

Weimin Gao

List of Publications by Year in descending order

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33
papers

991
citations

471509

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477307

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33
all docs

33
docs citations

33
times ranked

1772
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Helicobacter pylori</i> Immunoproteomic Profiles in Gastric Cancer. Journal of Proteome Research, 2021, 20, 409-419.	3.7	16
2	Identification of anti-Epstein-Barr virus (EBV) antibody signature in EBV-associated gastric carcinoma. Gastric Cancer, 2021, 24, 858-867.	5.3	23
3	Abstract 2370: Elevated levels of anti-Epstein Barr virus (EBV) antibodies in EBV-associated gastric carcinoma. , 2020, , .		0
4	Tu1294 - Helicobacter Pylori Immunoproteomic Profiles in Patients with Gastric Cancer. Gastroenterology, 2018, 154, S-926.	1.3	0
5	Platform for combined analysis of functional and biomolecular phenotypes of the same cell. Scientific Reports, 2017, 7, 44636.	3.3	4
6	Improved Performance of Loop-Mediated Isothermal Amplification Assays via Swarm Priming. Analytical Chemistry, 2017, 89, 625-632.	6.5	37
7	Identification of stable reference genes for lipopolysaccharide-stimulated macrophage gene expression studies. Biology Methods and Protocols, 2016, 1, bpw005.	2.2	7
8	Ratiometric fluorescent pH-sensitive polymers for high-throughput monitoring of extracellular pH. RSC Advances, 2016, 6, 46134-46142.	3.6	31
9	Transcriptional regulation by normal epithelium of premalignant to malignant progression in Barrett's esophagus. Scientific Reports, 2016, 6, 35227.	3.3	3
10	Abstract LB-027: Single-cell analysis of functional heterogeneity dynamics in premalignant progression revealed by combined interrogation of functional and transcriptional phenotypes. , 2016, , .		0
11	Comparative metagenomics reveals impact of contaminants on groundwater microbiomes. Frontiers in Microbiology, 2015, 6, 1205.	3.5	77
12	Parallel RNA extraction using magnetic beads and a droplet array. Lab on A Chip, 2015, 15, 1059-1065.	6.0	38
13	Measuring gene expression in single bacterial cells: recent advances in methods and micro-devices. Critical Reviews in Biotechnology, 2015, 35, 448-460.	9.0	14
14	Abstract 4033: Suppressive role of normal epithelium in pre-malignant to malignant progression of Barrett's esophagus. , 2015, , .		0
15	A Minimally Invasive Method for Retrieving Single Adherent Cells of Different Types from Cultures. Scientific Reports, 2014, 4, 5424.	3.3	10
16	A dual sensor for real-time monitoring of glucose and oxygen. Biomaterials, 2013, 34, 9779-9788.	11.4	31
17	Monitoring the Single-Cell Stress Response of the Diatom Thalassiosira pseudonana by Quantitative Real-Time Reverse Transcription-PCR. Applied and Environmental Microbiology, 2013, 79, 1850-1858.	3.1	23
18	Microbe observation and cultivation array (MOCA) for cultivating and analyzing environmental microbiota. Microbiome, 2013, 1, 4.	11.1	18

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19	Integrated Metagenomic and Metatranscriptomic Analyses of Microbial Communities in the Meso- and Bathypelagic Realm of North Pacific Ocean. <i>Marine Drugs</i> , 2013, 11, 3777-3801.	4.6	41
20	Fermentation and Hydrogen Metabolism Affect Uranium Reduction by Clostridia. <i>ISRN Biotechnology</i> , 2013, 2013, 1-11.	1.9	8
21	Optimization of whole-transcriptome amplification from low cell density deep-sea microbial samples for metatranscriptomic analysis. <i>Journal of Microbiological Methods</i> , 2011, 84, 88-93.	1.6	20
22	RT-qPCR based quantitative analysis of gene expression in single bacterial cells. <i>Journal of Microbiological Methods</i> , 2011, 85, 221-227.	1.6	61
23	Triazacryptand-based fluorescent sensors for extracellular and intracellular K ⁺ sensing. <i>Biomaterials</i> , 2011, 32, 8574-8583.	11.4	54
24	Quantitative single-cell gene expression measurements of multiple genes in response to hypoxia treatment. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 3-13.	3.7	11
25	Phylogenetic and Gene Expression Analysis of Cyanobacteria and Diatoms in the Twilight Waters of the Temperate Northeast Pacific Ocean. <i>Microbial Ecology</i> , 2011, 62, 765-775.	2.8	9
26	Influence of matrices on oxygen sensing of three sensing films with chemically conjugated platinum porphyrin probes and preliminary application for monitoring of oxygen consumption of <i>Escherichia coli</i> (<i>E. coli</i>). <i>Sensors and Actuators B: Chemical</i> , 2010, 150, 579-587.	7.8	48
27	Characterization of Co(III) EDTA-Reducing Bacteria in Metal- and Radionuclide-Contaminated Groundwater. <i>Geomicrobiology Journal</i> , 2010, 27, 93-100.	2.0	11
28	Reduction of Uranium(VI) to Uranium(IV) by Clostridia. <i>Applied and Environmental Microbiology</i> , 2008, 74, 4580-4584.	3.1	76
29	Metal Reduction and Iron Biomineralization by a Psychrotolerant Fe(III)-Reducing Bacterium, <i>Shewanella</i> sp. Strain PV-4. <i>Applied and Environmental Microbiology</i> , 2006, 72, 3236-3244.	3.1	132
30	Knock-out of SO1377 gene, which encodes the member of a conserved hypothetical bacterial protein family COG2268, results in alteration of iron metabolism, increased spontaneous mutation and hydrogen peroxide sensitivity in <i>Shewanella oneidensis</i> MR-1. <i>BMC Genomics</i> , 2006, 7, 76.	2.8	51
31	Effects of a strong static magnetic field on bacterium <i>Shewanella oneidensis</i> : An assessment by using whole genome microarray. <i>Bioelectromagnetics</i> , 2005, 26, 558-563.	1.6	48
32	Transcriptome Analysis of <i>Shewanella oneidensis</i> MR-1 in Response to Elevated Salt Conditions. <i>Journal of Bacteriology</i> , 2005, 187, 2501-2507.	2.2	74
33	A <i>Rhizobium</i> strain that nodulates and fixes nitrogen in association with alfalfa and soybean plants. <i>Microbiology (United Kingdom)</i> , 1995, 141, 1957-1962.	1.8	15