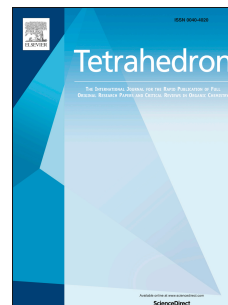


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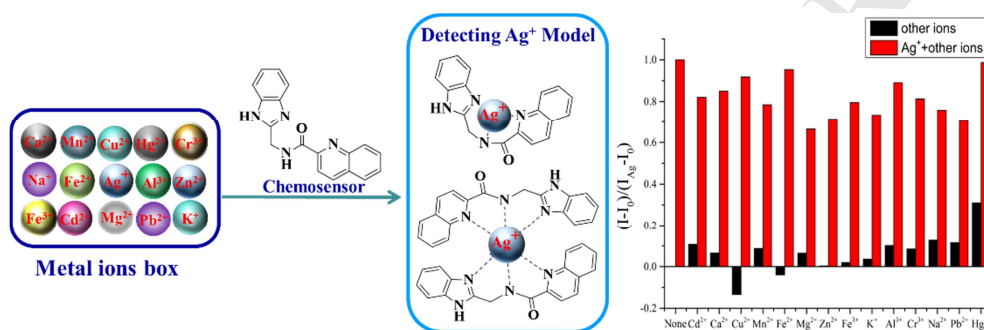
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A Simple Benzimidazole Quinoline-conjugate Fluorescent

Chemosensor for Highly Selective Detection of Ag⁺

Changjun Chen^{a,b,†}, Haiyang Liu^{a,b,†}, Bin Zhang^{b,c}, Yanwei Wang^{a,b}, Kai Cai^{a,b}, Ying Tan^{b,c*}, Chunmei Gao^{b,c*}, Hongxia Liu^{b,c}, Chunyan Tan^{b,c}, Yuyang Jiang^{b,c,d}

A quinoline benzimidazole scaffold based fluorescence probe was synthesized successfully, which had “turn on” effect for detecting Ag⁺ with high selectivity and good sensitivity.



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