

# Tooba Hallaj

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,280  
citations

304743

22  
h-index

345221

36  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1520  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmon-enhanced fluorimetric and colorimetric dual sensor based on fluorescein/Ag nanoprisms for sensitive determination of mancozeb. <i>Food Chemistry</i> , 2022, 369, 130967.	8.2	9
2	A turn off fluorescent colorimetric and paper-based colorimetric dual-mode sensor for isoniazid detection. <i>Luminescence</i> , 2022, 37, 153-160.	2.9	11
3	Microwave-assisted facile synthesis of N, P co-doped fluorescent carbon dot probe for the determination of nifedipine. <i>Analytical Sciences</i> , 2022, 38, 393-399.	1.6	1
4	Morphology transition of Ag nanoprisms as a platform to design a dual sensor for NADH sensitive assay. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 431, 114043.	3.9	3
5	A dual-mode colorimetric and fluorometric nanosensor for detection of uric acid based on N, P co-doped carbon dots and in-situ formation of Au/Ag core-shell nanoparticles. <i>Microchemical Journal</i> , 2021, 162, 105865.	4.5	21
6	Angiotensin-converting enzyme as a new immunologic target for the new SARS-CoV-2. <i>Immunology and Cell Biology</i> , 2021, 99, 192-205.	2.3	5
7	A sensitive turn-off fluorescent sensor based on S,N co-doped carbon dots for environmental analysis of Hg(II) ion. <i>Luminescence</i> , 2021, 36, 1151-1158.	2.9	16
8	Doped-carbon dots: Recent advances in their biosensing, bioimaging and therapy applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 203, 111743.	5.0	77
9	A dual colorimetric and fluorometric sensor based on N, P-CDs and shape transformation of AgNPrs for the determination of 6-mercaptopurine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120104.	3.9	6
10	Inhibition of CD73 using folate targeted nanoparticles carrying anti-CD73 siRNA potentiates anticancer efficacy of Dinaciclib. <i>Life Sciences</i> , 2020, 259, 118150.	4.3	22
11	Terbium-to-quantum dot Förster resonance energy transfer for homogeneous and sensitive detection of histone methyltransferase activity. <i>Nanoscale</i> , 2020, 12, 13719-13730.	5.6	7
12	S, N-doped carbon quantum dots enhanced Luminol-Mn(IV) chemiluminescence reaction for detection of uric acid in biological fluids. <i>Microchemical Journal</i> , 2020, 156, 104841.	4.5	23
13	A chemiluminescence reaction consisting of manganese(IV), sodium sulfite, and sulfur- and nitrogen-doped carbon quantum dots, and its application for the determination of oxytetracycline. <i>Mikrochimica Acta</i> , 2020, 187, 191.	5.0	22
14	In situ formation of Ag/Au nanorods as a platform to design a non-aggregation colorimetric assay for uric acid detection in biological fluids. <i>Microchemical Journal</i> , 2020, 154, 104642.	4.5	25
15	Energy transfer with nanoparticles for in vitro diagnostics. <i>Frontiers of Nanoscience</i> , 2020, 16, 25-65.	0.6	1
16	A sensitive homogeneous enzyme assay for euchromatic histone-lysine-N-methyltransferase 2 (G9a) based on terbium-to-quantum dot time-resolved FRET. <i>BioImpacts</i> , 2020, 11, 173-179.	1.5	1
17	A sensitive plasmonic probe based on <i>in situ</i> growth of a Ag shell on a Au@N-CD nanocomposite for detection of isoniazid in environmental and biological samples. <i>New Journal of Chemistry</i> , 2019, 43, 5980-5986.	2.8	9
18	A sensitive colorimetric probe for detection of 6-thioguanine based on its protective effect on the silver nanoprisms. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 210, 30-35.	3.9	11



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37	Chemiluminescence of graphene quantum dots and its application to the determination of uric acid. Journal of Luminescence, 2014, 153, 73-78.	3.1	95
38	Direct chemiluminescence of carbon dots induced by potassium ferricyanide and its analytical application. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 122, 715-720.	3.9	46
39	Preconcentration of trace cadmium and manganese using 1-(2-pyridylazo)-2-naphthol-modified TiO <sub>2</sub> nanoparticles and their determination by flame atomic absorption spectrometry. International Journal of Environmental Analytical Chemistry, 2009, 89, 749-758.	3.3	32