FORMATO EUROPEO PER IL CURRICULUM VITAE

INFORMAZIONI PERSONALI

Nome	**MARCO MARTINI**
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Nazionalità	
Data di nascita	[redacted]

ESPERIENZA LAVORATIVA

• Date (da – a)	Dal 1 Ottobre 2012 Direttore del Dipartimento di Scienza dei Materiali, Universita' degli Studi di Milano Bicocca, via Cozzi 53, 20125 Milano Dal Dicembre 2002: Professore Ordinario di Fisica Applicata Universita' degli Studi di Milano Bicocca Nov. 1999 - Dic. 2002: Professore Associato di Fisica Generale Universita' degli Studi di Milano Bicocca Nov.1980 – Nov. 1999: Ricercatore, Universita' 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)
• Tipo di azienda o settore	Universita'
• Tipo di impiego	Professore Ordinario
• Principali mansioni e responsabilità	Direttore di Dipartimento, Rappresentante in Senato Accademico dei Direttori della macro-area "Scienze"

ISTRUZIONE E FORMAZIONE

• Date (da – a)	1971 – 1976: laurea in Fisica, Universita' di Milano 1966 – 1971: diploma di maturita' 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

ITALIANO

ALTRE LINGUE

	INGLESE	**SPAGNOLO**	**FRANCESE**
• Capacità di lettura	Eccellente	buona	buona
• Capacità di scrittura	Eccellente	buona	elementare
• Capacità di espressione orale	Buona	buona	elementare

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.

Coordina un gruppo di ricerca di una decina di persone .
Buone capacita' di comunicazione didattica documentate da eccellenti valutazioni da parte degli studenti

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.

Dal 2012 Direttore del Dipartimento, di Scienza dei Materiali, Universita' 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 Metodologies 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.

CAPACITÀ E COMPETENZE

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

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 SiO_2 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 SiO_2*" Nuovo Cimento D3, 1017 (1984).
8. M. Martini, E. Sibilia, 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. Sibilia and G. Spinolo: *"Recent TL dating activity at Milan University*", PACT Jnl. (1985), 15, 125 (1985).
10. M. Martini, E. Sibilia, 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 hexaidrates*", 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 O_2^- 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 eff*ect", J. Appl. Phys. 61, 2486 (1987).
15. M. Martini, E. Sibilia 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 SiO_2 films*", Radiation Effects 105, 107 (1987).
17. M. Guzzi, M. Martini, F. Pio, G. Spinolo and A. Vedda: "*On the role of O_2^- in the luminescence of amorphous and crystalline SiO_2*", The Physics and Technology of Amorphous SiO_2, 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 SiO_2: 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 Defecs in SiO_2*", Helvetica Physica Acta 62, 720 (1989).
25. F. Masserano, F. Cariati, M. Martini and G. Spinolo: "*Raman studies of $NiX_2{:}6H_2O$ and $FeCl_2.4H_2O$*", 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 SiO_2*", Solid State Commun.75, 75 (1990).
29. F. Cariati, S. Bruni, M. Martini and G. Spinolo: "*Raman and infrared spectra of $NiI_2.6H_2O$*", 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 $FeCl_2.4H_2O$ 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 SiO_2: 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 $FeCl_2.4H_2O$ 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 spestra 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 SiO_2*", 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 SiO_2*", 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 $KMgF_3:Tl^+$*", 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 SiO_2 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 $Li_2B_4O_7$*", 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 $Li_2B_4O_7$: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 Eu^{3+} activated YVO_4-YPO_4 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 thermoluminescnt materials in high fluxes of thermal neutrons. Response of LiF: Mg,Ti and LiF: Mg,Cu,P chips and of $KMgF_3$ 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. B53, 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 $PbWO_4$ 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 $PbWO_4$ 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 La^{3+}-doping on Radiation Hardness and Thermoluminescence Characteristics of $PbWO_4$*", 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 $KMgF_3$ 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 $PbWO_4$ 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 $PbWO_4$:La^{3+}*" 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 $PbWO_4$*" Phys. Stat. Sol. (a) 164, R9, (1997).
66. M. Martini and F. Meinardi: "*Thermally Stimulated Luminescence: new perspectives in the study of defects in solids*" La Rivista del Nuovo Cimento, vol. 20 serie 4 num.8 (1997).
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 ($PbWO_4$) crystal properties*" Nucl. Phys.B (Proc. Suppl.) 61 B, 66 (1998).
68. M. Martini, F. Meinardi, A. Paleari, G. Spinolo and A. Vedda: "*SiO_2:Ge photoluminescence: detailed mapping of excitation-emission spectra*", Phys Rev. B 57, 3718 (1998).
69. M.Martini E. Sibilia 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 $KMgF_3$:Ce^{3+} 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.Sibilia: "*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 implantaton in silicon", Appl. Phys. Lett. 74, 2453, (1999).

