

Samuel Chun-lap Lo

List of Publications by Year in descending order

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26
papers

527
citations

623574

14
h-index

677027

22
g-index

26
all docs

26
docs citations

26
times ranked

684
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of Trizol reagent (phenol/guanidine isothiocyanate) for producing high quality two-dimensional gel electrophoretograms (2-DE) of dinoflagellates. <i>Journal of Microbiological Methods</i> , 2008, 73, 26-32.	0.7	63
2	Use of two-dimensional gel electrophoresis to differentiate morphospecies of <i>Alexandrium minutum</i> , a paralytic shellfish poisoning toxin-producing dinoflagellate of harmful algal blooms. <i>Proteomics</i> , 2005, 5, 1580-1593.	1.3	45
3	Identification of the heterogeneous nuclear ribonucleoprotein A2/B1 as the antigen for the gastrointestinal cancer specific monoclonal antibody MG7. <i>Proteomics</i> , 2005, 5, 1160-1166.	1.3	44
4	Use of two-dimensional gel electrophoresis proteome reference maps of dinoflagellates for species recognition of causative agents of harmful algal blooms. <i>Proteomics</i> , 2004, 4, 180-192.	1.3	42
5	Sodium nitroprusside affects the level of photosynthetic enzymes and glucose metabolism in <i>Phaseolus aureus</i> (mung bean). <i>Nitric Oxide - Biology and Chemistry</i> , 2005, 12, 220-230.	1.2	41
6	Proteomic study of a model causative agent of harmful algal blooms, <i>Prorocentrum triestinum</i> II: The use of differentially expressed protein profiles under different growth phases and growth conditions for bloom prediction. <i>Proteomics</i> , 2004, 4, 3214-3226.	1.3	39
7	Chronic Exposure of Adult Rats to Low Doses of Methylmercury Induced a State of Metabolic Deficit in the Somatosensory Cortex. <i>Journal of Proteome Research</i> , 2013, 12, 5233-5245.	1.8	39
8	Discovery of diagnostic serum biomarkers of gastric cancer using proteomics. <i>Proteomics - Clinical Applications</i> , 2008, 2, 219-228.	0.8	30
9	Identification of Two Plastid Proteins in the Dinoflagellate <i>Alexandrium affine</i> That Are Substantially Down-Regulated by Nitrogen-Depletion. <i>Journal of Proteome Research</i> , 2009, 8, 5080-5092.	1.8	24
10	Rapid identification of dinoflagellates using protein profiling with matrix-assisted laser desorption/ionization mass spectrometry. <i>Harmful Algae</i> , 2008, 7, 551-559.	2.2	21
11	Identification of peptides released from hot water insoluble fraction of edible bird's nest under simulated gastro-intestinal conditions. <i>Food Research International</i> , 2016, 85, 19-25.	2.9	19
12	Analysis of Ling Zhi (<i>Ganoderma lucidum</i>) using dynamic reaction cell ICP-MS and ICP-AES. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 146-150.	1.6	17
13	Daily Changes in the Phosphoproteome of the Dinoflagellate <i>Lingulodinium</i> . <i>Protist</i> , 2012, 163, 746-754.	0.6	17
14	MALDI-TOF MS analysis of the extracellular polysaccharides released by the diatom <i>Thalassiosira pseudonana</i> under various nutrient conditions. <i>Journal of Applied Phycology</i> , 2015, 27, 673-684.	1.5	17
15	Detecting Nitrated Proteins by Proteomic Technologies. <i>Methods in Enzymology</i> , 2008, 440, 17-31.	0.4	14
16	Pain Controlling and Cytokine-Regulating Effects of Lyprinol, a Lipid Extract of <i>Perna canaliculus</i> , in a Rat Adjuvant-Induced Arthritis Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2009, 6, 239-245.	0.5	14
17	Authentication of the proteins expression profiles (PEPs) identification methodology in a bloom of <i>Karenia digitata</i> , the most damaging harmful algal bloom causative agent in the history of Hong Kong. <i>Harmful Algae</i> , 2011, 12, 1-10.	2.2	10
18	Production of Paralytic Shellfish Toxins (PSTs) in Toxic <i>Alexandrium catenella</i> is Intertwined with Photosynthesis and Energy Production. <i>Toxins</i> , 2020, 12, 477.	1.5	9

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19	“Two-in-one” gel for spot matching after two-dimensional electrophoresis. <i>Proteomics</i> , 2003, 3, 580-583.	1.3	7
20	Adaptive responses of 25-hydroxyvitamin D3 1-alpha hydroxylase expression to dietary phosphate restriction in young and adult rats. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2003, 1639, 34-42.	1.8	6
21	Comparative proteomic studies of a <i>Scrippsiella acuminata</i> bloom with its laboratory-grown culture using a 15N-metabolic labeling approach. <i>Harmful Algae</i> , 2017, 67, 26-35.	2.2	5
22	Chronic Methylmercury Exposure Induces Production of Prostaglandins: Evidence From A Population Study and A Rat Dosing Experiment. <i>Environmental Science & Technology</i> , 2019, 53, 7782-7791.	4.6	4
23	Microfluid as a mean for piezoresistive strain measurement — a mixture of glycerin with salt water. , 2008, , .		0
24	Finding Species-Specific Extracellular Surface-Facing Proteomes in Toxic Dinoflagellates. <i>Toxins</i> , 2021, 13, 624.	1.5	0
25	Cellular Protein/Peptide Expression Profiles (PEPs): an alternative approach for easy identification of cyanobacterial species. <i>Journal of Integrated OMICS</i> , 2013, 3, .	0.5	0
26	Rapidly Deployable Algae Cleaning System for Applications in Freshwater Reservoirs and Water Bodies. <i>Phycology</i> , 2022, 2, 60-75.	1.7	0