

**FORMATO EUROPEO
PER IL CURRICULUM
VITAE**



INFORMAZIONI PERSONALI

Nome
Indirizzo
Telefono
Fax
E-mail

Nazionalità
Data di nascita

MARCO MARTINI



m.martini@unimib.it

Italiana



ESPERIENZA LAVORATIVA

- Date (da – a)
- Tipo di azienda o settore
- Tipo di impiego
- Principali mansioni e responsabilità

Dal 1 Ottobre 2012 Direttore del Dipartimento di Scienza dei Materiali, Università' degli Studi di Milano Bicocca, via Cozzi 53, 20125 Milano
Dal Dicembre 2002: Professore Ordinario di Fisica Applicata
Università' degli Studi di Milano Bicocca
Nov. 1999 - Dic. 2002: Professore Associato di Fisica Generale
Università' degli Studi di Milano Bicocca
Nov. 1980 – Nov. 1999: Ricercatore, Università' degli Studi di Milano, Dipartimento di Fisica, via Celoria 16, 20133 Milano
1976-1980 Vincitore di Borse di studio (AGIP, Istituto di Fisica Università di Milano)
Università'
Professore Ordinario
Direttore di Dipartimento,
Rappresentante in Senato Accademico dei Direttori della macro-area "Scienze"

ISTRUZIONE E FORMAZIONE

- Date (da – a)

1971 – 1976: laurea in Fisica, Università' di Milano
1966 – 1971: diploma di maturità' classica, Liceo Manzoni, Milano

CAPACITÀ E COMPETENZE

PERSONALI

Acquisite nel corso della vita e della carriera ma non necessariamente riconosciute da certificati e diplomi ufficiali.

PRIMA LINGUA

ALTRE LINGUE

- Capacità di lettura
- Capacità di scrittura
- Capacità di espressione orale

CAPACITÀ E COMPETENZE

RELAZIONALI

Vivere e lavorare con altre persone, in ambiente multiculturale, occupando posti in cui la comunicazione è importante e in situazioni in cui è essenziale lavorare in squadra (ad es. cultura e sport), ecc.

CAPACITÀ E COMPETENZE

ORGANIZZATIVE

Ad es. coordinamento e amministrazione di persone, progetti, bilanci; sul posto di lavoro, in attività di volontariato (ad es. cultura e sport), a casa, ecc.

CAPACITÀ E COMPETENZE

*Pagina 2 - Curriculum vitae di
[MARTINI, Marco]*

ITALIANO

INGLESE

Eccellente
Eccellente
Buona

SPAGNOLO

buona
buona
buona

FRANCESE

buona
elementare
elementare

Coordina un gruppo di ricerca di una decina di persone .

Buone capacità di comunicazione didattica documentate da eccellenti valutazioni da parte degli studenti

Dal 2012 Direttore del Dipartimento, di Scienza dei Materiali, Università degli Studi di Milano Bicocca

Dal 2012 Rappresentante in Senato Accademico dei Direttori della macro-area "Scienze" Dal 2004-2012 Direttore del Centro Interdipartimentale di Datazioni, Università di Milano Bicocca

Dal 2012 Vice- Direttore del Centro Interdipartimentale Datazioni e Archeometria, CUDAM, 2002-2004 Coordinatore del Corso di Laurea in Scienze e Tecnologie Orafe

Dal 2001-2007 Presidente della Associazione Italiana di Archeometria (AIAR)

Managing Editor della rivista Archaeometry

Topical Editor della rivista Il Nuovo Cimento B

Managing Editor dell'International Journal of Mediterranean Archaeology & Archaeometry

Coordinatore di progetti nazionali e internazionali (INFN: Progetti LUMEN, DEALED, RIDAGMA. Ministero degli Esteri: Repubblica Ceca, Vietnam. Regione Lombardia: Accordo di programma)

(1997-2002). Responsabile della linea di ricerca "Datazione mediante termoluminescenza" del Progetto Finalizzato "Beni Culturali"

Segretario Scientifico della Scuola Estiva di Archeometria, tenuta a Castro Marina (LE) nel Settembre 1995, 1997, 1999, 2001, 2003, 2005.