75. M. Martini, E Sibilia and S. Croci: *"Glow curves and emission spectra of burnt flints*" Quaternary Geochronology 18, 287 (1999).
76. M. Martini, F. Meinardi, G. Spinolo, A. Vedda, M. Nikl and Y. Usuki: "S*hallow traps in $PbWO_4$ studied by wavelength resolved Thermally Stimulated Luminescence*" Phys. Rev. B 60, 4653 (1999).
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 $PbWO_4$ and $CaWO_4$ 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 $PbWO_4$*" 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 $PbWO_4$ 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.
80. S. Baccaro, P. Bohacek, S. Croci, M. Diemoz, M. Martini, F. Meinardi, M. Nikl, G. Spinolo, R. Uecker, A. Vedda*: "Thermoluminescence of $PbWO_4$ and $CaWO_4$ crystals*" Proc. of the International Workshop on Tungstate Crystals, Roma, October 12-14 1998, Università degli Studi La Sapienza, p. 223-230 (1999). ISBN number 88-87242-10-0.
81. S. Baccaro, P. Bohacek, A. Cecilia, I. Dafinei, M. Diemoz, P. Fabeni, M. Ishii, M. Kobayashi, V.V. Laguta, M. Martini, F. Meinardi, E. Mihokova, M. Montecchi , M. Nikl, G. Organtini, G.P. Pazzi, J. Rosa, Y. Usuki, A. Vedda, M. I. Zaritskii, "*The influence of defect states on scintillation characteristics of $PbWO_4$*" Proc. of the International Workshop on Tungstate Crystals, Roma, October 12-14 1998, Università degli Studi La Sapienza, p. 129-137 (1999). ISBN number 88-87242-10-0.
82. S. Baccaro, R. Dall'Igna, P. Fabeni, M. Martini, J.A. Mares, M. Nikl, G.P. Pazzi, P. Polato, A. Vedda, G. Zanella, R. Zannoni, "*Scintillating glasses based on Cerium and Terbium activators*" Proceedings of the 5th ESG Conference "Glass Science and Technology for the 21st century", June 21-24.1999, Prague (Czech Republic). ISBN n. 80-238-3861-X.
83. M. Nikl, P. Bohacek, E. Mihokova, M. Martini, F. Meinardi, A. Vedda, P. Fabeni, G.P. Pazzi, M. Kobayashi, M. Ishii and Y. Usuki: "*Influence of doping on the emission and scintillation characteristics of $PbWO_4$ single crystals*" J. Appl. Phys. 87, 4243 (2000).
84. Vedda, M. Martini, F. Meinardi, J. Chval, M. Dusek, J.A. Mares, E. Mihokova, M. Nikl: "*Tunneling process in Thermally Stimulated Luminescence of mixed $Lu_x(Y^{3+})_{1-x}AlO_3$:Ce crystals*" Phys. Rev. B 61, 8081 (2000).
85. S. Baccaro, R. Dall'Igna, P. Fabeni, M. Martini, J.A. Mares, F. Meinardi, M. Nikl, K. Nitsch, G.P. Pazzi, P. Polato, C. Susini, A. Vedda, G. Zanella, R. Zannoni: "*Ce^{3+} or Tb^{3+}-doped phosphate and silicate scintillating glasses*" J. Lum. 97-98, 673 (2000).
86. M. Martini, F. Meinardi, A. Vedda, *"The role of alkali ions in the 190 K TSL peak in quartz"*, Radiation Measurements 32, 673 (2000).
87. M. Nikl, K. Nitsch, E.Mihokova, N. Solovieva, J.A. Mares, P. Fabeni, G.P. Pazzi, M. Martini, A. Vedda and S. Baccaro "*Efficient radioluminescence of the Ce^{3+}-doped Na(K)-Gd phosphate glasses*", Appl. Phys. Lett 77, 2159 (2000).
88. M. Nikl, E. Mihokova, J.A. Mares, A. Vedda, M. Martini, K. Nejezchleb, K. Blazek, "*Traps and timing characteristics of LuAG:Ce3+ scintillator*", Phys. Stat. Sol. (b) 181, R10 (2000).
89. S. Baccaro, P. Bohacek, A. Cecilia, A. Cemmi, S. Croci, I. Dafinei, M. Diemoz, P. Fabeni, M. Ishii, M. Kobayashi, M. Martini, E. Mihokova, M. Montecchi, M. Nikl, G. Organtini, G.P. Pazzi, Y. Usuki, A. Vedda, *"Influence of Gd concentration on PbWO4:Gd3+ scintillation characteristics*", Phys. Stat. Sol. (a) 179, 445 (2000)
90. V.V. Laguta, M. Martini, F. Meinardi, A. Vedda, A. Hofstaetter, B.K. Meyer, M. Nikl, E. Mihokova, J. Rosa: *"Photoinduced $(WO_4)^{3-}La^{3+}$ center in $PbWO_4$: Electron Spin Resonance and Thermally Stimulated Luminescence study"*, Phys. Rev. B62, 10109, (2000).
91. M. Nikl, P. Bohacek, A. Vedda, M. Martini, G.P. Pazzi, P. Fabeni and M. Kobayashi: *"Efficient Medium-Speed $PbWO_4$:Mo,Y Scintillator"*, phys.stat sol. (a) 182, R3 (2000).

