

Dario Di Silvestre

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,430
citations

218677

26
h-index

223800

46
g-index

73
all docs

73
docs citations

73
times ranked

4179
citing authors

#	ARTICLE	IF	CITATIONS
1	The Proteomic Landscape of Human Ex Vivo Regulatory and Conventional T Cells Reveals Specific Metabolic Requirements. <i>Immunity</i> , 2016, 44, 406-421.	14.3	201
2	Cardioprotection by cardiac progenitor cell-secreted exosomes: role of pregnancy-associated plasma protein-A. <i>Cardiovascular Research</i> , 2018, 114, 992-1005.	3.8	178
3	Reliable typing of systemic amyloidoses through proteomic analysis of subcutaneous adipose tissue. <i>Blood</i> , 2012, 119, 1844-1847.	1.4	155
4	Pilot Production of Mesenchymal Stem/Stromal Freeze-Dried Secretome for Cell-Free Regenerative Nanomedicine: A Validated GMP-Compliant Process. <i>Cells</i> , 2018, 7, 190.	4.1	108
5	MTGO: PPI Network Analysis Via Topological and Functional Module Identification. <i>Scientific Reports</i> , 2018, 8, 5499.	3.3	103
6	Neuromelanin organelles are specialized autolysosomes that accumulate undegraded proteins and lipids in aging human brain and are likely involved in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2018, 4, 17.	5.3	101
7	Proteomics of bronchial biopsies: Galectin-3 as a predictive biomarker of airway remodelling modulation in omalizumab-treated severe asthma patients. <i>Immunology Letters</i> , 2014, 162, 2-10.	2.5	95
8	Intravenous administration of cardiac progenitor cell-derived exosomes protects against doxorubicin/trastuzumab-induced cardiac toxicity. <i>Cardiovascular Research</i> , 2020, 116, 383-392.	3.8	91
9	From protein-protein interactions to protein co-expression networks: a new perspective to evaluate large-scale proteomic data. <i>Eurasip Journal on Bioinformatics and Systems Biology</i> , 2017, 2017, 6.	1.4	81
10	Molybdenum and iron mutually impact their homeostasis in cucumber (<i>Cucumis sativus</i>) plants. <i>New Phytologist</i> , 2017, 213, 1222-1241.	7.3	65
11	Biological and Molecular Characterization of <i>Chenopodium quinoa</i> Mitovirus 1 Reveals a Distinct Small RNA Response Compared to Those of Cytoplasmic RNA Viruses. <i>Journal of Virology</i> , 2019, 93, .	3.4	63
12	Placental stem cells pre-treated with a hyaluronan mixed ester of butyric and retinoic acid to cure infarcted pig hearts: a multimodal study. <i>Cardiovascular Research</i> , 2011, 90, 546-556.	3.8	59
13	The Circulating Level of FABP3 Is an Indirect Biomarker of MicroRNA-1. <i>Journal of the American College of Cardiology</i> , 2013, 61, 88-95.	2.8	56
14	Galectin-3: an early predictive biomarker of modulation of airway remodeling in patients with severe asthma treated with omalizumab for 36 months. <i>Clinical and Translational Allergy</i> , 2017, 7, 6.	3.2	55
15	Circulating extracellular vesicles as non-invasive biomarker of rejection in heart transplant. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 1136-1148.	0.6	54
16	Lentiviral gene therapy corrects platelet phenotype and function in patients with Wiskott-Aldrich syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 825-838.	2.9	50
17	Adipose Mesenchymal Extracellular Vesicles as Alpha-1-Antitrypsin Physiological Delivery Systems for Lung Regeneration. <i>Cells</i> , 2019, 8, 965.	4.1	48
18	Shotgun Protein Profile of Human Adipose Tissue and Its Changes in Relation to Systemic Amyloidoses. <i>Journal of Proteome Research</i> , 2013, 12, 5642-5655.	3.7	45