Direttore della Scuola della Società Italiana di Fisica a Varenna presso la International School of Physics Enrico Fermi, (Giugno 2003) su Physical Methodologies in Archaeometry.

Direttore dell'International Workshop "Science for Cultural Heritage organizzato dall'ICTP (Trieste, Ottobre 2006)

Responsabile di una Linea di ricerca presso il Centro di Eccellenza "Tecnologie Scientifiche innovative applicate alla ricerca archeologica e storico-artistica" Responsabile Prof. M. Torelli, Università di Perugia.

Ha organizzato numerosi Congressi Nazionali e Internazionali, tra i quali LED99 a Roma (Luminescence and ESR Dating).

Esperto Scientifico per conto dell'IAEA presso il Centro per l'Energia Atomica di Damasco (Siria), gennaio 2008.

2009-2010, Chairman del panel M1 (Science and technology for the diagnostics, the restoration and the preservation of cultural heritage) per la valutazione degli Istituti del CNR.

Ha realizzato strumentazione scientifica sofisticata per misure fisiche su materiali e nel campo dell'archeometria.

Per ulteriori informazioni:

www.cedefop.eu.int/transparency
www.europa.eu.int/comm/education/index_it.html
www.eurescv-search.com

TECNICHE Con computer, attrezzature specifiche, macchinari, ecc.	Ha realizzato un Laboratorio per la datazione con termoluminescenza a Xi'an (Cina), nell'ambito di un progetto affidato all'Istituto Italiano per il Medio ed Estremo Oriente (IsMEO, ora IsIAO) dal Ministero degli Affari Esteri, 1995-97.
CAPACITÀ E COMPETENZE ARTISTICHE Musica, scrittura, disegno ecc.	Esperto di cartografia antica
PATENTE O PATENTI	Patenti A e B
ULTERIORI INFORMAZIONI	Autore di piu' di 170 pubblicazioni su riviste internazionali (vedi allegato) http://cudam.mater.unimib.it/

MARCO MARTINI

Elenco delle pubblicazioni

1. U. Facchini, M. Martini, E. Morniroli, G. Procopio, G. Tamborini, A. Canuti and G. Capelli: "Concentration of Radon Progeny in the Open Air and Interiors of Milan and Other Italian Sites", Health Phys. **41**, 23 (1981).
2. M. Martini: "A Method for the determination of Th-U concentration ratio", Ancient TL **24**, 4 (1981).
3. M. Martini, G. Piccinini and G. Spinolo: "A new dosimetric system of gamma ray dose- rate determination in soils", Proc. III Int. Seminar on TL and ESR Dating, Helsingor, (DK) July 1982, P.A.C.T. Jnl. **9**, 87 (1983).
4. M. Martini, G. Spinolo and G. Dominici: "Alpha spectrometry as a tool for annual dose rate determination in pottery and soil", Proc. III Int. Seminar on TL and ESR Dating, Helsingor (DK), July 1982, P.A.C.T. Jnl. **9**, 9 (1983).
5. M. Martini, G. Spinolo and A. Vedda: "The pre-dose effect induced in SiO₂ by various ionizing radiations", Radiat. Effects **77**, 107 (1983).
6. E.H. Haskell, M. Martini, G. Spinolo et al.: "Beta dose rate determination: Preliminary results from an interlaboratory comparison of techniques", P.A.C.T. Jnl. **9**, 77 (1983).
7. M. Martini, G. Spinolo and A. Vedda: "Radial Energy Distribution around ionizing particles tracks in SiO₂" Nuovo Cimento **D3**, 1017 (1984).
8. M. Martini, E. Sibilìa, G. Spinolo and A. Vedda: "Ionic Conductivity and Thermo-luminescence in beta-irradiated quartz", Proc. MRS Symp. "Induced Defects in Insulators", Strasburg, June 1984, P. Mazzoldi ed. , Les Editions de Physique, Les Ulis, pag. 9.
9. M. Martini, E. Sibilìa and G. Spinolo: "Recent TL dating activity at Milan University", PACT Jnl. (1985), **15**, 125 (1985).
10. M. Martini, E. Sibilìa, G. Spinolo and A. Vedda: "Pre-dose, TSL and a.c. conductivity interrelation in quartz" Nucl. Tracks **10**, 497 (1985)
11. M. Martini, G. Spinolo and A. Vedda: "Radiation induced conductivity of as-grown and electro-diffused quartz", J. Appl. Phys. **60**, 1705 (1986).
12. F. Agullo-Rueda, J.M. Calleja, M. Martini, G. Spinolo and F. Cariati: "Raman and infrared spectra of transition metal halides hexahydrates", J. of Raman Spectr. **18**, 485 (1987).
13. M.Guzzi, M. Martini, M. Mattaini, F. Pio and G. Spinolo: "Luminescence of fused silica observation of the O₂⁻ emission band", Phys. Rev. B **36**, 9407 (1987).
14. M. Martini, G. Spinolo and A. Vedda: "Defects dynamics in as grown and electro-diffused quartz: an interpretation of the pre-dose effect", J. Appl. Phys. **61**, 2486 (1987).
15. M. Martini, E. Sibilìa and G. Spinolo: "TL on archaeological ceramics: discussion on accuracy limitations and a report on the recent activity in Milan"; "New Paths in the use of

