

Yu-Qi Chen

List of Publications by Year in descending order

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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	Acrylonitrile-Mediated Nascent RNA Sequencing for Transcriptome-Wide Profiling of Cellular RNA Dynamics. <i>Advanced Science</i> , 2020, 7, 1900997.	11.2	15
2	Multifunctional Hypoxia-Involved Gene Silencing Nanoplatform for Sensitizing Photochemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 34588-34598.	8.0	20
3	DNAzyme-Loaded Metal-Organic Frameworks (MOFs) for Self-Sufficient Gene Therapy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7380-7384.	13.8	291
4	Efficient Self-Assembled DNA Nanoparticles through Rolling Circle Amplification for siRNA Delivery in vitro. <i>Chinese Journal of Chemistry</i> , 2019, 37, 588-592.	4.9	3
5	DNAzyme-Loaded Metal-Organic Frameworks (MOFs) for Self-Sufficient Gene Therapy. <i>Angewandte Chemie</i> , 2019, 131, 7458-7462.	2.0	63
6	The roles of microRNAs in epigenetic regulation. <i>Current Opinion in Chemical Biology</i> , 2019, 51, 11-17.	6.1	305
7	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
8	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
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	Selective Labeling Aldehydes in DNA. <i>Analytical Chemistry</i> , 2018, 90, 14616-14621.	6.5	19
11	Enrichment and fluorogenic labelling of 5-formyluracil in DNA. <i>Chemical Science</i> , 2017, 8, 4505-4510.	7.4	36
12	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
13	Epigenetic modification of nucleic acids: from basic studies to medical applications. <i>Chemical Society Reviews</i> , 2017, 46, 2844-2872.	38.1	155
14	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
15	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
16	pH-controlled DNAzymes: Rational design and their applications in DNA-machinery devices. <i>Nano Research</i> , 2016, 9, 3084-3092.	10.4	11
17	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
18	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

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19	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
20	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
21	Regulation of DNA strand displacement using a G-quadruplex-mediated toehold. <i>RSC Advances</i> , 2014, 4, 55367-55370.	3.6	3
22	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
23	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
24	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