

BIBLIOGRAFÍA

En principio la investigación necesita más cabezas que medios.

Severo Ochoa

BIBLIOGRAPHIE / BIBLIOGRAFIA

- AGRAWAL, O.P., *Conservation of manuscripts and Paintings of South-east Asia* Ed. BH Glasgow, Scotland, 1984.
- AITEN, Y., *et al.*, *Constituants fibreux des pâtes, papiers et cartons. Pratique de l'analyse*. Ed. Centre Technique de l'Industrie des Papiers, Cartons et Cellulose y l'Ecole Française de Papeterie et des Industries Graphiques, Grenoble, 1988.
- ALDABE, J.- HUETO, A. – JUNI, J. – LÓPEZ, P., *Biología*, Ed. Erein, 1998.
- ANDREWS, T., *et al.*, “An investigation into the removal of enzymes from paper following conservation treatment”, *Journal of the American institute of conservation*, vol 31, n 3, Canada, 1992, pp. 312-323.
- ARNEY, TS., CHAPEDELAIN, A.H., “A kinetic study of the influence of acidity on the accelerated aging of paper”, *Preservation of Paper and Textiles of Historic and Artistic Value*, Ed. Am. Chemical Soc, Washington DC, 1981, pp. 189-216.
- AUBIER, D., *et al.*, “Degradation caused by cellulose diacetate: analysis and proposals for conservation treatment”, *Restaurator* 17, Denmark, 1996, pp.130-143.
- AZETA, V., *Gli enzimi e la lana* , Tintoria, Anno 93, N. 11, 1996, pp. 108-109.
- BAKER, C. A., « Methylcellulose et Carboxymethylcellulose sodique: étude par vieillissement accéléré des propriétés pour la conservation du papier », *Adhésifs et consolidants. Congrès internationale de l'IIC X^{ème}* , Ed. Champs-sur-marne, IIC, Paris, 1984.
- BANIK, G., “Removal of Starch paste adhesives and relinings from paper vased objects by means of Enzyme poultices” *Materiali tradizionali ed innovativi nella pulitura dei dipinti e delle opere policrome mobili: atti del primo congresso internazionale colore e conservazione, Piazzola su Brenta (PD), 25-26 ottobre 2002*, Il Prato, Padova, 2003, pp.33-38.
- BANIK, G., CREMONESI, P., LA CHAPPELLE, A., MONTALBANO, L., *Nuove metodologie nel restauro del materiale cartaceo*, Il Prato, Padova, 2003.

- BARBACHANO, P., “San Millán Diferentes alternativas a la laminación de soportes de papel”, *VI Congreso de Conservación de B.C.*, Ed. Generalitat de Catalunya, Departamento de Cultura, Barcelona, 1988.
- BARBACHANO, O., BENY, A., GUERRERO, I., MERINO BAÑOS, M., “Novedades en los sistemas de laminación y reintegración mecánicas” *VII Congreso de Conservació de Bens Culturals*, Ed. Generalitat Valenciana, Valencia, 1990, pp.541-546.
- BEDYNSKI, M., “The use of enzymes in the conservation treatment of a seventeenth-century wall map of America” *Journal of the International Institute for Conservation, Canadian Group*, Vol. 20, Canada , 1995, pp. 11-18.
- BELLUCI, R., CREMONESI, P., “L' uso degli enzimi nella conservazione e nel restauro dei dipinti” *Kermes: arte e tecnica del restauro*, vol. 7, n. 21, Fiesole , 1994, pp. 45-64.
- BELLUCCI, R., CREMONESI, P., PIGNAGNOLI, G., “A preliminary note on the use of enzymes in conservation: the removal of aged acrylic resin coatings whith lipase”, *Studies in conservation Vol. 44*, 1999, pp. 278-281.
- BLASCO CASTIÑEYRA, I., DE LA VIÑA FERRER, S., SAN ANDRÉS MOYA, M., “Criterios. Fundamentos y antededentes de la utilización de enzimas en tratamientos de limpieza”, *PH Boletín del instituto Andaluz del Patrimonio Histórico*, nº 53, 2005, pp. 24-34.
- BLASCO, I., DE LA VIÑA, S., SAN ANDRÉS, M., “La utilización de enzimas proteolíticas en procesos de limpieza de policromías. Importancia de la realización de estudios previos de caracterización de los preparados enzimáticos”, *XV Congreso de Conservación y Restauración de Bienes Culturales*, Murcia, 2004, pp.203-212.
- BONOMI, R., “Utilizzo degli enzimi per il restauro di una scultura in terracotta policroma”, *OPD restauro*, N. 6, Firenze, 1994, pp. 101-107, 162.
- BRANDT, A-C., *La désacidification de masse du papier. Étude comparative des procédés existants*, Ed. Bibliothèque Nationale, Paris, 1992. pp.10-26.
- BRONISLAVA, B., “Study on the Effect of Butanol Vapours and other Alcohols on Fungi”, *Restaurator*, Vol.27 nº3, 2006, pp.186-199.
- BUTAZZONI, N., CASOLI, A., CREMONESI, P., ROSSI, P., “Preparazione e utilizzo di gel enzimatici, reagenti per la pulitura di opere policrome”, *Progetto restauro*, Anno 7, N. 16, 2000, pp. 11-19.