- nuclear techniques for art and archaeology", G. Furlan, P. Cassola Guida and C. Tuniz Eds., World Scientific Publ. Co., Singapore 1986, p.23-32.
16. M. Martini, G. Spinolo and A. Vedda: "*Thermally stimulated luminescence of thermally grown SiO₂ films*", Radiation Effects 105, 107 (1987).
 17. M. Guzzi, M. Martini, F. Pio, G. Spinolo and A. Vedda: "*On the role of O₂⁻ in the luminescence of amorphous and crystalline SiO₂*", The Physics and Technology of Amorphous SiO₂, R.A.B. Devine editor, Plenum Press 1988, pag. 175.
 18. M. Martini, E.Sibilia, T. Calderon and F. Di Renzo: "*Spurious TL in archaeological ceramics: A study of affecting factors*", Nucl. Tracks 14, 339 (1988).
 19. S. Lazzari, M. Martini, A. Paleari, G. Spinolo and A. Vedda: "*D.C. and A.C. ionic conductivity in quartz: a new high temperature mechanism and a general assessment*", Nucl. Instr. and Meth. B32, 299 (1988).
 20. P. Diatto, M. Martini and G. Spinolo: "*Librational spectra of water molecules in Ni, Co and Fe dichlorides hydrates*", J. of Phys. and Chem. of Solids 49, 1139 (1988).
 21. M. Martini, G. Spinolo and A. Vedda: "*Thermally stimulated luminescence in SiO₂: The 100 C peak and related defect dynamics*", J. of Luminescence 40 e 41, 347 (1988).
 22. P. Diatto, M. Martini and G. Spinolo: "*Far infrared absorption spectra of Ni, Co and Fe dihalides hydrates*", J. Phys. Chem. Solids 49, 1469 (1988).
 23. M. Martini, A. Paleari and C.B. Azzoni: "*Model for the 12.0 mT Hydrogen Hyperfine Doublet in Silica*", Phys. Rev. B 39, 705 (1989).
 24. M. Martini and F. Pio: "*Optical Properties and Ionic Transport due to Defects in SiO₂*", Helvetica Physica Acta 62, 720 (1989).
 25. F. Masserano, F. Cariati, M. Martini and G. Spinolo: "*Raman studies of NiX₂:6H₂O and FeCl₂.4H₂O*", Jnl. of Raman Spectroscopy 20, 7723 (1989).
 26. F. Pio, M. Guzzi, G. Spinolo and M. Martini: "*Intrinsic and impurity related point defects in amorphous silica: a spectroscopic study*", Phys. Stat. Sol. b 159, 577 (1990).
 27. M. Martini, A. Paleari, G. Spinolo and A. Vedda: "*New high temperature results on the ionic conductivity of quartz and implications on the transport mechanism*", J. Phys. Cond. matter 2, 6921 (1990).
 28. M. Guzzi, G. Lucchini, M. Martini, F. Pio, A. Vedda and E. Grilli: "*Thermally Stimulated Luminescence above Room Temperature of Amorphous SiO₂*", Solid State Commun. 75, 75 (1990).
 29. F. Cariati, S. Bruni, M. Martini and G. Spinolo: "*Raman and infrared spectra of NiI₂.6H₂O*", Jnl. of Raman Spectroscopy 22, 397 (1991).
 30. S. Doglia, M. Martini, G. Spinolo e A. Villa: "*Overtone and combination bands in the NIR absorption spectrum of water in FeCl₂.4H₂O single crystals*", J. Phys. Chem. Solids 53, 1237 (1992).
 31. M. Guzzi, M. Martini, A. Paleari, F. Pio and A. Vedda: "*Neutron irradiation effects in amorphous SiO₂: Optical Absorption and Electron Paramagnetic Resonance*". J Phys.: Condens. Matter 5, 8105 (1993).
 32. S. Doglia, M. Martini, G. Spinolo e A. Villa: "*Overtone and combination spectrum of water in FeCl₂.4H₂O single crystals*", Proceedings of EBSA International Workshop on Water-Biomolecules Interactions, May 30-June 4 1992, Palermo.
 33. Anedda, G. Bongiovanni, M. Cannas, F. Congiu and A. Mura, M. Martini: "*1.9 eV photoluminescence induced by 4 eV photons in high purity wet synthetic silica*", J. Appl. Phys. 74, 6993 (1993).
 34. S. Doglia, M. Martini, G. Spinolo e A. Villa: "*Overtone and combination spectra of water in hydrated crystals*", in "Water-Biomolecules Interactions" M.U. Palma, M.B. Palma Vittorelli and F. Parak eds., S.I.F. Bologna 1993.
 35. M. Castiglioni, M. Martini, G. Spinolo and A. Vedda: "*Thermoluminescence (TSL) and Conductivity (TSC) of Synthetic Crystalline Quartz*". Radiat. Meas. 23, 361 (1994).
 36. A. Anedda, F. Congiu, F. Raga, A. Corazza, M. Martini, G. Spinolo and A. Vedda: "*Time resolved photoluminescence of alpha centers in neutron irradiated SiO₂*", Nucl. Instr. and Methods in Phys. Res. B 91, 405 (1994).

