

# Yu-Qi Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5093557/publications.pdf>

Version: 2024-02-01

24  
papers

1,350  
citations

516710

16  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1885  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | The roles of microRNAs in epigenetic regulation. <i>Current Opinion in Chemical Biology</i> , 2019, 51, 11-17.   | 6.1  | 305       |
| 2  | DNAzyme-Loaded Metal-Organic Frameworks (MOFs) for Self-Sufficient Gene Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7380-7384.   | 13.8 | 291       |
| 3  | Epigenetic modification of nucleic acids: from basic studies to medical applications. <i>Chemical Society Reviews</i> , 2017, 46, 2844-2872.   | 38.1 | 155       |
| 4  | A highly conserved G-rich consensus sequence in hepatitis C virus core gene represents a new anti-hepatitis C target. <i>Science Advances</i> , 2016, 2, e1501535.   | 10.3 | 112       |
| 5  | Amplified MicroRNA Detection and Intracellular Imaging Based on an Autonomous and Catalytic Assembly of DNAzyme. <i>ACS Sensors</i> , 2019, 4, 110-117.  | 7.8  | 88        |
| 6  | DNAzyme-Loaded Metal-Organic Frameworks (MOFs) for Self-Sufficient Gene Therapy. <i>Angewandte Chemie</i> , 2019, 131, 7458-7462.  | 2.0  | 63        |
| 7  | A DNA logic gate based on strand displacement reaction and rolling circle amplification, responding to multiple low-abundance DNA fragment input signals, and its application in detecting miRNAs. <i>Chemical Communications</i> , 2015, 51, 6980-6983. | 4.1  | 45        |
| 8  | Enrichment and fluorogenic labelling of 5-formyluracil in DNA. <i>Chemical Science</i> , 2017, 8, 4505-4510.   | 7.4  | 36        |
| 9  | Programmable DNA-responsive microchip for the capture and release of circulating tumor cells by nucleic acid hybridization. <i>Nano Research</i> , 2018, 11, 2592-2604.  | 10.4 | 34        |
| 10 | A highly efficient fluorescence-based switch-on detection method of 5-formyluracil in DNA. <i>Nano Research</i> , 2017, 10, 2449-2458.   | 10.4 | 27        |
| 11 | Nonlinear optical dye TSQ1 as an efficiently selective fluorescent probe for G-quadruplex DNA. <i>Organic Chemistry Frontiers</i> , 2014, 1, 267.  | 4.5  | 20        |
| 12 | A two-photon fluorescent probe for selective methylglyoxal detection and application in living cells. <i>Analytical Methods</i> , 2015, 7, 2386-2390.  | 2.7  | 20        |
| 13 | Multifunctional Hypoxia-Involved Gene Silencing Nanoplatfom for Sensitizing Photochemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 34588-34598.  | 8.0  | 20        |
| 14 | A novel aggregation-induced emission fluorescent probe for nucleic acid detection and its applications in cell imaging. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 1654-1656.   | 2.2  | 19        |
| 15 | Selective Labeling Aldehydes in DNA. <i>Analytical Chemistry</i> , 2018, 90, 14616-14621.  | 6.5  | 19        |
| 16 | Fluorescent turn-on probes for the detection of fluoride ions in organic solvent and in cells. <i>Analytical Methods</i> , 2016, 8, 245-248.   | 2.7  | 16        |
| 17 | Acrylonitrile-Mediated Nascent RNA Sequencing for Transcriptome-Wide Profiling of Cellular RNA Dynamics. <i>Advanced Science</i> , 2020, 7, 1900997.   | 11.2 | 15        |
| 18 | A rapidly photo-activatable light-up fluorescent nucleoside and its application in DNA base variation sensing. <i>Chemical Communications</i> , 2016, 52, 8545-8548.   | 4.1  | 14        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | B-RCA revealed circulating miR-33a/b associates with serum cholesterol in type 2 diabetes patients at high risk of ASCVD. <i>Diabetes Research and Clinical Practice</i> , 2018, 140, 191-199. | 2.8  | 14        |
| 20 | pH-controlled DNAzymes: Rational design and their applications in DNA-machinery devices. <i>Nano Research</i> , 2016, 9, 3084-3092.  | 10.4 | 11        |
| 21 | Discrimination between 5-hydroxymethylcytosine and 5-methylcytosine in DNA by selective chemical labeling. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 294-297.              | 2.2  | 10        |
| 22 | Simultaneous and Sensitive Detection of Multisite 5-Methylcytosine Including Non-CpG Sites at Single-5mC-Resolution. <i>Analytical Chemistry</i> , 2016, 88, 10547-10551.                      | 6.5  | 10        |
| 23 | Regulation of DNA strand displacement using a G-quadruplex-mediated toehold. <i>RSC Advances</i> , 2014, 4, 55367-55370.   | 3.6  | 3         |
| 24 | Efficient Self-Assembled DNA Nanoparticles through Rolling Circle Amplification for siRNA Delivery in v itro. <i>Chinese Journal of Chemistry</i> , 2019, 37, 588-592.                         | 4.9  | 3         |