

Colorimetric detection for uranyl ions in water using vi
functionalized gold nanoparticles based on smartphone

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Unraveling a role of molecular linker in nanoparticles self-organization by SERS spectroscopy: Comparative study of three aromatic diamines. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 645, 128881.	4.7	2
2	Sugar Assisted Copper Sulfide Synthesis at Room Temperature and Pressure for Uranyl Ion Sensing. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
3	A field-deployable water quality monitoring with machine learning-based smartphone colorimetry. <i>Analytical Methods</i> , 2022, 14, 3458-3466.	2.7	8
4	Topical progress of gold nanoparticles towards diverse metal ion sensing through optical spectrometry and electrochemical techniques – A short review. <i>Journal of Materials Research and Technology</i> , 2023, 22, 1185-1209.	5.8	6
5	Smartphone-assisted colorimetric determination of uranyl ions in aqueous solutions. <i>New Journal of Chemistry</i> , 2023, 47, 4667-4673.	2.8	1
6	Unaided-eye detection of diverse metal ions by AuNPs-based nanocomposites: A review. <i>Microchemical Journal</i> , 2023, 190, 108628.	4.5	3
7	Sugar-assisted copper sulfide synthesis at room temperature and pressure for interaction with uranyl ions. <i>MRS Advances</i> , 0, , .	0.9	0
8	Progress in the design of portable colorimetric chemical sensing devices. <i>Nanoscale</i> , 2023, 15, 19016-19038.	5.6	0
9	Electrodes functionalized with advanced recognition materials for trace electrochemical sensing of uranyl ion. <i>Microchemical Journal</i> , 2024, 199, 109924.	4.5	0
10	A dual-ligand lanthanide-based metal-organic framework for highly selective and sensitive colorimetric detection of Fe ²⁺ . <i>Analytical Methods</i> , 2024, 16, 899-906.	2.7	0
11	Colorimetric sensing for the sensitive detection of UO ₂ ²⁺ via the phosphorylation functionalized mesoporous silica-based controlled release system. <i>Analytical Methods</i> , 2024, 16, 837-845.	2.7	0
12	Detection and quantification of Cu ²⁺ ion using gold nanoparticles via Smartphone-based digital imaging colorimetry technique. <i>Results in Chemistry</i> , 2024, 7, 101418.	2.0	0
13	Advanced –colorimetric uranium platform based on the enhanced nanozyme activity of a donor-acceptor structured covalent organic framework. <i>Analytica Chimica Acta</i> , 2024, 1302, 342503.	5.4	0