37. M. Martini, G. Spinolo and A. Vedda, C. Arena: "*Phosphorescence and Thermoluminescence of amorphous SiO₂*", Solid State Commun. 91, 751 (1994).
38. M. Bertino, A. Corazza, M. Martini, A. Mervic and G. Spinolo: "*The 2.7 eV Photoluminescence band in high purity synthetic silica*", J Phys.: Condens. Matter 6, 6345 (1994).
39. C. Furetta, G. Ramogida, A. Scacco, M. Martini and S. Paravisi: "*Spectroscopy of complex defects in crystals of KMgF₃:Tl⁺*", J. Phys. Chem. Solids 55, 1337 (1994).
40. M. Martini, F. Meinardi, E. Rosetta, G. Spinolo and A. Vedda: "*Wavelength resolved Thermally Stimulated Luminescence of SiO₂ films*", J. Non Crystalline Solids, 187, 124-128 (1995).
41. M. Martini, A. Paleari, G. Spinolo and A. Vedda: "*Role of [Al O4]^o centers in the 380 nm thermoluminescence of quartz*" Phys. Rev. B 51, 138 (1995).
42. D. Di Martino, A. Gallone, M. Martini, F. Meinardi and A. Paleari: "*Microraman spectroscopy applied to the study of painting pigments*". Proceedings of: 1st International Congress on "Science and Technology for the Safeguard of Cultural Heritage in the Mediterranean Basin", Catania, 793-796 (1995).
43. A. Corazza, B. Crivelli, M. Martini and G. Spinolo: "*Double nature of the 3.1 eV emission in silica and in Ge-doped silica*", J Phys.: Condens. Matter, 7, 6739-6745 (1995).
44. M. Martini, C. Furetta, C. Sanipoli, A. Scacco and K. Somaiah: "*Spectrally Resolved Thermoluminescence of Cu and Eu doped Li₂B₄O₇*", Radiat. Effects and Defects in Solids, 135, 133 (1995).
45. M. Martini, S. Paravisi and C. Liguori: "*A new, high sensitivity spectrometer for 3-D thermoluminescence analysis*", Radiation Protection Dosimetry, 66, 447 (1996).
46. M. Martini, F. Meinardi, L. Kovacs and K. Polgar: "*Spectrally resolved thermoluminescence of Li₂B₄O₇:Cu single crystals*", Radiation Protection Dosimetry, 65, 343 (1996).
47. G. Cai, J. Fesquet, L. Dusseau, M. Martini, F. Meinardi, B. L. Huang, K.J. Tang, D. Beteille and J. Gasiot: "*Thermoluminescence of LiF:Mg,Cu,P (GR-100A) after annealing between 200 and 400°C*", Radiation Protection Dosimetry, 65, 163 (1996).
48. S. Erdei, L. Kovacs, M. Martini, F. Meinardi, F.W. Ainger and W.B. White: "*High temperature 3-D Thermoluminescence spectra of Eu³⁺ activated YVO₄-YPO₄ powder systems reacted by hydrolized colloid reaction (HCR) technique*", J. Luminescence, 68, 27 (1996).
49. G. Gambarini, M. Martini, A. Scacco, C. Raffaglio and A.E. Sichirollo: "*Behaviour of some thermoluminescent materials in high fluxes of thermal neutrons. Response of LiF: Mg,Ti and LiF: Mg,Cu,P chips and of KMgF₃ and LiF doped crystals*", Radiation Protection Dosimetry, 70, 175 (1997)
50. A. Corazza, B. Crivelli, M. Martini, G. Spinolo and A. Vedda: "*Photoluminescence and optical absorption in neutron irradiated crystalline quartz*", Phys. Rev. B 53, 9739 (1996).
51. G. Gambarini, M. Martini, F. Meinardi, C. Raffaglio, P. Salvadori, A. Scacco and A.E. Sichirollo: "*Thermoluminescent dosimeters (TLD) exposed to high fluxes of gamma radiation, thermal neutrons and protons*", Proceedings IRPA9, vol.4, 1996 International Congress on Radiation Protection.
52. M. Martini, F. Meinardi, A. Vedda, I. Dafinei, P. Lecoq and M. Nikl: "*Thermally stimulated luminescence and photoluminescence of Ce doped Hafniate scintillating glasses*", Nucl. Inst. Meth. in Phys. Res. B116, 116 (1996).
53. M. Martini, F. Meinardi, E. Rosetta, G. Spinolo, A. Vedda, J.L. Leray, Ph. Paillet, J.L. Autran and R.A.B. Devine: "*Radiation induced thermally stimulated luminescence and conductivity in MOS SIMOX oxides*", IEEE Trans. Nucl. Sci. 43, 845 (1996).
54. E. Auffray, D. Boutet, I. Dafinei, J. Fay, P. Lecoq, J. A. Mares, M. Martini, G. Maze', F. Meinardi, B. Moine, M. Nikl, C. Pedrini, M. Poulain, M. Schneegans, S. Tevernier and A. Vedda: "*Cerium doped heavy metal fluoride glasses, a possible alternative for electromagnetic calorimetry*", Nucl. Inst. Meth. in Phys. Res. A380, 524 (1996).
55. M. Martini, G. Spinolo, A. Vedda, M. Nikl, K. Nitsch, P. Fabeni, G.P. Pazzi, I. Dafinei and P. Lecoq: "*Trap levels in PbWO₄ crystals: correlation with luminescence decay kinetics*", Chem. Phys. Lett. 260, 418 (1996).