92. A. Vedda, E. Carollo, S. Croci, M. Martini, A .Morbiato, G. Spinolo, M. Vitali, L. Zanotti: *"Electronic recombinations and ionic transport in BPSG layers"*, Microel. Eng. 55, 59 (2001).
93. T. Busani, R.A.B. Devine, M. Martini, G. Spinolo, A. Vedda: "*Electronic traps in mixed Si1-xGexO2 films*", J. Non-Cryst. Solids 280, 177 (2001).
94. M. Nikl, J.A. Mares, E. Mihokova, K. Nitsch, N. Solovieva, V. Babin, S. Zazubovich, M. Martini, A. Vedda, P. Fabeni, G.P. Pazzi and S. Baccaro: *"Radio- and Thermoluminescence and energy transfer processes in Ce^{3+} (Tb^{3+})-doped phosphate scintillating glasses"* Rad. Measurements, 33, 593 (2001).
95. M. Nikl, P. Bohácek, E. Mihokova, J. Rosa, M. Martini, A. Vedda, , P. Fabeni, G.P. Pazzi, V. Laguta, M. Kobayashi, M. Ishii, Y. Usuki and D. Zimmermann, S. Baccaro and A. Cecilia: *"The doping of $PbWO_4$ in shaping its scintillator characteristics"* Rad. Measurements, 33, 721 (2001).
96. P. Fabeni, G.P. Pazzi, M. Martini, A. Vedda, M. Nikl, K. Nitsch, S. Baccaro: "*Laser induced effects in the optical properties of Tb3+-doped phosphate scintillating glasses*", Rad. Measurements, 33, 721 (2001).
97. C. Chiavari, M. Martini and E. Sibilia: *"Thermoluminescence dating feasibility of ancient glass mosaic",* Quaternary Science Reviews 20, 967 (2001).
98. S. Croci, A. Pêcheur, J.L. Autran, A. Vedda, F. Caccavale, M. Martini and G. Spinolo: "*SiO2 films deposited on silicon at low temperature by plasma enhanced decomposition of hexamethildisilazane: defect characterization*", J. of Vac. Sci. Tech., 19, 2670 (2001)
99. A. Vedda, M. Martini, G. Spinolo, B. Crivelli, F. Cazzaniga, G. Ghidini, M.E. Vitali: "*Phosphorous implantation in silicon through thin SiO_2 layers: oxide damage and recovering effect of post-oxidation thermal treatments*", J. Appl. Phys., 90, 5013 (2001).
100. M. Nikl, N. Solovieva, E. Mihokova, M. Dusek, A. Vedda, M. Martini, K. Shimamura and T. Fukuda *"Scintillation Decay of $LiCaAlF_6$:Ce^{3+} single crystals"* Phys. stat. sol. (a) 187 R1 (2001).
101. V. V. Laguta, M. Martini, A. Vedda, M. Nikl, E. Mihóková, P. Bohácek, J. Rosa, A. Hofstätter, B. K. Meyer and Y. Usuki *" Photoinduced Pb^+ center in $PbWO_4$: Electron spin resonance and thermally stimulated luminescence study"* Phys. Rev. B64, 165102 (2001).
102. M. Nikl, P. Bohácek, E. Mihokova, N. Solovieva, M. Martini, A. Vedda, , P. Fabeni, G.P. Pazzi, M. Kobayashi, M. Ishii, Y. Usuki and D. Zimmermann: *"Modification of $PbWO_4$ scintillator characteristics by doping"* Journal of Crystal Growth" 229, 312 (2001).
103. M. Kobayashi, Y. Usuki, M. Ishii, N. Senguttuvan, K. Tanji, M. Chiba, K. Hara, H. Takano, M. Nikl, P. Bohácek, S. Baccaro, A. Cecilia, M. Diemoz, A. Vedda, and M. Martini: *"Scintillator characteristics of $PbWO_4$ single crystals doped with Th, Zr, Ce, Sb and Mn ions"* Nucl. Inst. Meth. in Phys. Res. A465 428 (2001).
104. M.Martini, E.Sibilia, S. Croci and M. Cremaschi: " *Thermolumenscence (TL) dating of burnt flints: problems, perspectives and some examples of application*", Journal of Cultural Heritage, 2, 179 (2001).
105. M.Martini, E.Sibilia: "*Radiation in Archaeometry: Archaeological Dating*" Radiation Physics and Chemistry 61 241 (2001).
106. M. Nikl, J.A. Mares, J. Chval, E. Mihokova, N. Solovieva, M. Martini, A. Vedda, K. Blazek, P. Maly, K. Nejezchleb, P. Fabeni, G.P. Pazzi, V. Babin, K. Kalder, A. Krasnikov, S. Zazubovich, C. D'Ambrosio "*An effect of Zr^4^+ co-doping of YAP:Ce scintillator"* Nucl. Inst. Meth. in Phys. Res. A486 250 (2002).
107. A. Vedda, A. Baraldi, C. Canevali, R. Capelletti, N. Chiodini, R. Francini, M. Martini, F. Morazzoni, M. Nikl, R. Scotti, G. Spinolo "*Optical properties of Ce^3^+-doped sol-gel silicate glasses"* Nucl. Inst. Meth. in Phys. Res. A486 259 (2002).
108. H. Sato, K. Shimamura, A. Bensalah, N. Solovieva, A. Beitlerova, A. Vedda, M. Martini, H. Machida, T. Fukuda and M. Nikl *"Induced absorption phenomena, Thermoluminescence and Colour Centres in $KMgF_3$, $BaLiF_3$ and $LiCaAlF_6$ Complex Fluorides"* Jpn. J. Appl. Phys. 41 2028 (2002).
109. M. Nikl, P. Bohacek, E. Mihokova, N. Solovieva, A. Vedda, M. Martini, G.P. Pazzi, P. Fabeni, M. Kobayashi "*Influence of Y-codoping on the $PbWO_4$:Mo luminescence and scintillator characteristics"* Nucl. Inst. Meth. in Phys. Res. A486 453 (2002).

