

LIST OF PUBLICATIONS

- 32.- Sequence specific resonance assignment via Multicanonical Monte Carlo search using an ABACUS approach.
A. Lemak, **C. A. Steren**, C. H. Arrowsmith and M. Llinás.
Journal of Biomol. NMR 41, 29-41 (2008).
- 31.- Defining an inhibitory domain in the alpha subunit of the epithelial sodium channel
Marcelo D. Carattino, Christopher Passero, **Carlos A. Steren**, Ahmad B. Maarouf,
Joseph M. Pilewski, Michael M. Myerburg, Rebecca P. Hughey and Thomas R. Kleyman
Am J Physiol Renal Physiol, 294(1), F47-54 (2008).
- 30.- A pulse programmer for nuclear magnetic resonance spectrometers.
C.C. Odebrecht, C. C., D. Tagle, F.B. Zuriaga and **C.A. Steren**
Concepts in Magnetic Resonance Part A, 30A (2), 127-131 (2007).
- 29.- ABACUS, a Direct Method for Protein NMR Structure Computation via Assembly of Fragments.
A. Grishaev, **C. A. Steren**, A. Pineda-Lucena, C. Arrowsmith and M. Llinás.
Proteins, 61(1), 36-43 (2005).
- 28.- Contribution of the Methine group to the Transverse ^1H NMR relaxation in Vulcanized Natural Rubbers.
C.A. Steren, G.A. Monti, A.J. Marzocca and S. Cerveny.
Macromolecules, 37(15); 5624-5629 (2004).
- 27.- Influence of the Crosslinking in the Monomeric Friction Coefficient of NR Vulcanizates.
A.J. Marzocca, **C.A. Steren**, R.B. Raimondo and S. Cerveny.
International Polymers, 53, 646-655 (2004).
- 26.- Comparison of Mean Field Theory and ^1H -NMR Transversal Relaxation of Polydimethylsiloxane Networks.
D.A. Vega, M.A. Villar, E.M. Vallés, **C.A. Steren** and G.A. Monti.
Macromolecules, 34, 283-288 (2001).
- 25.- Chemical Solution Technique to Prepare Perovskite PZT and PLZT Thin Films.
N. Pellegrini, R. Trbojevič, O. De Sanctis, A. Frattini, **C.A. Steren**, R.R. Gil, M.E. Rapp
and C.J.R. González Oliver.
Integrated Ferroelectrics, 30, 111-120 (2000).
- 24.-Heteronuclear ^1H - ^{13}C Spin Echoes Mediated by Cross-Polarization
C.A. Steren
Solid State Nuclear Mag. Resonance, 16/3, 165-169 (2000).
- 23.- Synthesis of precursors for PZT thin films by chemical solution deposition
R. Caruso, O. de Sanctis, A. Frattini, **C.A. Steren** and R. Gil.
Surface and Coatings Technology, 122, 44-50 (1999).
- 22.- FT-EPR and HPLC Study of 4-CHLOROPHENOL Photolysis
A. Ouardaoui, D.M. Martino, **C.A. Steren** and H. van Willigen
Applied Magnetic Resonance, 13, 275-284 (1997).

