCIENCE Volume: 254 Issue: 4 Pages: 1292-1297 DOI: 10.1016/j.apsusc.2007.09.036 Published: DEC 15 2007.

14. *Thin films of polyaniline deposited by MAPLE technique*, Author(s): Constantinescu, C ; Scarisoreranu ND; Moldovan, A; Dinescu, M; Vasiliu, C, Source: APPLIED SURFACE SCIENCE Volume: 253 Issue: 19 Pages: 7711-7714 DOI: 10.1016/j.apsusc.2007.02.057 Published: JUL 31 2007.

15. *High-k dielectric oxides obtained by PLD as solution for gates dielectric in MOS devices*, Author(s): Filipescu, M ; Scarisoreranu ND; Craciun, V ; Mitu, B; Purice, A; Moldovan, A; Ion, V; Toma, O ; Dinescu, M, Source: APPLIED SURFACE SCIENCE Volume: 253 Issue: 19 Pages: 8184-8191 DOI: 10.1016/j.apsusc.2007.02.166 Published: JUL 31 2007.

16. *Thin films of NdFeB deposited by PLD technique*, Author(s): Constantinescu, C ; Scarisoreranu ND; Moldovan, A; Dinescu, M; Petrescu, L ; Epureanu, G , Source: APPLIED SURFACE SCIENCE Volume: 253 Issue: 19 Pages: 8192-8196 DOI: 10.1016/j.apsusc.2007.02.165 Published: JUL 31 2007.

17. *BST thin films obtained by PLD for applications in electronics*, Author(s): Scarisoreranu ND; Filipescu, M ; Ioachim, A; Toacsan, MI; Banciu, MG; Nedelcu, L ; Dutu, A ;Buda, M ; Alexandru, HV ; Dinescu, M, Source: APPLIED SURFACE SCIENCE Volume: 253 Issue: 19 Pages: 8254-8257 DOI: 10.1016/j.apsusc.2007.02.111 Published: JUL 31 2007.

18. *Thin films of NdFeB deposited by PLD technique*, Author(s): Constantinescu, C ; Scarisoreranu ND; Moldovan, A; Dinescu, M; Miron, M ; Petrescu, L , Editor(s): Dumitras, DC; Dinescu, M; Konov, VI, Source: Advanced Laser Technologies 2006 Book Series: PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE) Volume: 6606 Pages: 60619-60619 Article Number: 660619 DOI: 10.1117/12.729509 Published: 2007.

19. *Laser processing of soft materials*, Author(s): Lippert, T ; Chrisey, DB ; Purice, A; Constantinescu, C ; Filipescu, M ; Scarisoreranu ND; Dinescu, M, Source: ROMANIAN REPORTS IN PHYSICS Volume: 59 Issue: 2 Pages: 483-498 Published: 2007.

20. *Dielectric properties of (Ba,Sr)TiO3 thin films for applications in electronics*, Author(s): Ioachim, A; Toacsan, MI; Nedelcu, L ; Banciu, MG; Dutu, CA ; Buda, M ; Sava, F ; Popescu, M; Scarisoreranu ND; Dinescu, M, Source: ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY Volume: 10 Issue: 4 Pages: 347-354 Published: 2007.

21, *TiN/ZrN heterostructures deposition and characterization*, Author(s): Braic, M; Balaceanu, M; Vladescu, A; Kiss, A ; Braic, V; Purice, A; Dinescu, G; Scarisoreranu ND; Stokker-Cheregi, F ; Moldovan, A; Birjega, R; Dinescu, M, Source: SURFACE & COATINGS TECHNOLOGY Volume: 200 Issue: 22-23 Pages: 6505-6510 DOI: 10.1016/j.surfcoat.2005.11.057 Published: JUN 20 2006.