110. M. Nikl, P. Bohacek, E. Mihokova, N. Solovieva, A. Vedda, M. Martini, G.P. Pazzi, P. Fabeni, M. Kobayashi *"Complete characterization of doubly doped $PbWO_4$:Mo,Y scintillators"* J. Appl. Phys 91 2791 (2002).
111. M. Nikl, K. Blazek, P. Fabeni, A. Vedda, M. Martini, M. Kobayashi, K. Shimamura and T. Fukuda *"Oxide and fluoride single crystals for scintillator applications"* J. Of the Korean Crystal Growth and Crystal Technology 12 21 (2002).
112. A. Vedda, M. Martini,M. Nikl, E. Mihokova, K. Nitsch and N. Solovieva *"Optical absorption and thermoluminescence of Tb^{3+}-doped phosphate scintillating glasses",* J. Phys.: Condens. Matter 14 7417 (2002).
113. M. Nikl, P. Bohacek, E. Mihokova, N. Solovieva, A. Vedda, M. Martini, G.P. Pazzi, P. Fabeni, M. Kobayashi and Ishii *"Enhanced efficiencyof $PbWO_4$:Mo,Nb scintillator"* J. Appl. Phys 91 5041 (2002).
114. C.B. Azzoni, D. Di Martino, C. Chiavari, M. Martini, E. Sibilia and M. Vandini: *"Electron Paramagnetic Resonance of mosaic glasses from the Mediterranean Area"* Archaeometry 44 543 (2002).
115. N. Chiodini, M. Fasoli, M. Martini, E. Rosetta, G. Spinolo, A. Vedda, M. Nikl, N. Solovieva, A. Baraldi, and R. Capelletti *"High efficiency SiO_2:Ce^{3+} glass scintillators"* Appl. Phys. Lett. 81 4374 (2002).
116. M. Nikl, E. Mihokova, Z. Málková, A. Vedda, M. Martini, , K. Shimamura and T. Fukuda *"Ce^{3+} luminescence in a $LiBaF_3$ single crystal at low temperatures"* Phys. Rev. B66, 184101 (2002).
117. Mares, JA, Nikl, M, Mihokova, E, et al. "*Radiation induced colour centers and damage in YAlO3 : Ce and YAlO3 : Ce,Zr scintillators"* Radiation Effects and Defects in Solids 157: 677-681 (2002)
118. Nikl, M, Bohacek, P, Mihokova, E, et al. "*Enhanced efficiency of doubly doped PbWO4 scintillator"* RADIAT EFF DEFECT S 157: 937-941 (2002)
119. Vedda, A, Martini, M, Di Martino, D, et al. "*Thermally stimulated luminescence properties of BaY2F8 : Ce crystals"* Radiation Effects and Defects in Solids 157: 973-976 2002
120. Vedda, A, Martini, M, Di Martino, D, et al. Defect states in Lu3Al5O12 : Ce crystals Radiation Effects and Defects in Solids 157 (6-12): 1003-1007 (2002)
121. Laguta, VV, Martini, M, Vedda, A, et al. "*Photoinduced oxygen-vacancy related centers in PbWO4: Electron spin resonance and thermally stimulated luminescence study"* Radiation Effects and Defects in Solids 157: 1025-1031 (2002)
122. A. Galli, M. Martini, C. Montanari, E. Sibilia *"The use of antimony and its implication for the luminescence properties of ancient mosaic tesserae"*. Journal of Non Crystalline Solid, 323, 72-77, (2003).
123. Martini M., Sibilia E., "The physical basis of thermoluminescence dating and its applications", Proc. of the International School of Physics "Enrico Fermi", "Physics Methods in Archaeometry", M. Martini, M. Milazzo and M. Piacentini (editors), IOS press, Amsterdam 2004, pp. 204-225.
124. Martini M., Sibilia E., "Thermoluminescence (TL) analysis of ceramics from Kh. Fattir", in A. Strus (editor): Kirbet Fattir-Bet Gemal, two ancient Jewish and Christian sites in Israel, LAS Roma, (2003).
125. M. Martini, M. Milazzo and M. Piacentini (editors) "Physics Methods in Archaeometry", Proceedings of the International School of Physics "Enrico Fermi", Varenna, 17-27 June 2003,
126. A. Vedda, D. Di Martino, M. Martini, V.V. Laguta, M. Nikl, E. Mihokova, J. Rosa, K. Nejechleb, K. Blazek, *"Thermoluminescence of $Lu_3Al_5O_{12}$:Ce crystals",* Physica Status Solidi A 195, R1 (2003).
127. R. Morlotti, A. Vedda, M. Martini, S. Croci, M. Nikl, "The effect of the co-doping by Ca^{2+}, Ta^{5+}, Sn^{4+} and Ru^{4+} elements on the X-ray luminescent properties of $Gd_2O_2S:Tb^{3+}$ phosphors", J. of the Electrochem. Soc. 150, H81 (2003).
128. E. Mihokova, M. Nikl, P. Bohacek, V. Babin, A. Krasnikov, A. Stolovich, S. Zazubovich, A. Vedda, M. Martini, T. Grabowski, "Decay kinetics of the green emission in $PbWO_4$:Mo", J. of Lumin. 102-103, 618 (2003).