-
- BUYS, S., OAKLEY, V., *The conservation and restoration of ceramics*, Ed. BH, GB, 1993.
 - CAMPANELLA, L., ANTONELLI, A., FAVERO, G., TOMASSETTI, M., “New archeometric method for wood based on an enzymatic biosensor”. *L'Actualité Chimique*, 2001, pp. 14-20.
 - CAMPANELLA, L., BATTILOTTI, M., COSTANZA, C., “Studies on simulated ageing of paper by photochemical degradation”, *Annali di Chimica* 95, 2005, pp.727-740.
 - CAMPANELLA, L., BATTILOTTI, M., COSTANZA, C., “Degradazione fotochimica della cellulosa della carta” *Ambiente, Risorse e Salute*, n.99, Anno XXIII, 2004, pp.6-12.
 - CAMPANELLA, L., COSTANZA, C., TOMASSETTI, M., “trattamento della carta con antiossidanti”, *La chimica e l'industria*, n°10, anno 87, pp.84-89.
 - CANELA, G., NUGARI, M.P., SALVADORI, O., *La biología en la restauración*, Ed. Nerea, Hondarribia, 2000.
 - CARR, D., NIVEN, B., CAMPBELL, L., “Effect of selected aqueous treatments on the properties of two papers”, *Studies in Conservation* Vol.51 n°3, 2006, pp.189-198.
 - CERNIC, L.M., VODOPIVEC, J., “Protection and Conservation of Materials on Paper: Evaluation of Permanence and Durability of the laminated Material on Paper”, *RESTAURATOR*, n° 18, Munich, 1997, pp. 177-190.
 - CHARETTE, C; BURGESS, H, “The use of enzymes in the conservation of organic materials”, *Iic-cg annual conference*. 8., Quebec, Ottawa, 1982, pp. 22-23.
 - CHÁVEZ-PACHECO, J.L., *et al.*, “Celulosa bacteriana en *Gluconacetobacter Xylinum*: Biosíntesis y Aplicación”, *Revista Especializada en Ciencias Químico – Biológicas* Vol. 7, n° 001, México, 2004, pp.18-25.
 - CHAWLA, P.R., *et al.*, « Microbial Cellulose: Fermentative Production and Applications”, *Food Technology Biotechnology* Vol. 47, n°2, 2009, pp.107-124.
 - CONA, T., “Condiciones para un buen estudio de susceptibilidad mediante test de difusión en agar”, *Rev. chil. infectol.*, vol.19 supl.2, 2002, pp.77-81.
 - COOPER, D., KING, C., SEGAL, J., “The use of enzymes in partially non-aqueous media” *International conference on the conservation of library and*

archive materials and the graphic arts, Cambridge, 22-26 September 1980. Abstracts and preprints, London: Institute for paper conservation. Society of archivists, Cambridge, 1980, pp. 14-19.

