


[Sign In](#) | [My EndNote Web](#) | [My ResearcherID](#) | [My Citation Alerts](#) | [My Saved Searches](#) | [Log Out](#) | [Help](#)

ISI Web of Knowledge<sup>SM</sup>

Take the next step 

Web of Science

Additional Resources

[Search](#) [Cited Reference Search](#) [Advanced Search](#) [Search History](#) [Marked List \(0\)](#)

## Web of Science®

[<< Back to results list](#)

◀ Record 1 of 4 ▶

Record from Web of Science®

# Stellan Hjerten's contribution to the development of monolithic stationary phases

[Print](#) [E-mail](#) [Add to Marked List](#) [Save to EndNote Web](#) [more options](#)

**Author(s):** [Svec F](#) (Svec, Frantisek)

**Source:** ELECTROPHORESIS **Volume:** 29 **Issue:** 8 **Pages:** 1593-1603 **Published:** APR ~2008

**Times Cited:** 0 **References:** 30

**Abstract:** This overview is presented to celebrate the birthday of one of the luminaries of the separation science and my friend - Stellan Hjerten. He made significant contributions to a variety of areas in separation science such as electrophoresis, LC, and CEC to name just a few. Since the scope of his work was enormous, this review will focus only on a single aspect of his scientific activities, the design and applications of monolithic materials. During the years starting from 1989, Stellan Hjerten published many excellent papers concerning the preparation of acrylamide chemistry-based monoliths and their use in both micro-HPLC and CEC. The following text details his works in the field.

**Document Type:** Review

**Language:** English

**Author Keywords:** continuous bed; electrochromatography; HPLC; microfluidic devices; monolith

**KeyWords Plus:** PERFORMANCE LIQUID-CHROMATOGRAPHY; CONTINUOUS POLYMER BEDS; HYDROPHOBIC-INTERACTION CHROMATOGRAPHY; CAPILLARY ELECTROCHROMATOGRAPHY; EXCHANGE CHROMATOGRAPHY; HYBRID MICRODEVICE; SEPARATION MEDIA; UV-DETECTION; PROTEINS; FLOW

**Addresses:** Svec, F (reprint author), EO Lawrence Berkeley Natl Lab, Mol Foundry, Berkeley, CA 94720 USA  
EO Lawrence Berkeley Natl Lab, Mol Foundry, Berkeley, CA 94720 USA

**E-mail Addresses:** [fsvec@lbl.gov](mailto:fsvec@lbl.gov)

**Publisher:** WILEY-VCH VERLAG GMBH, PO BOX 10 11 61, D-69451 WEINHEIM, GERMANY

**Subject Category:** Biochemical Research Methods; Chemistry, Analytical

**IDS Number:** 298QV

## Cited by: 0

This article has been cited 0 times (from Web of Science).

[Create Citation Alert](#)

## Related Records:

Find similar records based on shared references (from Web of Science).

[\[ view related records \]](#)

## References: 30

View the bibliography of this record (from Web of Science).

## Suggest a correction

If you would like to improve the quality of this product by suggesting corrections, [please fill out this form](#).

**ISSN:** 0173-0835

**DOI:** 10.1002/elps.200700569

[<< Back to results list](#)

◀ Record 1 of 4 ▶

Record from **Web of Science®**

### Output Record

**Step 1:**

- Authors, Title, Source
  - plus Abstract
- Full Record
  - plus Cited Reference

**Step 2:** [\[How do I export to bibliographic management software?\]](#)

[Print](#) [E-mail](#) [Add to Marked List](#) [Save to EndNote Web](#)  
[Save to EndNote, RefMan, ProCite](#)  
[Save to other Reference Software](#) [Save](#)

*Please give us your [feedback](#) on using ISI Web of Knowledge.*

[Acceptable Use Policy](#)  
Copyright © 2008 [The Thomson Corporation](#)

