Mini Review

Sensors Based on Molecularly Imprinted Polymers

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Molecularly Imprinted Polymer (MIP) is a polymer having imprinted a molecule on its surface and the
surface is able to interact with the molecule chemically equivalent or at least resembling the template
collection. A matrix based on MIP has broad technical applicability in various disciplines like chemical
separation, medical use or in analytical chemistry. This paper is devoted to the survey and discussion
of MIP use in sensors construction. Materials and analytes are written in details and actual studies in
this field are discussed.

Keywords: affinity; antibody; biosensor; biorecognition; interaction; membrane; molecularly
imprinted polymer; piezoelectric

FULL TEXT

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