22. *Pulsed laser deposition of perovskite relaxor ferroelectric thin films*, Author(s): Scarisoreranu ND; Dinescu, M; Craciun, F; Verardi, P; Moldovan, A; Purice, A; Galassi, C, Source: APPLIED SURFACE SCIENCE Volume: 252 Issue: 13 Pages: 4553-4557 DOI: 10.1016/j.apsusc.2005.07.140 Published: APR 30 2006.

23. Functionalized polysiloxane thin films deposited by matrix-assisted pulsed laser evaporation for advanced chemical sensor applications, Author(s): Houser, EJ; Chrisey, DB; Bercu, M ; Scarisoreranu ND; Purice, A; Colceag, D ; Constantinescu, C ; Moldovan, A; Dinescu, M, Source: APPLIED SURFACE SCIENCE Volume: 252 Issue: 13 Pages: 4871-4876 DOI: 10.1016/j.apsusc.2005.07.159 Published: APR 30 2006.

24. Structural and piezoelectric properties of pulsed laser deposited ZnO thin films, Author(s): Benetti, M; Cannata, D; Di Pietrantoniio, F ; Verona, E; Verardi, P; Scarisoreranu ND; Matei, D; Dinescu, G; Moldovan, A ; Dinescu, M, Source: SUPERLATTICES AND MICROSTRUCTURES Volume: 39 Issue: 1-4 Pages: 366-375 DOI: 10.1016/j.spmi.2005.08.073 Published: JAN-APR 2006.

25. Ferroelectric thin films obtained by pulsed laser deposition, Author(s): Purice, A; Dinescu, G; Scarisoreranu ND; Verardi, P; Craciun, R ; Galassi, C; Dinescu, M, Source: JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 26 Issue: 14 Pages: 2937-2943 DOI: 10.1016/j.jeurceramsoc.2006.02.027 Published: 2006.

26. Ferroelectric (Na1/2Bi1/2)TiO3-BaTiO3 thin films obtained by pulsed laser deposition, Author(s): Dinescu, M; Craciun, F; Scarisoreranu ND; Verardi, P; Moldovan, A; Purice, A; Sanson, A ; Galassi, C, Source: JOURNAL DE PHYSIQUE IV Volume: 128 Pages: 77-80 DOI: 10.1051/jp4:2005128012 Published: SEP 2005.

27. Structural and electrical characterization of PLZT 22/20/80 relaxor films obtained by PLD and RF-PLD, Author(s): Craciun, F; Dinescu, M; Verardi, P ; Scarisoreranu ND; Moldovan, A; Purice, A; Galassi, C, Source: APPLIED SURFACE SCIENCE Volume: 248 Issue: 1-4 Pages: 329-333 DOI: 10.1016/j.apsusc.2005.03.080 Published: JUL 30 2005.

28. Properties of ZnO thin films prepared by radio-frequency plasma beam assisted laser ablation, Author(s): Scarisoreranu ND; Matei, DG; Dinescu, G ; Epurescu, G ; Ghica, C; Nistor, LC; Dinescu, M, Source: APPLIED SURFACE SCIENCE Volume: 247 Issue: 1-4 Pages: 518-525 DOI: 10.1016/j.apsusc.2005.01.140 Published: JUL 15 2005.

29. Properties of La and Nb-modified PZT thin films grown by radio frequency assisted pulsed laser deposition, Author(s): Verardi, P ; Craciun, F; Dinescu, M ; Scarisoreranu ND; Moldovan, A; Purice, A; Galassi, C, Source: MATERIALS SCIENCE AND ENGINEERING B-SOLID STATE MATERIALS FOR ADVANCED TECHNOLOGY Volume: 118 Issue: 1-3 Pages: 39-43 DOI: 10.1016/j.mseb.2004.12.067 Published: APR 25 2005.

30. Processing and characterization of ferroelectric thin films obtained by pulsed laser deposition, Author(s): Craciun, F; Dinescu, M; Verardi, P; Scarisoreranu ND; Moldovan, A; Purice, A; Galassi, C, Source: JOURNAL OF THE EUROPEAN CERAMIC SOCIETY Volume: 25 Issue: 12 Pages: 2299-2303 DOI: 10.1016/j.jeurceramsoc.2005.03.062 Published: 2005.

