

# Xiang-Juan Kong

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	MnO <sub>2</sub> -Nanosheet-Modified Upconversion Nanosystem for Sensitive Turn-On Fluorescence Detection of H <sub>2</sub> O <sub>2</sub> and Glucose in Blood. ACS Applied Materials & Interfaces, 2015, 7, 10548-10555.	8.0	315
2	MnO <sub>2</sub> -induced synthesis of fluorescent polydopamine nanoparticles for reduced glutathione sensing in human whole blood. Nanoscale, 2016, 8, 15604-15610.	5.6	87
3	A cobalt oxyhydroxide-modified upconversion nanosystem for sensitive fluorescence sensing of ascorbic acid in human plasma. Nanoscale, 2015, 7, 13951-13957.	5.6	73
4	Fabrication of a LRET-based upconverting hybrid nanocomposite for turn-on sensing of H <sub>2</sub> O <sub>2</sub> and glucose. Nanoscale, 2016, 8, 8939-8946.	5.6	54
5	A new label-free and turn-on strategy for endonuclease detection using a DNA-silver nanocluster probe. Talanta, 2015, 131, 116-120.	5.5	49
6	Light-up Sensing of human 8-oxoguanine DNA glycosylase activity by target-induced autocatalytic DNAzyme-generated rolling circle amplification. Biosensors and Bioelectronics, 2016, 79, 679-684.	10.1	35
7	Terbium metal-organic framework/bovine serum albumin capped gold nanoclusters-based dual-emission reverse change ratio fluorescence nanoplatform for fluorimetric and colorimetric sensing of heparin and chondroitin sulfate. Sensors and Actuators B: Chemical, 2022, 356, 131331.	7.8	23
8	A new label-free and turn-on fluorescence probe for hydrogen peroxide and glucose detection based on DNA-silver nanoclusters. Analytical Methods, 2015, 7, 7989-7994.	2.7	12
9	Phosphorylation-induced formation of a cytochrome c-peptide complex: a novel fluorescent sensing platform for protein kinase assay. Chemical Communications, 2016, 52, 776-779.	4.1	11
10	Fluorescent polydopamine nanoparticles as a nanosensor for the sequential detection of mercury ions and ascorbic acid based on a coordination effect and redox reaction. RSC Advances, 2020, 10, 28164-28170.	3.6	10
11	A redox modulated fluorescence nanoplatform for the detection of alkaline phosphatase activity with fluorescent polydopamine nanoparticles. Analytical Methods, 2021, 13, 322-326.	2.7	9
12	Endonuclease IV cleaves apurinic/apyrimidinic sites in single-stranded DNA and its application for biosensing. Analyst, The, 2016, 141, 4373-4380.	3.5	8
13	DNA Nanodevices for Base Excision Repair Regulates ATP In Situ Imaging and Tumor Therapy. ACS Applied Bio Materials, 2020, 3, 8507-8514.	4.6	8
14	A dual-amplification fluorescent sensing platform for ultrasensitive assay of nuclease and ATP based on rolling circle replication and exonuclease III-aided recycling. RSC Advances, 2015, 5, 75055-75061.	3.6	7
15	A novel fluorescent assay for uracil DNA glycosylase activity built on the 3'→5' exonuclease activity-based endonuclease IV cyclic signal amplification strategy. New Journal of Chemistry, 2020, 44, 21211-21217.	2.8	1