129. G.P. Pazzi, P. Fabeni, M. Nikl, P. Bohacek, E. Mihokova, A. Vedda, M. Martini, M. Kobayashi, Y. Usuki, *"Delayed recombination luminescence in lead tungstate (PWO) scintillating crystals"* , J. of Lumin. 102-103, 791 (2003).
130. V.V. Laguta, M. Martini, A. Vedda, E. Rosetta, M. Nikl, E. Mihokova, Y. Usuki, *"Electron traps related to oxygen vacancies in $PbWO_4$",* Phys. Rev. B 67, 205102 (2003).
131. A. Vedda, M. Martini, E. Rosetta, G. Spinolo, A. Bonelli, M.E. Vitali, M. Alessandri, *"Point defects in ion irradiated thin SiO_2 layers"*, J. Appl. Phys. 94, 5643 (2003).
132. N. Chiodini, M. Fasoli, M. Martini, F. Morazzoni, E. Rosetta, R. Scotti, G. Spinolo, A. Vedda, M. Nikl, N. Solovieva, A. Baraldi, R. Cappelletti, *"Rare-earth doped sol-gel silicate glasses for scintillator applications",* Rad. Eff. Def. in Solids 158 , 463 (2003).
133. M. Nikl, N. Solovieva, J. Pejchal, J.B. Shim, A. Yoshikawa, T. Fukuda, A. Vedda, M. Martini, *"Very fast $Yb_xY_{1-x}AlO_3$ single-crystal scintillators*", Appl. Phys. Lett. 84, 882 (2004).
134. A. Vedda, N. Chiodini, D. Di Martino, M. Fasoli, S. Keffer, A. Lauria, M. Martini, F. Moretti, G. Spinolo, M. Nikl, N. Solovieva, G. Brambilla, *"Ce^{3+}-doped optical fibers for remote radiation dosimetry"*, Appl. Phys. Lett. 85, 6356-58 (2004).
135. A. Vedda, N. Chiodini, D. Di Martino, M. Fasoli, M. Martini, F.Moretti, E. Rosetta, G. Spinolo, M. Nikl, N. Solovieva, A. Baraldi, R. Capelletti *"Luminescence properties of rare-earth ions in SiO_2 glasses prepared by the sol-gel method"*, J. of Non-Cryst. Solids, 345-46, 338-342 , 2004.
136. G.P. Pazzi, P. Fabeni, C. Susini, M. Nikl, P. Bohacek, E. Mihokova, A. Vedda, M. Martini, A. Kobayashi, Y.A. Usuki, *"Recombination luminescence in lead tungstate scintillating crystals",* Rad. Meas. 38, 381-384 (2004).
137. H. Sato, A. Bensalah, N. Solovieva, A. Beitlerova, A. Vedda, M. Martini, M. Nikl, T. Fukuda, *"X-ray damage characterization in $BaLiF_3$, $KMgF_3$ and $LiCaAlF_6$ complex fluorides"* Rad. Meas. 38, 463-466 (2004).
138. A. Vedda, D. Di Martino, M. Martini, J. Mares, E. Mihokova, M. Nikl, N. Solovieva, K. Blazek, K. Nejezchleb, *"Trap levels in Y-aluminum garnet scintillating crystals"* Rad. Meas. 38, 673-676 (2004). A, 79 253-256 (2004).
