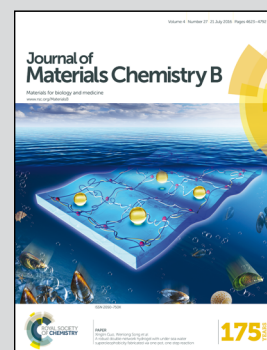


Highlighting joint research results from the group of Prof. Mingzhe Liu at the Key Laboratory of Structure-Based Drugs Design & Discovery (Shenyang Pharmaceutical University) of Ministry of Education, School of Pharmaceutical Engineering, Shenyang Pharmaceutical University, China, and Nano Medical Engineering Laboratory, RIKEN, Japan.

A signal-accumulating DNAzyme-crosslinked hydrogel for colorimetric sensing of hydrogen peroxide

In this hydrogel-based sensing system, sensing signal molecules were effectively accumulated inside the gel, and the concentrated DNAzyme inside the gel remarkably increased the catalytic activity, resulting in a rapid and highly sensitive visual detection of hydrogen peroxide.

As featured in:



See Mingzhe Liu *et al.*,
J. Mater. Chem. B, 2016, 4, 4648.



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