31. Synthesis and characterization of PLZT thin films obtained by pulsed laser deposition, Author(s): Verardi, P; Craciun, F; Scarisoreranu ND; Epurescu, G; Dinescu, M; Vrejoiu, I; Dauscher, A, Source: APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING Volume: 79 Issue: 4-6 Pages: 1283-1285 DOI: 10.1007/s00339-004-2751-6 Published: SEP 2004.

32. Properties of zirconium silicate thin films prepared by laser ablation, Author(s): Filipescu, M ; Scarisoreranu ND; Matei, DG; Dinescu, G; Ferrari, A; Balucani, M; Toma, O ; Ghica, C; Nistor, LC; Dinescu, M, Source: MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING Volume: 7 Issue: 4-6 Pages: 209-214 DOI: 10.1016/j.mssp.2004.09.122 Published: AUG-DEC 2004.

33. Lead-based ferroelectric compounds deposited by PLD, Author(s): Scarisoreranu ND; Craciun, F; Dinescu, G; Verardi, P; Dinescu, M, Source: THIN SOLID FILMS Volume: 453 Pages: 399-405 DOI: 10.1016/j.tsf.2003.11.183 Published: APR 1 2004.

34. Pt, Pd, Ni metallic thin films deposited by pulsed laser ablation, Author(s): Scarisoreranu ND; Nicolae, I ; Grigoriu, C; Dinescu, M; Hirai, M ; Suzuki, T ; Yatsui, K , Editor(s): Vlad, VI, Source: ROMOPTO 2003: SEVENTH CONFERENCE ON OPTICS Book Series: PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE) Volume: 5581 Pages: 493-497 DOI: 10.1117/12.582895 Published: 2004.

35. Influence of the radiofrequency plasma beam addition on the properties of pulsed laser deposited films, Author(s): Dinescu, G ; Matei, D ; Brodoceanu, D ; Scarisoreranu ND; Morar, M ; Verardi, P ; Craciun, F ; Toma, O ; Pedarnig, JD ; Dinescu, M, Editor(s): Phipps, CR, Source: HIGH-POWER LASER ABLATION V, PTS 1 AND 2 Book Series: PROCEEDINGS OF THE SOCIETY OF PHOTO-OPTICAL INSTRUMENTATION ENGINEERS (SPIE) Volume: 5448 Pages: 136-143 DOI: 10.1117/12.548256 Part: Part 1-2 Published: 2004.

36. Dielectric spectroscopy measurements of relaxor ferroelectric PLZT 9/65/35 thin films obtained by RF assisted PLD, Author(s): Craciun, F; Dinescu, M; Verardi, P; Scarisoreranu ND; Galassi, C (Galassi, C); Piazza, D, Source: FERROELECTRICS Volume: 302 Pages: 559-564 DOI: 10.1080/00150190490456286 Published: 2004.

37. Pulsed laser deposition of oxide thin films, Author(s): Brodoceanu, D ; Scarisoreranu ND; Filipescu, M ; Epurescu, GN ; Matel, DG ; Verardi, P ; Craciun, F ; Dinescu, M, Editor(s): Gammino, S; Mezzasalma, AM; Neri, F; Torrisi, L, Source: PLASMA: PRODUCTION BY LASER ABLATION Pages: 41-46 DOI: 10.1142/9789812702555_0005 Published: 2004.

38. Ferroelectric relaxor thin films grown by pulsed laser deposition, Author(s): Verardi, P; Craciun, F; Scarisoreranu ND; Dinescu, M; Grigoriu, C; Galassi, C; Costa, AL, Source: FERROELECTRICS Volume: 293 Pages: 189-199 DOI: 10.1080/00150190390238397 Published: 2003.