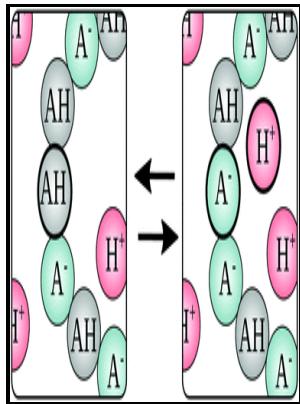


# Polyelectrolytes, hydrogels, chromatographic materials

**Springer-Verlag - Rheological Properties of Hybrid Hydrogels of Weakly Charged Polyelectrolytes Crosslinked by Aluminoxane Particles**



Description: -

- Colloids.

Polyelectrolytes.

Chromatographic analysis -- Equipment and supplies.Polyelectrolytes, hydrogels, chromatographic materials

- 104

Advances in polymer science ;Polyelectrolytes, hydrogels, chromatographic materials

Notes: Includes bibliographical references and indexes.

This edition was published in 1992



Filesize: 12.107 MB

Tags: #Multifunctional #coatings: #Charged #up #and #ready #to #connect

## A shear

A process for preparing a controlled release medicament according to any one of claims 26-31, wherein the incorporation of the active principle in the hydrogel material is accomplished by swelling this hydrogel material in a dry state in an aqueous solution containing this active principle. They can also be used to impart a to neutral particles, enabling them to be dispersed in aqueous solution. Ampholytic polymer: Polyelectrolyte composed of macromolecules containing both cationic and anionic groups, or corresponding ionizable group.

## WO1996037519A1

The editors of BioResources would be very happy to assist you during the process of submitting or reviewing articles. These hydrogel materials according to the present invention may also be advantageously used as supports for human cell growth, or as coating for blood vessels, artificial organs, and biomedical materials consisting of polymers such as polyurethanes, polypropylene, polyesters etc. Crit Rev Ther Drug Carrier Syst 28: 255-292.

## PERMEATION OF POLYELECTROLYTES AND OTHER SOLUTES INTO THE PORE SPACES OF WATER

Techniques such as can be used to study polyelectrolyte conformation and conformational changes.

## Strong adhesion of hydrogels by polyelectrolyte adhesives

The type of aqueous solution used to obtain hydrogels notably affects the viscoelastic properties of these materials, because they belong to the group of polyelectrolytes. As we increase the macroion separation, we simultaneously stretch the polyelectrolyte chain adsorbed to them.

## Zwitterionic Polyelectrolytes: A Review

A process for preparing the polysaccharide hydrogel material according to any one of claims 1-4 which comprises subjecting said functionalized hyaluronic or alginic acid optionally dissolved in an aqueous solution to radiations selected from the group consisting of UV, gamma and  $\beta$

radiations, optionally in the presence of a catalyst. D-mannuronic acid and D-guluronic acid units linked with alternating alpha- and beta-1,4-glycosidic bonds; Derivatives thereof, e.

**WO1996037519A1**

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