139. I. Veronese, A. Giussani, H.Y.Goksu, M. Martini: "*The trap parameters of electrons in intermediate energy levels in quartz*" Rad. Meas. 38, 743-746 (2004).
140. A. Galli, C. Montanari, M. Martini, E. Sibilia " *Thermally and optically stimulated luminescence of early medieval blue-green glass mosaics"* Rad. Meas. 38, 799-803 (2004).
141. A. Galli, M. Martini, E. Sibilia, G. Padeletti, P. Fermo "*Luminescence properties of lustre decorated majolica*", Applied Physics A, 79 293-297 (2004).
142. I. Veronese, A.Giussani, H.Y.Goksu, M. Martini: "*Isothermal decay studies of intermediate energy levels in quartz*" Radiat. Environ. Biophys. 43 51-57 (2004).
143. M. Martini *Datazione con Termoluminescenza: principi, tecniche, campi di applicazione* in: S. Siano (ed.) *Atti del Corso Internazionale su "Tecnologie e metodologie innovative per lo studio e il restauro di manufatti archeologici", Castiglioncello, 31 Maggio-5 Giugno 2004*. Collana "Manufatti Archeologici. Studio e Conservazione". Nardini Editore, Firenze, pp. 281-306, 2004.
144. A. Vedda, N. Chiodini, D. Di Martino, M. Fasoli, M. Martini, A. Paleari, G. Spinolo, M. Nikl, N. Solovieva, A. Baraldi and R. Cappelletti, "*Rare-earth aggregates in sol-gel silica and their influence on optical properties"*, Phys. Stat. Sol. (c) 2, 620 (2005).
145. V. Laguta, A. Vedda, D. Di Martino, M. Martini, M. Nikl, E. Mihokova, J. Rosa and Y. Usuki, *"Electron capture in $PbWO_4$:Mo and $PbWO_4$:Mo,La single crystals: ESR and TSL study",* Phys. Rev. B 71, 235108 (2005).
146. Martini, M., Castellano, A., Sibilia, E. (a cura di). (II ed. 2005). Elementi di archeometria: metodi fisici per i beni culturali. Milano : EGEA.
147. M. Martini and E. Sibilia *Absolute dating of historical buildings: the contribution of thermoluminescence (TL)* J Neutron research 14, 69 (2006)
148. A.Galli, G. Poldi, M. Martini, E. Sibilia, C. Montanari, L. Panzeri. *Study of blue colour in ancient mosaic tesserae by means of thermoluminescence and reflectance measurements*. Appl..Phys. A., 83, 675-679 (2006).
149. A. Galli, M. Martini, E. Sibilia ,C. Montanari, L. Panzeri *Photoluminescence emissions of ceramics: a marker of production technology.* Appl. Phys. A 83, 681-684(2006).

