# Tian Lan

List of Publications by Year
in descending order



| 12 | 1,115 | 933447 10 | 1199594 12 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 12 | 12 | 12 | 1557 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

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