

Changil Ban

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,255
citations

687363

13
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

2008
citing authors

#	ARTICLE	IF	CITATIONS
1	Akkermansia muciniphila-derived extracellular vesicles influence gut permeability through the regulation of tight junctions. <i>Experimental and Molecular Medicine</i> , 2018, 50, e450-e450.	7.7	455
2	Aptamer-nanoparticle complexes as powerful diagnostic and therapeutic tools. <i>Experimental and Molecular Medicine</i> , 2016, 48, e230-e230.	7.7	146
3	Gut microbe-derived extracellular vesicles induce insulin resistance, thereby impairing glucose metabolism in skeletal muscle. <i>Scientific Reports</i> , 2015, 5, 15878.	3.3	140
4	Active Immunization with Extracellular Vesicles Derived from <i>Staphylococcus aureus</i> Effectively Protects against Staphylococcal Lung Infections, Mainly via Th1 Cell-Mediated Immunity. <i>PLoS ONE</i> , 2015, 10, e0136021.	2.5	108
5	A highly sensitive aptasensor towards <i>Plasmodium lactate dehydrogenase</i> for the diagnosis of malaria. <i>Biosensors and Bioelectronics</i> , 2012, 35, 291-296.	10.1	91
6	Aptasensor for multiplex detection of antibiotics based on FRET strategy combined with aptamer/graphene oxide complex. <i>Scientific Reports</i> , 2019, 9, 7659.	3.3	65
7	Translational control of phloem development by RNA G-quadruplex-JULGI determines plant sink strength. <i>Nature Plants</i> , 2018, 4, 376-390.	9.3	50
8	Detection of protein-DNA interaction with a DNA probe: distinction between single-strand and double-strand DNA-protein interaction. <i>Nucleic Acids Research</i> , 2004, 32, e110-e110.	14.5	39
9	Proteomic analysis of extracellular vesicles derived from <i>Propionibacterium acnes</i> . <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600040.	1.6	39
10	Overexpression of MicA induces production of OmpC-enriched outer membrane vesicles that protect against <i>Salmonella</i> challenge. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 991-996.	2.1	25
11	A systematic study on the discrepancy of fluorescence properties between in solutions and in cells: super-bright, environment-insensitive benzocoumarin dyes. <i>Chemical Communications</i> , 2020, 56, 10556-10559.	4.1	24
12	Comparative lipidomic profiling of the human commensal bacterium <i>Propionibacterium acnes</i> and its extracellular vesicles. <i>RSC Advances</i> , 2018, 8, 15241-15247.	3.6	17
13	Homogeneous fluorescent aptasensor for active tuberculosis diagnosis by direct quantification of circulating TB7.7 based on aptamer beacon with graphene oxide. <i>Sensors and Actuators B: Chemical</i> , 2020, 317, 128126.	7.8	14
14	A Rapid Colorimetric Sensor for Soluble Interleukin-2 Receptor Î±, Based on Aptamer-Adsorbed AuNP. <i>ChemBioChem</i> , 2019, 20, 2236-2240.	2.6	11
15	Direct Detection of Low Abundance Genes of Single Point Mutation. <i>Nano Letters</i> , 2021, 21, 9061-9068.	9.1	11
16	Structural insights into <i>Escherichia coli</i> polymyxin B resistance protein D with X-ray crystallography and small-angle X-ray scattering. <i>BMC Structural Biology</i> , 2014, 14, 24.	2.3	10
17	Fast Aptamer Generation Method Based on the Electrodynamic Microfluidic Channel and Evaluation of Aptamer Sensor Performance. <i>Analytical Chemistry</i> , 2021, 93, 1416-1422.	6.5	4
18	Aptamer-antibody hybrid ELONA that uses hybridization chain reaction to detect a urinary biomarker EN2 for bladder and prostate cancer. <i>Scientific Reports</i> , 2022, 12, .	3.3	4

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19	Crystallization and preliminary X-ray analysis of native and selenomethionyl polymyxin resistance protein D from <i>E. Coli</i> . <i>Macromolecular Research</i> , 2005, 13, 549-552.	2.4	2