

# Tian Lan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1706311/publications.pdf>

Version: 2024-02-01

12  
papers

1,115  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1557  
citing authors

#	ARTICLE	IF	CITATIONS
1	A DNAzyme-Gold Nanoparticle Probe for Uranyl Ion in Living Cells. <i>Journal of the American Chemical Society</i> , 2013, 135, 5254-5257.	13.7	376
2	A highly selective lead sensor based on a classic lead DNAzyme. <i>Chemical Communications</i> , 2010, 46, 3896.	4.1	246
3	Portable Detection of Melamine in Milk Using a Personal Glucose Meter Based on an <i>in Vitro</i> Selected Structure-Switching Aptamer. <i>Analytical Chemistry</i> , 2015, 87, 7676-7682.	6.5	130
4	DNA-AuNPs based signal amplification for highly sensitive detection of DNA methylation, methyltransferase activity and inhibitor screening. <i>Biosensors and Bioelectronics</i> , 2014, 58, 40-47.	10.1	82
5	Transforming the blood glucose meter into a general healthcare meter for in vitro diagnostics in mobile health. <i>Biotechnology Advances</i> , 2016, 34, 331-341.	11.7	81
6	Translating <i>in Vitro</i> diagnostics from centralized laboratories to point-of-care locations using commercially-available handheld meters. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115782.	11.4	52
7	Metal Ion-Dependent DNAzymes and Their Applications as Biosensors. <i>Metal Ions in Life Sciences</i> , 2012, 10, 217-248.	2.8	47
8	Molecular Engineering of Functional Nucleic Acid Nanomaterials toward In Vivo Applications. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801158.	7.6	45
9	Using the Widely Available Blood Glucose Meter to Monitor Insulin and HbA1c. <i>Journal of Diabetes Science and Technology</i> , 2014, 8, 855-858.	2.2	26
10	Detection of Protein Biomarker Using a Blood Glucose Meter. <i>Methods in Molecular Biology</i> , 2015, 1256, 99-109.	0.9	13
11	Overcoming Major Barriers to Developing Successful Sensors for Practical Applications Using Functional Nucleic Acids. <i>Annual Review of Analytical Chemistry</i> , 2022, 15, 151-171.	5.4	9
12	Installing CRISPR-Cas12a sensors in a portable glucose meter for point-of-care detection of analytes. <i>Analyst</i> , 2021, 146, 3114-3120.	3.5	8