150. A. Galli, M. Martini, C. Montanari, L. Panzeri, E. Sibilia. *TL emission of fine-grain samples from quartz-rich archaeological ceramics: dosimetry using the low temperature peaks.* Radiation Measurements, 41, 1009-1014, (2006).
151. O. Sellès, M. Fasoli, A. Vedda, M. Martini, D. Gourier, *Thermoluminescence study of cerium-doped lanthanum halides,* Phys. Stat. Sol. (c) 4, 1004-1007 (2007).
152. I. Veronese, M. Fasoli, M. Martini, F. Moretti, A. Vedda, G. Loi, E. Mones, *Phosphorescence of SiO2 optical fibres doped with $Ce3^{+}$.* Phys. Stat. Sol. (c) 4, 1024-1027 (2007).
153. M. Martini, A. Galli, *Ionic mechanism in the optically stimulated luminescence of quartz*, Phys. Stat. Sol. (c) 4, 1000-1003 (2007).
154. A. Galli, G. Poldi, M. Martini, E. Sibilia, *Thermoluminescence and visible reflectance spectroscopy applied to the study of blue-green mosaic silica-glass tesserae*, Phys. Stat. Sol. (c) 4, 950-953 (2007).
155. Cristina Boschetti, Cristina Leonelli, Anna Corradi, Paola Iacumin, Marco Martini, Emanuela Sibilia, Sara Santoro and Barbara Sassi, *Glass-working evidences at Du¨rres, Albania: An archaeological and archaeometric study.* Journal of Cultural Heritage 9, 33-36 (2008)
156. A. Galli, M. Martini, L. Panzeri and E. Sibilia *Radioluminescence study of surface and ceramic body of lustred majolicas* Surface Engineering 24, 118-120 (2008).
157. Martini, M., Sibilia, E., Cucarzi, M., & Zolese, P. (2008). *Absolute dating of MySon monuments (G group and E7) with the thermoluminescnce technique. In A. Hardy, M. Cucarzi, & P. Zolese (a cura di), Champa and the archaeology of MySOn (Vietnam*). Singapore : NUS Press.
158. A. Galli, L. Bonizzoni, M. Martini, E. Sibilia, *Archaeometric study of fictile tubes from three churches in Milano*, Applied Physics A 97, 117-121 (2008).
159. A. Galli, L. Panzeri, M. Martini, E. Sibilia, P. Vignola, S. Andò, R. Pini, P.M. Rossi, *OSL Optically Stimulated Luminescence dating of a stratigraphic Late Glacial-Holocene sequence in the Po Plain (Bubano quarry, Bologna, Italy),* Quat. Internat. 199, 45-55 (2009)
160. M. Martini, M. Fasoli, A. Galli *Quartz OSL emission spectra and role of [AlO4]° recombination centres*, Radiation Measurements, 44 (2009) 458-61.
161. Guibert P., Bailiff I. K., Blain S., Gueli A.M., Martini M., Sibilia E., Stella G., Troja S.O. *Luminescence dating of architectural ceramics from an early medieval abbey: the St-Philibert intercomparison (Loire Atlantique, France)* , Radiation Measurements, 44 (2009) 488-93.
162. I. Zembo, L. Panzeri, A. Galli, R. Bersezio, M. Martini, E. Sibilia *Quaternary evolution of the intermontane Val d'Agri Basin, Southern Apennines*, Quaternary Research, 72 (2009) 431–42.
163. E. Gliozzo, D. D'Aco, I. Memmi Turbanti, A. Galli, M. Martini, E. Sibilia, *Common ware production at Thamusida: dating and characterisation of Roman and Islamic pottery*, Archaeol Anthropol Sci 1 (2009) 75-80
164. G. Poldi, L. Quartana, A. Galli, F. Maspero, M. Fedi, M. D'Elia, G. Quarta, L. Calcagnile, P. A. Mandò and M. Martini *Dating a composite ancient wooden artefact and its modifications. A case study*, Nuovo Cimento C 31 (2009) 569-580
165. Frank Preusser, Makaiko L. Chithambo, Thomas Götte, Marco Martini, Karl Ramseyer, Emmanuel J. Sendezera, George J. Susino, Ann G. Wintle *Quartz as a natural luminescence dosimeter*, Earth Science Reviews 97 (2009) 184-214
166. Martini, M., Sibilia, E., *Thermoluminescence study of the clay-core of the Lupa Capitolina*, Boreas, 32 (2009), 187-194.
167. Galli, A., Martini, M., Sibilia, E., & Villa, I. *Towards luminescence dating of mosaic glass.* Mediterranean archaeology and archaeometry, 10 (2010) 77-84
168. I. Veronese, A. Galli, M. Martini, M.C. Cantone, G. Guzzi, *Study of TSL and OSL properties of dental ceramics for accidental dosimetry applications*, Radiation Measurements 45 (2010) 35-41
169. Casellato, U., Martini, M., Pini, S., Rosa, P., Sibilia, E., & Soroldoni, L. (2010). *Le Battaglie Loeser di Palazzo Vecchio: analisi e raffronti tecnici. In I grandi bronzi del Battistero: Rustici e Leonardo*. Firenze : Giunti editore.

