

# Samuel Chun-lap Lo

## List of Publications by Citations

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23  
papers

450  
citations

13  
h-index

21  
g-index

26  
ext. papers

499  
ext. citations

4.3  
avg, IF

3.27  
L-index

#	Paper	IF	Citations
23	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> , <b>2008</b> , 73, 26-32	2.8	57
22	Identification of the heterogeneous nuclear ribonucleoprotein A2/B1 as the antigen for the gastrointestinal cancer specific monoclonal antibody MG7. <i>Proteomics</i> , <b>2005</b> , 5, 1160-6	4.8	42
21	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> , <b>2005</b> , 5, 1580-93	4.8	41
20	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> , <b>2005</b> , 12, 220-30	5	36
19	Use of two-dimensional gel electrophoresis proteome reference maps of dinoflagellates for species recognition of causative agents of harmful algal blooms. <i>Proteomics</i> , <b>2004</b> , 4, 180-92	4.8	35
18	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> , <b>2013</b> , 12, 5233-45	5.6	34
17	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> , <b>2004</b> , 4, 3214-26	4.8	32
16	Discovery of diagnostic serum biomarkers of gastric cancer using proteomics. <i>Proteomics - Clinical Applications</i> , <b>2008</b> , 2, 219-28	3.1	26
15	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> , <b>2009</b> , 8, 5080-92	5.6	21
14	Rapid identification of dinoflagellates using protein profiling with matrix-assisted laser desorption/ionization mass spectrometry. <i>Harmful Algae</i> , <b>2008</b> , 7, 551-559	5.3	17
13	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> , <b>2015</b> , 27, 673-684	3.2	15
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> , <b>2003</b> , 18, 146-150	3.7	15
11	Detecting nitrated proteins by proteomic technologies. <i>Methods in Enzymology</i> , <b>2008</b> , 440, 17-31	1.7	14
10	Daily changes in the phosphoproteome of the dinoflagellate <i>Lingulodinium</i> . <i>Protist</i> , <b>2012</b> , 163, 746-54	2.5	13
9	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> , <b>2009</b> , 6, 239-45	2.3	12
8	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> , <b>2011</b> , 12, 1-10	5.3	9
7	Identification of peptides released from hot water insoluble fraction of edible bird's nest under simulated gastro-intestinal conditions. <i>Food Research International</i> , <b>2016</b> , 85, 19-25	7	8

- 6 "Two-in-one" gel for spot matching after two-dimensional electrophoresis. *Proteomics*, **2003**, 3, 580-3 4.8 6
- 5 Adaptive responses of 25-hydroxyvitamin D3 1-alpha hydroxylase expression to dietary phosphate restriction in young and adult rats. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2003**, 1639, 34-42 6.9 6
- 4 Chronic Methylmercury Exposure Induces Production of Prostaglandins: Evidence From A Population Study and A Rat Dosing Experiment. *Environmental Science & Technology*, **2019**, 53, 7782-7791 10.3 4
- 3 Comparative proteomic studies of a *Scrippsiella acuminata* bloom with its laboratory-grown culture using a N-metabolic labeling approach. *Harmful Algae*, **2017**, 67, 26-35 5.3 4
- 2 Production of Paralytic Shellfish Toxins (PSTs) in Toxic is Intertwined with Photosynthesis and Energy Production. *Toxins*, **2020**, 12, 4.9 3
- 1 Rapidly Deployable Algae Cleaning System for Applications in Freshwater Reservoirs and Water Bodies. *Phycology*, **2022**, 2, 60-75