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Author: Yangjun Ding, Shasha Wang, Jinhua Li, Lingxin Chen

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1	Nanomaterial-based	optical sensors	for mercury io	ns
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3	Yangjun Ding ^a , Shasha Wang ^{bc*} , Jinhua Li ^b and Lingxin Chen ^{ab*}		
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5	^a College of Chemistry and Chemical Engineering, Qufu Normal University, Qufu		
6	273165, China.		
7	^b Key Laboratory of Coastal Environmental Processes and Ecological Remediation		
8	Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences, Yanta		
9	264003, China.		
10	^c University of Chinese Academy of Sciences, Beijing 100049, China.		
11			
12	* Corresponding authors.		
13	Tel.: +86 535 2109130; fax: +86 535 2109130		
14	E-mail addresses: lxchen@yic.ac.cn (Chen), sswang@yic.ac.cn (Wang)		
15			
16	Highlight		
17			
18	• The unique optical properties of nanomaterials made them		
19	candidates in the design of optical sensors		
20	• The review summarized the design principles of		
21	nanomaterials-based optical sensors for Hg ²⁺ detection		
22	Three kinds of optical nanosensors were included colorimetric		

assay, fluorometric analysis and SERS detection

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