- COPEDÉ, M., *La carta e il suo degrade*, ed. Nardini, Firenze, 1991.
- COPEDÉ, M., *et al.*, *Interventi per la Conservazione del patrimonio librario e archivistico*, Ed. Fratelli Palombi, Roma, 1991.
- CREMOSI, P., *L'uso degli enzimi nella pulitura di opere policrome*, Ed. Il prato, Padova, 2002.
- CRESPO, C., VIÑAS, V., *La Preservación y restauración de documentos y libros en papel: un estudio del RAMP con directrices*, Ed. Organización de las Naciones Unidas para la Educación, la Ciencia y la Cultura, Paris, 1984.
- CROOK, D.M., BENNETT, W.E., *The Effect of Humidity and Temperature on the Physical Properties of Paper*, Ed. The British paper and Board Industry Research Association, Surrey (Inghilterra), 1962.
- CURRI, S., “Considerazioni sull'importanza di un'impostazione biochimico-biologica di alcuni aspetti del restauro delle opere d'arte” *Atti del convegno sul restauro delle opere d'arte. Firenze, 2-7 novembre 1976*, Opificio delle pietre dure, Edizioni polistampa, Firenze, 1981.
- DANIELS V., “Removal of epoxy resins from antiquities” *Conservation news (UKIC newsletter)*, n° 16, England, 1981.
- DEL CASTILLO NEGRETE, M., *Estudio comparativo de los efectos que tienen los consolidantes sobre el papel*, Ed. Escuela Nacional de Conservación, Restauración y Museografía, México, 1995, pp.4-29.
- DELMER, D., “Cellulose Biosynthesis: exciting Times for A Difficult Field of Study”, *Annu. Rev. Plant Physiol. Plant Mol. Biol.*, California, 1999, pp. 245-76.
- DI MAJO, A., MITA, L., “L'uso degli enzimi nella conservazione dei materiali librari. Alcune osservazioni sperimentali” *Bollettino dell'istituto centrale per la patologia del libro "alfonso gallo"*, Anno 39, Italia, 1984.
- ERICKSON, H., “Usage recommendations for α -amylases: maximizing enzyme activity while minimizing enzyme-artifact binding residues” *The Book and paper group annual: vol. 11* / Espinosa, Robert (comp.), AIC, Washington D.C, 1992, pp. 24-33.
- FEDERICI, C., *Manuale di conservazione e restauro del libro*, Ed. NIS, Roma, 1983.

- FELLER, R.L., “Studies in photochemical deterioration”, *ICOM*, 4th Triennial Meeting, Venecia, 1975.
- FELLER, R.L. “Fundamentals of Conservation Science: Induction time and the autoxidation of organic compounds”, *Bull American Inst. for conservation AIC*, 14 n°2, pp. 142-51.
- FLORIAN, M.L., KRONKRIGHT, D.P., NORTON, E., *The Conservation of Artifacts Made from Plant Material*, Ed. The J. Paul Getty Trust and Princeton University Press 2^oEd, Ucla, 1992.
- GALLO, F., *Biological Factors in deterioration of paper*, Ed. ICCROM, Roma, 1985, pp.132-133.
- GARABELLI, G., “Unità di metodologia e applicazione di prodotti biologici nelle operazioni di restauro di sculture policrome”, *OPD restauro*, N° 10, 1998, pp. 112-120, 132-133.
- GARG, N., *Recent Advances in Biodeterioration and Biodegradation*, Ed. KI Garg, Calcuta, 1997.
- GAUDU, A., « Etude et conservation-restoration de trois esquisses peintes à l'huile sur papier imprégné par Paul Baudoüin à la fin du XIXe siècle (Rouen, musée des Beaux-Arts): cas d'un papier imprégné collé avec un mélange d'huile et de blanc de plomb sur un papier vergé: essai de démontage » Institut national du patrimoine. Département des restaurateurs du patrimoine, Mémoire de fin d'études, *INP-IFROA*, Paris, France, 2002.
- GAST, M., “Paper-splitting: a problematic but indispensable method in paper restoration”, *Restaurator*, Vol. 14, N. 4, Denmark, 1993, pp. 234-252.
- GÓMEZ, M. L., *Examen científico aplicado a la conservación de obras de arte*, Ed. Catedra Cuadernos arte, Madrid, 1998.
- GOMEZ URQUIZA, M., HUERTA CORIA, R., *Papel. Efecto de tres consolidantes sobre la celulosa*, Ed. Escuela Nacional de Conservación, Restauración y Museografía, México, 1980.
- GRATAN, D.W, *et al.*, “The characterization of enzymes for use in paper conservation” *International conference on the conservation of library and archive materials and the graphic arts, Cambridge, 22-26 September 1980. Abstracts and preprints*, Institute for Paper Conservation. Society of Archivists, London, 1980, pp. 6-13.

