

Juraj Lenco

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,111
citations

304602

22
h-index

414303

32
g-index

51
all docs

51
docs citations

51
times ranked

1647
citing authors

#	ARTICLE	IF	CITATIONS
1	The heat shock protein ClpB of <i>Francisella tularensis</i> is involved in stress tolerance and is required for multiplication in target organs of infected mice. <i>Molecular Microbiology</i> , 2008, 67, 1384-1401.	1.2	90
2	Influence of electron-withdrawing and electron-donating substituents on photophysical properties of azaphthalocyanines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 186, 316-322.	2.0	60
3	Comparative proteome analysis of cellular proteins extracted from highly virulent <i>Francisella tularensis</i> ssp. <i>tularensis</i> and less virulent <i>F. tularensis</i> ssp. <i>holarctica</i> and <i>F. tularensis</i> ssp. <i>mediaasiatica</i> . <i>Proteomics</i> , 2004, 4, 3048-3060.	1.3	57
4	Proteomic insights into chronic anthracycline cardiotoxicity. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 849-862.	0.9	57
5	Identification of immunoreactive antigens in membrane proteins enriched fraction from <i>Francisella tularensis</i> LVS. <i>Immunology Letters</i> , 2007, 108, 151-159.	1.1	56
6	Proteomics analysis of the <i>Francisella tularensis</i> LVS response to iron restriction: induction of the <i>F. tularensis</i> pathogenicity island proteins IglABC. <i>FEMS Microbiology Letters</i> , 2007, 269, 11-21.	0.7	48
7	Proteomic Biomarkers for Spontaneous. <i>Reproductive Sciences</i> , 2014, 21, 283-295.	1.1	45
8	Insights into the oxidative stress response in <i>Francisella tularensis</i> LVS and its mutant Δ <i>ig</i> C1 + 2 by proteomics analysis. <i>FEMS Microbiology Letters</i> , 2005, 246, 47-54.	0.7	44
9	CysTRAQ – A combination of iTRAQ and enrichment of cysteinyl peptides for uncovering and quantifying hidden proteomes. <i>Journal of Proteomics</i> , 2012, 75, 857-867.	1.2	40
10	Molecular Remodeling of Left and Right Ventricular Myocardium in Chronic Anthracycline Cardiotoxicity and Post-Treatment Follow Up. <i>PLoS ONE</i> , 2014, 9, e96055.	1.1	38
11	Role of Steric Hindrance in the Newman-Kwart Rearrangement and in the Synthesis and Photophysical Properties of Arylsulfanyl Tetrapyrazinoporphyrazines. <i>Journal of Organic Chemistry</i> , 2014, 79, 2082-2093.	1.7	37
12	Comparative proteomic profiling of culture filtrate proteins of less and highly virulent <i>Francisella tularensis</i> strains. <i>Proteomics</i> , 2010, 10, 4501-4511.	1.3	36
13	Conventional-Flow Liquid Chromatography–Mass Spectrometry for Exploratory Bottom-Up Proteomic Analyses. <i>Analytical Chemistry</i> , 2018, 90, 5381-5389.	3.2	36
14	iTRAQ quantitative analysis of <i>Francisella tularensis</i> ssp. <i>holarctica</i> live vaccine strain and <i>Francisella tularensis</i> ssp. <i>tularensis</i> SCHU S4 response to different temperatures and stationary phases of growth. <i>Proteomics</i> , 2009, 9, 2875-2882.	1.3	35
15	Amniotic Fluid Cathelicidin in PPRM Pregnancies: From Proteomic Discovery to Assessing Its Potential in Inflammatory Complications Diagnosis. <i>PLoS ONE</i> , 2012, 7, e41164.	1.1	35
16	Dissolving Peptides in 0.1% Formic Acid Brings Risk of Artificial Formylation. <i>Journal of Proteome Research</i> , 2020, 19, 993-999.	1.8	32
17	<i>Francisella tularensis</i> live vaccine strain: Proteomic analysis of membrane proteins enriched fraction. <i>Proteomics</i> , 2005, 5, 2460-2467.	1.3	29
18	Cationic Versus Anionic Phthalocyanines for Photodynamic Therapy: What a Difference the Charge Makes. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7616-7632.	2.9	27