170. Costantini, J.M., Beuneu, F., Fasoli, M., Galli, A., Vedda, A.G., Martini, M. *Thermo-stimulated luminescence of ion-irradiated yttria-stabilized zirconia*. Journal of physics. Condensed matter 23 (2011) 115901.
171. Maspero, F., Sala, S., Fedi, M.E., Martini, M., & Papagni, A. *A new procedure for extraction of collagen from modern and archaeological bones for 14C dating*, Analytical and bioanalytical chemistry 401 (2011) 2019-2023.
172. Costantini, J.M., Beuneu, F., Fasoli, M., Galli, A., Vedda, A.G., Martini, M. *Thermo-stimulated luminescence of x-ray- and alpha-irradiated yttria-stabilized zirconia*. Journal of physics. Condensed matter 23 (2011) 455901-06.
173. Galli, A., Martini, M., Sibilia, E., Vandini, M., Villa, I., *Dating ancient mosaic glasses by luminescence:The case study of San Pietro in Vaticano*, Eur. Phys J. Plus, 126 (2012).
174. Martini, M., Fasoli, M., Galli, A., Villa, I., Guibert, P., *Radioluminescence of synthetic quartz related to alkali ions,* Journal of luminescence, 132 (2012) 1030-1036.
175. D. Di Martino, A. Galli and M.Martini, The intruiging case of silicon crystals unveiled in ancient mosaic tesserae, J. Raman Spectr 43 (2012), 1824-27.
176. M. Martini, M. Fasoli, I. Villa and P. Guibert, Radioluminescence of synthetic and natural quartz, Radiation Measurements 47 (2012) 846-50
177. A. Galli, M. Martini, E. Sibilia and F. Fumagalli, *The role of opacifiers in the luminescence of mosaic glass: Characterization of the optical properties of cassiterite (SnO2)* Radiation Measurements 47 (2012) 814-19
178. L. Panzeri, M. Martini and E. Sibilia *Effects of thermal treatments on luminescence features of three natural feldspars* Radiation Measurements47 (2012) 877-82
179. S Legnaioli, F Anabitarte Garcia, A Andreotti, E Bramanti, D Díaz Pace, S Formola, G Lorenzetti, M Martini, L Pardini, E Ribechini, E Sibilia, R Spiniello, V Palleschi, *Multi-technique study of a ceramic archaeological artifact and its content,* Spectrochimica acta. Part A, Molecular and biomolecular spectroscopy. 100 (2013) 144-148