- GRATTAN, D., *et al.*, "The use of enzymes in partially non-aqueous media". *Conservation of Library and Archives Materials and the Graphic Arts*, Ed. G. Petherbridge, Butterworths, London , 1987, pp. 15-24.
- GRUNDY, C.M., KENNEDY, T.D., "Laminated material from the National Anthropological Archives", *Conservation science 2002*, Ed. Archetype Publications, Scotland, 2002.
- GUPTA, C.B., "Recent development in the treatment of water damaged documents" *Conservation of manuscripts and documents: problems and prospects. Proceedings of the National Seminar held at Bharat Kala Bhawan, Varanasi, December 14 to 16, 1990 / Agrawal, O.P. (ed.). INTACH, Lucknow, India, 1992, pp. 69-73.*
- GUTIERREZ, S., FLORES, L.H., "Comparative study of four consolidants used for cellulosic supports", *Materials Research Society Symposium Proceeding, Vol. 352*, Ed. MRS, Pittsburgh, Pennsylvania, 1995, pp.807-812.
- HACKNEY, G.J. HEDLEY, G.A., "The deterioration of linen canvas: accelerated aging test...", *Science and Technology in the service of Conservation*, Ed. Congreso de Washington, Washington, 1982, pp. 151-3.
- HADDOUR, N., COSNIER, S., GANDRAN, C., « Electrogenation of a Poly (purrole)- NTA Chelator Film for a Reversible Oriented Immobilization of Histidine – Tagged Proteins”, *JACS COMMUNICATIONS*, publicado en la red, 2005.
- HAUSER, R., "Technology update: enzymes in conservation: a conference report" *Technology & conservation*, vol. 11, n. 4, Boston, 1993, pp. 13-14.
- HAVERMANS, J., "Ageing Behaviour of Encapsulated Paper", *Restaurator*, Germany, 1999, pp. 108-115.
- HEDDLETHWAITE, S., "Effetti della laminazione. Il quaderno di disegni di Jacapo Palma il Gionave", *OPD Restauro*, Ed. Centro Di Firenze, 1989, pp. 49-58.
- HELMWARD, Z., *Handbook of Enzyme Inhibitors*, Ed. VCH, Weinheim (Alemania), 1990.
- HEY, M., PETHERBRIDGE, G., "Paper conservation processes hazardous to health", *The paper conservator*, Vol. 5-6, 1980, pp. 5-13, 32.
- HOLDEN ELLIS, M., *The care of Prints and Drawings*, Ed. Altamira, Walnut Creek (UK), 1995.

-
- HONRIE, C.V., *Materials for Conservation Organic consolidants, adhesives and coatings*, Ed. Butterworths Bodmin, Cornwall, 1987.
 - JAMES, C., CORRIGAN, C., ENSHAIAN, M.C., GRECA, MR., *Manuale per la conservazione e il restauro di disegni e stampe antichi*, Ed. Leo S. Olschki, Firenze, 1991.

 - JOHNSON, A.W., *Il restauro del libro*, Ed. MEB, Padova, 1989, pp. 22-24.

 - KEYES, K. M., “Alternatives to conventional methods of reducing discoloration in works of art on paper”, *Postprints from the AIC tenth annual meeting, Milwaukee, Wisconsin, 26-30 May, 1982*, Washington: American Institute for Conservation, 1984, pp. 100-104.

 - KNOX, S., “An assessment of catalytic activity in Wolber's lipase gel using an enzyme assay”, *Conservation news*, n. 58, London, 1995, pp. 47-48.

 - KOBAYASHI, S., SHODA, S., “Chemical síntesis of cellulose and cello-oligomers using a hydrolysis enzyme as a catalyst” *Int. J. Biol. Macromol.* Volume 17 number 6, 1995, pp. 373-379.

 - LA CHAPELLE, A., CHOISY, P., GALLO, F., LEGOY, D., «Emploi d'amylases et de protéases pour la restauration d'arts graphiques» *Materiali tradizionali ed innovativi nella pulitura dei dipinti e delle opere policrome mobili: atti del primo congresso internazionale colore e conservazione, Piazzola su Brenta (PD), 25-26 ottobre 2002*, Ed. Il Prato, Padova, 2003.

 - LANDI, S., *The textil conservator's Manual*, Ed. Butterworths, England, 1985.

 - LANDI, S., *The textil conservator's Manual*, 2nd, Ed. BH, Great Britain, 1992.

 - LARMINIE, P., “The use of enzymes for the removal of oil stains from paper” *Conference papers Manchester 1992*, Ed. The Institute of Paper Conservation. Manchester, 1992, pp. 119-122.