- 21.- Time-Resolved EPR Study of $^3\text{C}_{60}$ in Solid Matrices
D.M. Martino, **C.A. Steren** and H. van Willigen
Research on Chemical Intermediates, 23(5), 415-429 (1997).
- 20.- Molecular Structure and EPR Data of Dimeric
Di- μ -axide-bis[cyanide(N,N diethylethylenediamine)] copper(II)
O.E. Piro, E.E. Castellano, J. Zukerman-Schpector, De Simone, D.M. Martino and **C.A. Steren**
J. of Chem. Crystallography, 27, 127 (1997).
- 19.- C₆₀ as a Photocatalyst of Electron Transfer Processes: Reaction of triplet $^3\text{C}_{60}$ with Chloranil, Perylene and
Tritolylamine
C.A. Steren, H. van Willigen, N. Gupta, L. Biczóć and H. Linschitz
Journal of Phys. Chem., 100, 8920-8926 (1996).
- 18.- CW and FT time-resolved EPR investigation of the quenching of the 2-propanolyl radical
K. Ohara, N. Hirota, **C.A. Steren** and H. van Willigen
Journal of Phys. Chem., 100, 3070-3074 (1996).
- 17.- Electron Transfer Mediated by $^3\text{C}_{60}$. An FT-EPR Study
C.A. Steren and H. van Willigen
Proc. Symp. Recent Adv. Chem. Phys. Fullerenes Relat. Mater.II; eds. Kadish, K.M.; Ruoff,
R.S.; Electrochem. Soc. (Pennington, NJ, 1995), 274-286.
- 16.- Photoinduced Spin Polarization of Paramagnetic Centers in Solid C₆₀
C.A. Steren, H. van Willigen and M. Fanciulli
Chem. Phys. Letters, 245, 244 -248 (1995).
- 15.- FT-EPR Study of The Photolysis of 4-Chlorophenol
A. Ouardaoui, **C.A. Steren**, H. van Willigen and C. Yang
Journal of the Am. Chem. Soc., 117(25), 6803-6804 (1995).
- 14.- FT-EPR Study of the CIDEP of 2-Propanolyl Radical Produced by the Reaction of Acetone with
Triethylamine
K. Ohara, N. Hirota, **C.A. Steren** and H. van Willigen
Chem. Phys. Letters, 232, 169-175 (1995).
- 13.- Electron Transfer Quenching of C₆₀ triplets: An FT-EPR Study of C₆₀-TCNE in Benzonitrile
C.A. Steren and H. van Willigen
Proc. Indian Acad. Sci.-Chemical Sciences 106(7), 1671-1679 (1994).
- 12.- FT-EPR Investigation of Fullerenes and Fullerides
K.-P. Dinse, D.M. Wang, R. Bramley, **C.A. Steren** and H. van Willigen
Progress in Fullerene Research, Proc. Kirchberg Winterschool on Electronic Properties of
New Materials; eds. Kuzmany, H.; Fink, J.; Roth, S.; Mehring, M. (World Scientific 1994) 488-492.
- 11.- EPR Investigation of Metastable $^3\text{C}_{60}$ and of Radical Ions of C₆₀ and C₇₀ in Solution
K.-P. Dinse, J. Friedrich, **C.A. Steren**, H. van Willigen, P. Rapta and A. Stasko
Proc. Symp. Recent Adv. Chem. Phys. Fullerenes Relat. Mater.; eds. Kadish, K.M.;
Ruoff, R.S.; Electrochem. Soc. (Pennington, NJ, 1994), 1030-1043.
- 10.- Time Resolved EPR Study of Electron Transfer Quenching of C₆₀ Triplets
C.A. Steren and H. van Willigen

Proc. Symp. Recent Adv. Chem. Phys. Fullerenes Relat. Mater.;
eds. Kadish, K.M.; Ruoff, R.S.; Electrochem. Soc. (Pennington, NJ, 1994), 818-830.

- 9.- Spin dynamics of C_{60} triplets
C.A. Steren, H. van Willigen and K.P. Dinse
Journal of Phys. Chem., 98, 7464-7469 (1994).
- 8.- Crystal Structure and Magnetic Properties of Diaqua(L-Aspartato) Copper(II)
R. Calvo, **C.A. Steren**, O.E. Piro, T. Rojo, F.J. Zuñiga and E.E. Castellano
Inorg. Chem., 32, 6016-6022 (1993).
- 7.- FT-EPR study of triplet state C_{60} . Spin dynamics and electron transfer quenching
C.A. Steren, P.R. Levstein, H. Van Willigen, H. Linschitz and L. Biczok
Chem. Phys. Lett., 204, 23-28 (1993).
- 6.- Magnetic and Structural Properties of Trans-Bis(D,L-Isoleucine) Copper(II)
D.M. Martino, **C.A. Steren**, R. Calvo and O.E. Piro
Journal of Solid State Chemistry, 90, 211-215 (1991).
- 5.- Molecular Structure and Single Crystal EPR Spectra of Bis(L-Valinato) Copper(II) Monohydrate
C.A. Steren, R. Calvo, O.E. Piro, E. Castellano and S.M. Fabiane
Physica B, 164, 323-330 (1990).
- 4.- Molecular Structure of Bis(L-leucinato)Zinc(II), and Single Crystal EPR Spectra of the
Substitutionally $^{63}Cu(II)$ -impurified Complex
C.A. Steren, R. Calvo, O. Piro and B.E. Rivero
Inorg. Chem., 28, 1933 (1989).
- 3.- Exchange Interaction in Bis-(L-Leucinato)Copper(II)
C.A. Steren, A.M. Gennaro, P. Levstein and R. Calvo
J. Phys.: Condensed Matter, 1, 637 (1989).
- 2.- EPR of Layered Magnetic Metal-Amino Acid Salts. II. $Cu(L-Met)_2$
P. Levstein, **C.A. Steren**, A.M. Gennaro and R. Calvo
Chemical Physics, 120, 449 (1988).
- 1.- EPR of Layered Magnetic Metal-Amino Acid Salts. I. $Cu(L-PHE)_2$
A.M. Gennaro, P. Levstein, **C.A. Steren** and R. Calvo
Chemical Physics, 111, 431-439 (1987).