

Name: Francisco Jesús Rey Losada

Birth date: 1959/06/17

Nationality: Spanish

Academic Training

BSc (Licenciatura en Química), University of Santiago de Compostela, Spain, 1982

PhD (Doctor en Química), University of Santiago de Compostela, Spain, 1986

Professional Activities

Professor (Profesor Titular), Department of Physical Chemistry, University of Vigo, Spain (since 1990)

Ibidem (Profesor Asociado), Department of Physical Chemistry, University of Santiago de Compostela, Spain (until 1990)

Most significant papers (total number: 45)

Rey, Francisco; Gutiérrez-Perera, Antonio; González-González, Manuela; Perlo, Patricia
Temperature influence on the conductimetric behaviour of solutions of acidic hunic-like natural polyelectrolyte obtained from eucalyptus

Trends in electrochemistry and corrosion at the beginning of the 21st century. Professor J.M. Costa

pps: 499, 504 Fecha: 2003

Book, Universitat Barcelona

F. Rey, A. Varela, J.M. Antelo, F. Arce

Influence of the ionic strength on the ionization of aminoacides

JOURNAL OF CHEMICAL AND ENGINEERING DATA

34, 35-37, 1989

F. Rey, A.A.S.C. Machado, F. Arce, M.A. Ferreira, A. Toja

Influence of the concentration on the conductimetric properties of a fulvic acid system

ANALYTICA CHIMICA ACTA

304, 375-379, 1994

F. Rey, M. Pérez-Asenjo, A.A.S.C. Machado, P. Facal, M.A. Ferreira, A. Toja

Influence of the concentration on the conductimetric properties of three leaf extracts of chestnut (*Castanea Sativa*) eucalyptus (*Eucalyptus Globulus*) and oak (*Quercus Robur*)

TALANTA

1919 -1923, 1995

F. Rey, M.A. Ferreira, P. Facal, A.A.S.C. Machado
Effect of the concentration, pH and ionic strength on the viscosity of solutions of a soil fulvic acid

CANADIAN JOURNAL OF CHEMISTRY-REVUE CANADIENNE DE CHIMIE
74, 295-299, 1996

J.C.G.E. Silva, A.A.S.C. Machado, F. Arce, M.A. Ramos, F. Rey
Quantitative study of Be(II) complexation by soil fulvic acids by molecular fluorescence spectroscopy

ENVIRONMENTAL SCIENCE & TECHNOLOGY
30, 3155-3160, 1996

J.C.G.E. Silva, M.A. Ferreira, A.A.S.C. Machado, F. Rey
Classification of binding sites for Al(III) in fulvic acids extracted from leaf litters and soils by synchronous fluorescence spectroscopy and multidimensional chemometric analysis

ANALYTICA CHIMICA ACTA
333, 71-82, 1996

Esteves da Silva, J.C.G.; Machado, Adélio A.S.C.; Ramos, M. Angeles; Arce, F.; Rey, F.
Variation of the stability of complexes of Al(III) with a fulvic acid extracted from a humic cambisol soil in the pH range three to five

ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY
16, 1845-1850

Rey, F.; Pérez-Asenjo, M.; Machado, A.A.S.C.; Facal, P.; Ferreira, M.A.
Influence of small alcohol concentrations on the conductimetric behaviour of a natural polyelectrolyte (Laurel, *Laurus Nobilis*)

JOURNAL OF ELECTROANALYTICAL CHEMISTRY
431, 77-79

Emilio Calle, Julio Casado, Francisco Rey
Concentration and pH influences on the Fe(II)-Fulvic acid dissociation kinetics

INTERNATIONAL JOURNAL OF CHEMICAL KINETICS
30, 63-67, 1998

J.C.G. Esteves da Silva, A.A.S.C. Machado, M.A. Ferreira, F. Rey
Study of the acid-base properties of leaf litter extracts

FRESENIUS JOURNAL OF ANALYTICAL CHEMISTRY
361, 479-486

J.L. Carballeira, J.M. Antelo, F. Arce y F. Rey
Modelling the effects of ionic strength on ionization parameters for a soil fulvic acid at low concentrations

ANALYTICA CHIMICA ACTA
401, 243-249

R.A. Bidegain, M. Kaemmerer, M. Guiesse, M. Hafidi, F. Rey, P. Morard, J.C. Revel
Effects of humic substances from composted or chemically decomposed poplar sawdust on
mineral nutrition of ryegrass
JOURNAL OF AGRICULTURAL SCIENCE
134, 251-257

Francisco Rey, Adelio A.S.C. Machado
Influence of the temperature on the viscosity measurements of solutions of a soil fulvic acid
canadian journal of chemistry-revue canadienne de chimie
78, 1013-1018

Communications (International and Nacional Congress, total 51), last four

F. REY, M. GONZALEZ-GONZALEZ, P.FACAL, J.L. GONZALEZ-GAVINO, Y.
CABALEIRO-ALONSO, I.CAO-MONROY, P.PERLO, M.HAFIDI, G. EGUREN,
P.QUIÑONEZ
FTIR ANALYSIS OF HUMIC-LIKE SUBSTANCES EXTRACTED FROM A TYPICAL
SPANISH FOREST PLANT (FERN, PTERIDIUM AQUILINUM)
10th International Meeting of the International Humic Substances Society
Toulouse (France) 24/07/2000

Gauthier, E.; Bailly, J.R.; Guiesse, M.; Kaemmerer, M.; Hafidi, M.; Rey, F.; Revel, J.C.
Reconnaissance des substances humiques de litières de hêtres, de sapins de Douglas et dépeças
4th workshop of the French Chapter of the International Humic Substances Society
Limoges (France) 21/11/2001

Rey, F.; Barrado, E.; González-González, M.; Gutierrez Perera, A.; Rodríguez Moinelo, N.;
González Losada, M.
Use of conductimetric measurements in the analysis of the interaction between metallic cations
and humus - like substances
VIII International Symposium on Analytical Methodology in the Environmental Field
A Coruña (Spain) 22/10/2003

Rey Losada, Francisco J.; Perlo Martínez, Patricia A
simulación de equilibrios de complejación metales-sustancias húmicas
IV Congreso Iberoamericano de Física y Química Ambiental (IV CIFYQA)
ISBN 84-611-0875-2
Cáceres (Spain) 22/05/2006

Other:

Five PhD Thesis Directed: Universities of Valladolid and Vigo, Spain
87 BSc Projects Directed, Universities of Valladolid and Vigo, Spain
12 Post Doctoral Research Visits (France, Italy, Spain, Brasil and Uruguay)
Ten International and National Research Projects (Main Research or Staff)
Referee (Journal of Chemical Engineering Data, Journal of Chemical Education, Sociedad
Iberoamericana de Física y Química Ambiental, Interciencia)