 - LEHNINGER, NELSON, COX, *Principios de Bioquímica*, 2º Edición, Ed. Omega Barcelona, 1995.

 - LEHNINGER, NELSON, COX, *Principios de Bioquímica*, 4º Edición, Ed. Omega, Barcelona, 2006, pp. 190-237.

- LIÉNARDY, A., VAN DAMME, P., *Inter Folia, Manuel de conservation et de restauration du papier*, Ed. Institut du Patrimoine artistique, Bruxelles, 1989.
- LORUSSO, S., *Caratterizzazione, tecnologia e conservazione dei manufatti cartacei*, Ed. Pitagora, Bologna, 2006, p. 20.
- MATTEINI, M., MOLES, A., *Ciencia y restauración. Método de investigación*, Ed. Nerea e IAPH, Hondarribia (Spain), 2001.
- MÉNDEZ, M., MEMBRILLO, J., “Mecanismos moleculares de la síntesis de celulosa en bacterias” *Revista Especializada en Ciencias Químico – Biológicas*, Vol. 7, n° 001, México, 2004, pp. 26-34.
- MORROW, C., “*Conservation treatment procedures: A manual of step-by-step procedures for the maintenance and repair of library materials*” Ed. Libraries Unlimited, INC, Colorado, 1982.
- NIKOLOVA, D., “Proteinase Inhibitors Vegerables and their Application in Enzimatic Conservation Treatments”, *Restaurator*, Vol. 14, 1993, Denmark, pp. 199-216.
- NINI, L., *et al.*, “Lipase catalysed hydrolysis of short chain substrates in solution and emulsion: a kinetic study”, *Biochimica y Biofísica Acta*, n°1534, 2001, pp. 34-44, (www.bba-direct.com).
- NYUKSHA, P., SERGLEVA, L.E., *Paper lamination: biological aspects*, Ed. ICOM 8th triennial meeting vol.II, Sidney, 1987.
- PAWLIK-SHOWRONSKA, B. *et al.*, “Arsenic availability, toxicity and direct role of GSH and phytochelatins in As detoxification in the green alga”, *Aquatic Toxicology* 70, 2004, pp. 201–212.
- PEÑA CASTRO, J.M., *et al.*, “Heavy metals removal by the microalga *Scenedesmus incrasatulus* in continuous cultures” *Bioresource Technology* 94 (2004), México, 2004, pp. 219-222.
- PEREZ, T., SUMUGAT, A., “Microalgal heavy metal indicators in freshwater systems of nonoc and dinagat islands, Surigao del Norte, Philippines” *Environmental Science Program, Ateneo de Manila University, Quezon City and Institute of Biology, College of Science, University of the Philippines, Diliman, Quezon City*.
- PETHERBRIDGE, G., *Conservation of Library and Archive Materials and the Graphic arts*, Ed. Butterworths, London, 1987.

-
- PORK, H.J., *Rate of paper degradation. The Predictive Value of Artificial aging tests*, Ed. European Commission on Preservation and Access, Amsterdam, 2000, pp. 13-28.
 - RAO, N.R., KUMAR, N.J., GANORKAR, M.C., “A non conventional method of wood preservation”, *Journal of archaeological chemistry*, Vol. 4, 1986, pp. 11-15.
 - RASTER, B., RINUY, A., « Elimination de "restaurations" antérieures sur des textiles islamiques de la collection Bouvier: analyse et traitement » *La conservation des textiles anciens: journées d'études de la SFIIC, Angers, 20-22 octobre 1994*, SFIIC, Champs-sur-Marne, 1994, pp. 277-282.
 - REAM DENNIN, J., “Observations on the Penetration of two Consolidants Applied to Insecure Gouache on Paper”, *The Book and Paper Group Annual, n°14*, Ed. AIC, USA, 1995, pp. 27-31.
 - RICHARDIN, P., LEROY, M., LECLERC, F., BONNASSIES, S., « Etude de la Stabilité d'un produit de doublage de documents : l'Area Bonded Fibre », *Nouvelles de l'ARSAG*, n°4, 1988, pp.7-8.
 - RICHTER, C.A., WELLS, F.L., “Influence of moisture in accelerated aging of cellulose”, *Tappi* 39,8, 1956, p. 603.
 - RIVERS, S., UMNEY, EN., *Conservation of furniture*, Ed. BH, Great Britain, 2003.
 - RODRIGUEZ LASO, M.D., *Degradación mediante envejecimiento acelerado del papel soporte de realizaciones artísticas actuales (óleo y acrílico)*, Ed. Universidad del país vasco, Bilbao, 1998, p. 306.
 - RODRÍGUEZ LASO, M., *El soporte de papel y sus técnicas. Degradación y conservación preventiva*, Ed. Universidad del País Vasco, Bilbao, 1999.
 - RODRÍGUEZ LASO, M., *Conservación y Restauración de la Obra Gráfica, Libros y Documentos*, Ed. Universidad del País Vasco, Bilbao, 2004.
 - SANTUCCI, L., ZAPALA PLOSSI, MG., “Invecchiamento della carta in tubo chiuso” *Problemi di conservazione*, Ed. Compositori, Bologna, 1973, pp. 501-512.
 - SARTORI, P., “Gli enzimi nella pulitura dei dipinti”, *Progetto restauro*, Anno 2, N° 2, 1996, pp. 35-37.
 - SCHÖNBOHM, D., BLÜHER, A., BANIK, G., “Enzymes in solvent Conditioned Poultices for the Removal of Starch-based Adhesives from Iron Gall