56. B. Crivelli, M. Martini, F. Meinardi, A. Paleari and G. Spinolo: "*Photoinduced conversion of optically active defects in Germanium-doped silica*", Phys. Rev B 54, 16637 (1996).
57. M. Martini, F. Meinardi, A. Paleari, L. Portinari and G. Spinolo: "*Role of impurities in the 5.16 eV optical absorption band of Ge-doped silica*", J. Non Crystalline Solids 216, 26 (1997).
58. M. Martini, G. Spinolo, A. Vedda, M. Nikl, K. Nitsch, I. Dafinei and P. Lecoq: "*Thermally Stimulated Luminescence of PbWO₄ crystals*", J. Luminescence 72-74, 689 (1997).
59. B. Crivelli, M. Martini, F. Meinardi, A. Paleari and G. Spinolo: "Excitation channels of the 4.3 eV photoluminescence in Ge-SiO₂", Solid State Communications 100, 651 (1996).
60. B. Baccaro, P. Bohacek, B. Borgia, A. Cecilia, I. Dafinei, M. Diemoz, M. Ishii, O. Jarolimek, M. Kobayashi, M. Martini, M. Montecchi, M. Nikl, Y. Usuki and A. Vedda: "*Influence of La³⁺-doping on Radiation Hardness and Thermoluminescence Characteristics of PbWO₄*", phys.stat sol. (a), 160, R5 (1997).
61. M. Martini, F. Meinardi, A. Paleari, G. Spinolo, A. Vedda, D. Di Martino and F. Negrisolo: "*Sn codoping effects on the photoluminescence of SiO₂:Ge*", Phys Rev. B 55, 15375 (1997).
62. Scacco, M. Finocchi, C. Mattei, U.M. Grassano, R. Francini, A. Fardelli, N. Zema, L. Bosi, D. Gallo, M. Martini and F. Meinardi: "*Optical properties of Ag⁺ impurities in KMgF₃ crystals*", J. Phys.: Condens. Matter, 9, 5265 (1997).
63. M. Nikl, K. Nitsch, S. Baccaro, A. Cecilia, M. Montecchi, B. Borgia, I. Dafinei, M. Diemoz, M. Martini, E. Rosetta, G. Spinolo, A. Vedda, M. Kobayashi, M. Ishii, Y. Usuki, O. Jarolimek, R. Uecker: "*Radiation induced formation of colour centers in PbWO₄ single crystals*", J.Appl.Phys. 82, 5758, (1997).
64. M. Nikl, P. Bohacek, E. Mihokova, K. Nitsch, M. Martini, A. Vedda, S. Croci, G.P. Pazzi, P. Fabeni, S. Baccaro, B. Borgia, I. Dafinei, M. Diemoz, G. Organtini, E. Auffray, P. Lecoq, M. Kobayashi, M. Ishii, Y. Usuki: "*Decay kinetics and thermoluminescence characteristics of PbWO₄:La³⁺*" Appl. Phys. Lett. 71, 3755, (1997).
