

Juan Liao

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

680
citations

687335

13
h-index

552766

26
g-index

33
all docs

33
docs citations

33
times ranked

1194
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosome-shuttling microRNA-21 promotes cell migration and invasion-targeting PDCD4 in esophageal cancer. <i>International Journal of Oncology</i> , 2016, 48, 2567-2579.	3.3	125
2	Expression Profiling of Exosomal miRNAs Derived from Human Esophageal Cancer Cells by Solexa High-Throughput Sequencing. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15530-15551.	4.1	74
3	Leptin correlates with monocytes activation and severe condition in COVID-19 patients. <i>Journal of Leukocyte Biology</i> , 2021, 110, 9-20.	3.3	63
4	miRNA-183 Suppresses Apoptosis and Promotes Proliferation in Esophageal Cancer by Targeting PDCD4. <i>Molecules and Cells</i> , 2014, 37, 873-880.	2.6	56
5	lncRNA UCA1 inhibits esophageal squamous-cell carcinoma growth by regulating the Wnt signaling pathway. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 407-418.	2.3	50
6	miR-93-5p Transferred by Exosomes Promotes the Proliferation of Esophageal Cancer Cells via Intercellular Communication by Targeting PTEN. <i>Biomedical and Environmental Sciences</i> , 2018, 31, 171-185.	0.2	47
7	Possible tumor suppressive role of the miR-144/451 cluster in esophageal carcinoma as determined by principal component regression analysis. <i>Molecular Medicine Reports</i> , 2016, 14, 3805-3813.	2.4	31
8	Reduced amount of olfactory receptor neurons in the rat model of depression. <i>Neuroscience Letters</i> , 2015, 603, 48-54.	2.1	30
9	Homogeneous noncompetitive assay of protein via Förster-resonance-energy-transfer with tryptophan residue(s) as intrinsic donor(s) and fluorescent ligand as acceptor. <i>Biosensors and Bioelectronics</i> , 2009, 25, 112-117.	10.1	27
10	Spectrophotometric-Dual-Enzyme-Simultaneous Assay in One Reaction Solution: Chemometrics and Experimental Models. <i>Analytical Chemistry</i> , 2013, 85, 2143-2154.	6.5	19
11	Optimization of pH values to formulate the bireagent kit for serum uric acid assay. <i>Biotechnology and Applied Biochemistry</i> , 2015, 62, 137-144.	3.1	18
12	Epigenetic Repression of miR-218 Promotes Esophageal Carcinogenesis by Targeting ROBO1. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27781-27795.	4.1	16
13	Comparison of activity indexes for recognizing enzyme mutants of higher activity with uricase as model. <i>Chemistry Central Journal</i> , 2013, 7, 69.	2.6	15
14	Cohort study of chest CT and clinical changes in 29 patients with coronavirus disease 2019 (COVID-19). <i>European Radiology</i> , 2020, 30, 6213-6220.	4.5	12
15	Prognostic value of cerebral infarction coefficient in patients with massive cerebral infarction. <i>Clinical Neurology and Neurosurgery</i> , 2020, 196, 106009.	1.4	10
16	Comparison of Förster-Resonance-Energy-Transfer Acceptors for Tryptophan and Tyrosine Residues in Native Proteins as Donors. <i>Journal of Fluorescence</i> , 2013, 23, 147-157.	2.5	9
17	Early risk assessment of circulating endothelial progenitor cells and plasma stromal cell-derived factor-1 for nondisabling ischemic cerebrovascular events. <i>BMC Neurology</i> , 2019, 19, 22.	1.8	9
18	Soluble Expression in <i>Escherichia coli</i> of Active Human Cyclic Nucleotide Phosphodiesterase Isoform 4B2 in Fusion with Maltose-Binding Protein. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 968-970.	1.3	8

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19	Comparison of modification of a bacterial uricase with <i>N</i> -hydroxysuccinimide esters of succinate and carbonate of monomethoxyl poly(ethylene glycol). <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 683-690.	3.1	8
20	A Practical System for High-Throughput Screening of Mutants of <i>Bacillus fastidiosus</i> Uricase. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 667-681.	2.9	7
21	Estimation of affinities of ligands in mixtures via magnetic recovery of target-ligand complexes and chromatographic analyses: chemometrics and an experimental model. <i>BMC Biotechnology</i> , 2011, 11, 44.	3.3	6
22	Chromogenic substrate from 4-nitro-1-naphthol for hydrolytic enzyme of neutral or slightly acidic optimum pH: 4-Nitro-1-naphthyl- β -D-galactopyranoside as an example. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 646-649.	2.2	6
23	Comparison of Candidate Pairs of Hydrolytic Enzymes for Spectrophotometric-dual-enzyme-simultaneous-assay. <i>Analytical Sciences</i> , 2015, 31, 421-427.	1.6	6
24	An integration strategy to measure enzyme activities for detecting irreversible inhibitors with dimethoate on butyrylcholinesterase as a model. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 431-439.	3.3	5
25	Method to screen aromatic ligands in mixtures for quantitative affinities to target using magnetic separation of bound ligands along with HPLC and UV photometry detection. <i>Mikrochimica Acta</i> , 2012, 176, 243-249.	5.0	5
26	A Numerical Approach for Kinetic Analysis of the Nonexponential Thermoinactivation Process of Uricase. <i>Protein Journal</i> , 2016, 35, 318-329.	1.6	5
27	Ampholytic ion-exchange materials coated with small zwitterions for high-efficacy purification of ionizable soluble biomacromolecules. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 2234-2241.	7.5	5
28	Polyclonal Antibodies in Microplates to Predict the Maximum Adsorption Activities of Enzyme/Mutants from Cell Lysates. <i>Protein Journal</i> , 2017, 36, 212-219.	1.6	2
29	Data for ampholytic ion-exchange materials coated with small zwitterions for high-efficacy purification of ionizable soluble biomacromolecules. <i>Data in Brief</i> , 2018, 21, 709-720.	1.0	2
30	Different primers for diagnosing circulating cell-free DNA of colorectal cancer. <i>Translational Cancer Research</i> , 2020, 9, 3435-3442.	1.0	2
31	Multiwalled Carbon Nanotube-Graphene Nanosheet-Chitosan-1-Butyl-3-Methylimidazolium Hexafluorophosphate Nanocomposites and Gold Nanoparticle-Thionine for Electrochemical Detection of Cytomegalovirus Phosphoprotein. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 6726-6733.	0.9	1
32	Optimization of rhodamine 123 adsorbed onto graphene oxide for tracing therapeutics processes. <i>Spectroscopy Letters</i> , 2019, 52, 105-112.	1.0	1