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19	Structural factors influencing the intramolecular charge transfer and photoinduced electron transfer in tetrapyrazinoporphyrazines. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 5440.	1.3	26
20	Scalable Synthesis of Human Ultralong Chain Ceramides. <i>Organic Letters</i> , 2015, 17, 5456-5459.	2.4	26
21	Synthesis, Separation and UV/Vis Spectroscopy of Pyrazinoquinoxalino porphyrazine Macrocycles. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4535-4542.	1.2	24
22	<i>Coxiella burnetii</i> Whole Cell Lysate Protein Identification by Mass Spectrometry and Tandem Mass Spectrometry. <i>Annals of the New York Academy of Sciences</i> , 2005, 1063, 115-122.	1.8	22
23	Proteome Alterations in Gamma-Irradiated Human T-Lymphocyte Leukemia Cells. <i>Radiation Research</i> , 2005, 163, 307-315.	0.7	21
24	Transgelin is upregulated in stromal cells of lymph node positive breast cancer. <i>Journal of Proteomics</i> , 2016, 132, 103-111.	1.2	19
25	Targeted proteomics driven verification of biomarker candidates associated with breast cancer aggressiveness. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 488-498.	1.1	19
26	HU protein is involved in intracellular growth and full virulence of <i>Francisella tularensis</i> . <i>Virulence</i> , 2018, 9, 754-770.	1.8	19
27	Microbial invasion and histological chorioamnionitis upregulate neutrophil-gelatinase associated lipocalin in preterm prelabor rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 12-21.	0.7	14
28	Proteomic investigation of embryonic rat heart-derived H9c2 cell line sheds new light on the molecular phenotype of the popular cell model. <i>Experimental Cell Research</i> , 2015, 339, 174-186.	1.2	13
29	Detection of novel auto-antigens in patients with recurrent miscarriage: description of an approach and preliminary findings. <i>Croatian Medical Journal</i> , 2014, 55, 259-264.	0.2	10
30	Evaluation of strategies for overcoming trifluoroacetic acid ionization suppression resulted in single-column intact level, middle-up, and bottom-up reversed-phase LC-MS analyses of antibody biopharmaceuticals. <i>Talanta</i> , 2021, 233, 122512.	2.9	10
31	S-Nitrosoglutathione covalently modifies cysteine residues of human carbonyl reductase 1 and affects its activity. <i>Chemico-Biological Interactions</i> , 2013, 202, 136-145.	1.7	9
32	Potential Peripartum Markers of Infectious-Inflammatory Complications in Spontaneous Preterm Birth. <i>BioMed Research International</i> , 2015, 2015, 1-13.	0.9	9
33	Syntheses of octasubstituted zinc azaphthalocyanines with thiophene or thiophene combined with sulfanyl, amino or imido substituents: Influence of the substituents on photochemical and photophysical properties. <i>Polyhedron</i> , 2008, 27, 1368-1374.	1.0	8
34	Plasma concentration of fibronectin is decreased in patients with hypertrophic cardiomyopathy. <i>Clinica Chimica Acta</i> , 2016, 463, 62-66.	0.5	8
35	Sense and Nonsense of Elevated Column Temperature in Proteomic Bottom-up LC-MS Analyses. <i>Journal of Proteome Research</i> , 2021, 20, 420-432.	1.8	8
36	Plasma glycogen phosphorylase BB is associated with pulmonary artery wedge pressure and left ventricle mass index in patients with hypertrophic cardiomyopathy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010, 48, 1193-1195.	1.4	7

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37	Changes in proteome of the <i>Δ</i> strain derived from <i>Francisella tularensis</i> LVS correspond with its attenuated phenotype. <i>Proteomics</i> , 2014, 14, 2400-2409.	1.3	6
38	Comprehensive proteomic investigation of infectious and inflammatory changes in late preterm prelabour rupture of membranes. <i>Scientific Reports</i> , 2020, 10, 17696.	1.6	6
39	Proteomic Analysis of Early Mid-Trimester Amniotic Fluid Does Not Predict Spontaneous Preterm Delivery. <i>PLoS ONE</i> , 2016, 11, e0155164.	1.1	6
40	Amniotic fluid myeloperoxidase in pregnancies complicated by preterm prelabour rupture of membranes. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2013, 26, 463-468.	0.7	5
41	Amniotic fluid concentrations of soluble scavenger receptor for hemoglobin (sCD163) in pregnancy complicated by preterm premature rupture of the membranes and histologic chorioamnionitis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 995-1001.	0.7	4
42	MS/MS library facilitated MRM quantification of native peptides prepared by denaturing ultrafiltration. <i>Proteome Science</i> , 2012, 10, 7.	0.7	4
43	Carbonyl-reducing enzymes as targets of a drug-immobilised affinity carrier. <i>Chemico-Biological Interactions</i> , 2015, 234, 169-177.	1.7	2
44	Mid-trimester amniotic fluid proteome's association with spontaneous preterm delivery and gestational duration. <i>PLoS ONE</i> , 2020, 15, e0232553.	1.1	2
45	<i>Francisella Tularensis</i> . , 2004, , 285-313.		1
46	Using proteomics to identify host cell interaction partners for VgrG and IgIj. <i>Scientific Reports</i> , 2020, 10, 14612.	1.6	1
47	Targeted Proteomics Driven Verification of Biomarker Candidates Associated with Breast Cancer Aggressiveness. <i>Methods in Molecular Biology</i> , 2017, 1788, 177-184.	0.4	0