65. S. Baccaro, P. Bohacek, B. Borgia, A. Cecilia, S. Croci, I. Dafinei, M. Diemoz, P. Fabeni, M. Ishii, M. Kobayashi, M. Martini, M. Montecchi, M. Nikl, K. Nitsch, G. Organtini, G.P. Pazzi, Y. Usuki, A. Vedda: "*Radiation damage and thermoluminescence of Gd-doped PbWO₄*" Phys. Stat. Sol. (a) 164, R9, (1997).
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67. S. Baccaro, B. Borgia, A. Cecilia, I. Dafinei, M. Diemoz, P. Fabeni, M. Nikl, M. Martini, M. Montecchi, G. Pazzi, G. Spinolo, A. Vedda: "*Investigation of Lead Tungstate (PbWO₄) crystal properties*" Nucl. Phys.B (Proc. Suppl.) 61 B, 66 (1998).
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69. M.Martini E. Sibilìa C,Zelaschi, S.O.Troja, R.Forzese, C.Caputa, A.M:Gueli, A.Cro, F.Foti and M.G.Pellegritti: "*TL and OSL dating of fossil dune sand in the Uan Afuda and Uan Tabu sites (Tadrart Acacus, Libyan Sahara)*", in Wadi Teshuinat: palaeoenvironment and prehistory in southwestern Fezzan (Lybian Sahara)", M.Cremaschi and S.Di Lerna Eds., C.N.R. Quaderni di Geodinamica Alpina e Quaternaria, 7, Insegna del Giglio, 67-62 (1998).
70. M. Martini, F. Meinardi and A. Scacco: "*Impurity induced Thermally Stimulated Luminescence of KMgF₃:Ce³⁺ crystals*" Chem. Phys. Lett. 293, 43 (1998).
71. S. Bruni, F. Cariati, P. Fermo, G. Spinolo and M. Martini: "*Raman and infrared spectra of Mn and Fe halides tetrahydrated*" Journal of Physics and Chemistry of Solids 59, 845 (1998).
72. M. Martini, F. Meinardi, E. Rosetta, G. Spinolo, A. Vedda, J.L: Leray, Ph. Paillet, J.L. Autran and R.A.B. Devine: "*Radiation induced trap levels in SIMOX oxides: low temperature Thermally Stimulated Luminescence*", IEEE Trans. Nucl. Sci., 45, 1396 (1998).
73. N.Gallo, M.Mannoni, M.Martini ed E.Sibilìa: "*Building archaeology, 14C and thermoluminescence: two examples comparison*", Proceedings of "3rd International Symposium 14C and Archaeology", 6-10 April 1998, Lyon, France, 425-431 (1998).
74. Losavio, B. Crivelli, F. Cazzaniga, M. Martini, G. Spinolo and A. Vedda: "*Oxide damage by ion implantation in silicon*", Appl. Phys. Lett. 74, 2453, (1999).