Ink Corroded Manuscripts” *Restaurator* Vol.25 N° 4, 2004, Germany, pp. 267-281.

➤ SHERIDAN, J., “Enzymes, as they relate to the conservator of paintings” *exposition of painting conservation*, Ed. Brooklyn Museum, Nueva York, 1962.

➤ SHODA, M, SUGANO, Y., “Recent Advances in Bacterial Cellulose Production”, *Biotechnology and Bioprocess Engeneering* Vol.10, n°1, 2005, pp. 1-8.

➤ SHODA, S., FUJITA, M., KOBAYASHI, S., “Glycanase-Catalyzed Síntesis of Non-natural Oligosaccharides”, *Trenes in Glycoscience and Glycotechnology* Vol.10 No. 54, 1998, pp. 279-289.

➤ SHODA, S., KOHRI, M., KOBAYASHI, S., “Glycosidase-catalyzed synthesis of oligosaccharides through intermediate analogue substrates”, *Chemistry and Biology Reserch Singpost Kerala*, India, 2005.

➤ SMITH, L., “Use of enzymes in textile cleaning” *Preprints of papers presented at the fifteenth annual meeting of the American Institute for Conservation of Historic and Artistic Works. Vancouver, British Columbia, Canada, May 20-24, 1987*, Washington DC: The American Institute for Conservation of Historic and Artistic Works, 1987, pp. 124-131.

➤ STRINGARI, C., “Examination and treatment”, *A closer look: technical and art historical studies on works by Van Gogh and Gauguin*, Ed. Cahier Vincent 3 Amsterdam, 1991, pp. 61-74.

➤ STRLIC, M., KOLAR, J., *Ageing and stabilisation of paper*, Ed. National and University Library, Slovenia, 2005, pp. 6-10.

➤ STRLIC, M., KOLAR, J., *Ageing and stabilization of paper*, Ed. National and University Library , Slovenia, 2005, p. 6.

➤ SUMIRA, S. J., DERBYSHIRE, A., FARRIMOND, L., “A technique for the removal of glue residues and light backings from non-immersible objects using enzymes”, *Paper conservation news*, N. 26, G-B, 1983.

➤ TÍMAR, A., BALAZSY, D., *Chemical principles of textile conservation*, Ed. Butterworth Heinemann, GB, 1998.

➤ TRIBOULOT, M.C., BOUCHER, N., « Déplaqage par hydrolyse enzymatique des colles animales », *De problematiek van verlijmingstechnieken en materialen in de conservatie-restauratie: BRK - APROA studiedagen, Brussel, 21-22 November 2001 = La problématique des techniques et des adhésifs de collage*

dans la conservation-restauration: journées d'études APROA - BRK, Bruxelles 21-22 novembre 2001 Association professionnelle de conservateurs-restaurateurs d'oeuvres d'art (APROA), Belgium, Bruxelles, 2003, pp. 31-45.

