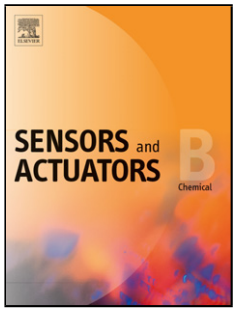

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Redox cycling effect at microchannel-integrated sandwich electrodes consisting of a suspended mesh and a substrate-bound planar electrode

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Research Highlights:

- Alignment-less fabrication of microchannel-integrated carbon sandwich electrodes.
- Sandwich electrodes consisted of a suspended mesh and a substrate-bound electrode.
- Microchannel-integrated sandwich electrodes exhibited high redox cycling efficiency.
- Sensitivity enhancement due to confined mass transfer in a microchannel.