75. M. Martini, E Sibilina and S. Croci: "*Glow curves and emission spectra of burnt flints*" Quaternary Geochronology 18, 287 (1999).
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77. S. Baccaro, P. Bohacek, S. Croci, M. Diemoz, M. Martini, F. Meinardi, M. Nikl, G. Spinolo, Y. Usuki, R. Uecker and A. Vedda: "*Trapping and emission centres in PbWO₄ and CaWO₄ crystals*" Radiation Effects and Defects in Solids 150, 53 (1999).
78. S. Baccaro, P. Bohacek, A. Cecilia, I. Dafinei, M. Diemoz, P. Fabeni, M. Ishii, M. Kobayashi, M. Martini, E. Mihokova, M. Nikl, G.P. Pazzi, J. Rosa, Y. Usuki, A. Vedda: "*The influence of defect states on scintillation characteristics of PbWO₄*" Rad. Effects and Def. in Solids 150, 15 (1999).
79. S. Baccaro, P. Bohacek, A. Cecilia, I. Dafinei, M. Diemoz, M. Ishii, M. Kobayashi, M. Montecchi, M. Nikl, K. Nitsch, M. Martini, Y. Usuki, A. Vedda: "*Effect of doping on the radiation hardness of PbWO₄ single crystals*" Proc. of the International Workshop on Tungstate Crystals, Roma, October 12-14 1998, Università degli Studi La Sapienza, p. 177-181 (1999). ISBN number 88-87242-10-0.
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