- TÜZÜN, *et al.*, "Equilibrium and kinetic studies on biosorption of Hg(II), Cd(II) and Pb(II) ions onto microalgae *Chlamydomonas reinhardtii*", *Journal of Environmental Management* 77, Turkey, 2005, pp. 85-92.
- UDEN, J., "The conservation of fragments of Coptic textile", *SSCR journal*, vol. 8, N. 3, Edinburg, 1997, pp. 16-19.
- VAILLANT, M., VALENTIN, N., *Principios básicos de la conservación documental y causas de su deterioro*, Ed. Ministerio de educación y cultura IPHE, Madrid, 1996.
- VALENTIN, N. *et al.*, "Analyses of deteriorated Spanish glass windows: cleaning methods using gel systems" *Triennial meeting (11th), Edinburgh, 1-6 September 1996*, ICOM Committee for Conservation, Paris, 1996, pp. 851-856.
- VAN DALEN, P., STOKMANS, J., "Research into the usefulness of enzyme treatments in separating prints from their backings".
- VAN DER REYDEN D., "Recent Scientific Reserch in paper Conservation". *Journal of the American Institute for Conservation*, 31 (1), 1992, pp. 117-138.
- VAN STEENE, G., MASSCHELEIN-KLEINER, L., "Modified starch for conservation purposes", *Studies in conservation*, Vol. 25, n. 2, 1980, pp. 64-70.
- VERGARA, J., *Conservación y Restauración de material cultural en Archivos y Bibliotecas*, Ed. Biblioteca Valenciana, Valencia, 2002, p. 53.
- VV.AA., *Diccionario de biología*, Ed. Anaya, Madrid, 1985.
- VV.AA., *Gran enciclopedia Larousse*, Ed Planeta, Barcelona, 1972.
- VV.AA., *Novedades en los sistemas de laminación y reintegración mecánicas, VII Congreso de Conservació de Bens Culturals* Ed. Generalitat Valenciana, 1990, pp. 541-546.
- VV.AA., *La Restauration à la Bibliothèque Nationale de France*, Ed. Bibliothèque Nationale de France, Brest, 2003.
- VV.AA., *Science for conservators. Book 2, Cleaning conservation Science Teaching Series*, Ed. The conservation unit, England, 1987.

- ZAPPALÀ, A., *Introduzione agli interventi di restauro conservativo di beni culturali caracei*. Ed. Del Bianco, Udine, 1990.
- WANSER, H., “The unveiling of A.J. Downing's Victorian plan for Washington, D.C., 1851”, *The Book and paper group annual: vol. 9*, Ed.AIC Book and Paper Group, Washington D.C, 1990, pp. 120-129.
- WENDELBO, O., FOSSE, B., “Protein “Surgey” A Restoring Procedure Applied on Paper”, *Restaurator press*, Vol. 1, 1970, Denmark, pp. 245-248.
- WENDELBO, O., “The Freeing of Papyri from Cartonnage”, *Restaurator press* vol. 2 n° 2, Denmark, 1975, pp. 41-53.
- WEBB, M., *Lacquer Technologie and conservation*, Ed. BH, Great Britain, 2000.
- WESER, U., WUNDERLICH, C., “ Removal of aged oil films by lipase: a placebo phenomenon”, *Zeitschrift für Kunsttechnologie und Konservierung*, Zürich, 1996, pp. 147-152.
- WOLBERS, R., *Cleaning painted surfaces*, Ed. Archetype Publications, Ltd London, 2000.
- WRIGHT, M., “A method of extracting papyri from cartonage” *Studies in conservation*, Vol. 28, n° 3, 1983, pp. 122-126.

Referencias de internet

- <http://www.sigmaldrich.com/catalog/search/ProductDetail?ProdNo=22180&Brand=FLUKA>
- http://www.kikkoman.co.jp/bio/j/rinsyou/pdf/21_GOD.pdf#search=%22glucose%20oxidase%20pH%22
- http://es.wikipedia.org/wiki/Microscopio_electr%C3%B3nico_de_barrido
- http://www.cedex.es/lceym/eq_labce/eq_cmmeb.html
- http://enciclopedia.us.es/index.php/Microscopio_electr%C3%B3nico_de_barrido
- (http://www.upct.es/sait/_sit/html/recursos_microscopia.htm)
- <http://www.ecoceanos.cl/sitio/docs/prensa.php?codPrensa=212>
- <http://www.ugr.es/~mgarrido/Protocolos.html>
- www.mazinger.sisib.uchile.cl
- http://www.cervantesvirtual.com/servlet/SirveObras/89142843210170586521457/024298_0025.pdf