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19	Immune profiling of plasma-derived extracellular vesicles identifies Parkinson disease. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	6.0	45
20	Regional mapping of myocardial hibernation phenotype in idiopathic end-stage dilated cardiomyopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 396-414.	3.6	42
21	Signals of pseudo-starvation unveil the amino acid transporter SLC7A11 as key determinant in the control of Treg cell proliferative potential. <i>Immunity</i> , 2021, 54, 1543-1560.e6.	14.3	42
22	A novel approach for the purification and proteomic analysis of pathogenic immunoglobulin free light chains from serum. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 409-419.	2.3	39
23	Dissecting Escherichia coli Outer Membrane Biogenesis Using Differential Proteomics. <i>PLoS ONE</i> , 2014, 9, e100941.	2.5	36
24	Caloric Restriction Promotes Immunometabolic Reprogramming Leading to Protection from Tuberculosis. <i>Cell Metabolism</i> , 2021, 33, 300-318.e12.	16.2	35
25	GMP-compliant sponge-like dressing containing MSC lyo-secretome: Proteomic network of healing in a murine wound model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 155, 37-48.	4.3	34
26	Proteomic analysis of <i>Mesembryanthemum crystallinum</i> leaf microsomal fractions finds an imbalance in V-ATPase stoichiometry during the salt-induced transition from C3 to CAM. <i>Biochemical Journal</i> , 2013, 450, 407-415.	3.7	28
27	Autonomous role of Wiskott-Aldrich syndrome platelet deficiency in inducing autoimmunity and inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1272-1284.	2.9	28
28	SARS-CoV-2 Infection Remodels the Phenotype and Promotes Angiogenesis of Primary Human Lung Endothelial Cells. <i>Microorganisms</i> , 2021, 9, 1438.	3.6	26
29	Urinary Proteomics Profiles Are Useful for Detection of Cancer Biomarkers and Changes Induced by Therapeutic Procedures. <i>Molecules</i> , 2019, 24, 794.	3.8	25
30	Plasma circulating miR-23~27~24 clusters correlate with the immunometabolic derangement and predict C-peptide loss in children with type 1 diabetes. <i>Diabetologia</i> , 2020, 63, 2699-2712.	6.3	25
31	Blood Co-Circulating Extracellular microRNAs and Immune Cell Subsets Associate with Type 1 Diabetes Severity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 477.	4.1	25
32	Single-Tear Proteomics: A Feasible Approach to Precision Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10750.	4.1	25
33	Proteome Investigation of Rat Lungs subjected to Ex Vivo Perfusion (EVLV). <i>Molecules</i> , 2018, 23, 3061.	3.8	20
34	Plasma exosomes characterization reveals a perioperative protein signature in older patients undergoing different types of on-pump cardiac surgery. <i>GeroScience</i> , 2021, 43, 773-789.	4.6	20
35	An exosomal-carried short periostin isoform induces cardiomyocyte proliferation. <i>Theranostics</i> , 2021, 11, 5634-5649.	10.0	19
36	Large Scale Proteomic Data and Network-Based Systems Biology Approaches to Explore the Plant World. <i>Proteomes</i> , 2018, 6, 27.	3.5	18

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37	Plasma Galectin-3 and urine proteomics predict FEV1 improvement in omalizumab-treated patients with severe allergic asthma: Results from the PROXIMA sub-study. <i>World Allergy Organization Journal</i> , 2020, 13, 100095.	3.5	16
38	MudPIT analysis of released proteins in <i>Pseudomonas aeruginosa</i> laboratory and clinical strains in relation to pro-inflammatory effects. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 270-279.	1.3	15
39	PTX3 Predicts Myocardial Damage and Fibrosis in Duchenne Muscular Dystrophy. <i>Frontiers in Physiology</i> , 2020, 11, 403.	2.8	15
40	Analysis of <i>Pseudomonas aeruginosa</i> Cell Envelope Proteome by Capture of Surface-Exposed Proteins on Activated Magnetic Nanoparticles. <i>PLoS ONE</i> , 2012, 7, e51062.	2.5	14
41	Availability of MudPIT data for classification of biological samples. <i>Journal of Clinical Bioinformatics</i> , 2013, 3, 1.	1.2	14
42	The Landscape of <i>Pseudomonas aeruginosa</i> Membrane-Associated Proteins. <i>Cells</i> , 2020, 9, 2421.	4.1	14
43	Network Topological Analysis for the Identification of Novel Hubs in Plant Nutrition. <i>Frontiers in Plant Science</i> , 2021, 12, 629013.	3.6	14
44	Characterization of Circulating Extracellular Vesicle Surface Antigens in Patients With Primary Aldosteronism. <i>Hypertension</i> , 2021, 78, 726-737.	2.7	14
45	New approach for rapid detection of known hemoglobin variants using LC-MS/MS combined with a peptide database. <i>Journal of Mass Spectrometry</i> , 2007, 42, 288-292.	1.6	12
46	Multidimensional Protein Identification Technology for Direct-Tissue Proteomics of Heart. <i>Methods in Molecular Biology</i> , 2013, 1005, 25-38.	0.9	11
47	Equine Mesenchymal Stem/Stromal Cells Freeze-Dried Secretome (Lyosecretome) for the Treatment of Musculoskeletal Diseases: Production Process Validation and Batch Release Test for Clinical Use. <i>Pharmaceuticals</i> , 2021, 14, 553.	3.8	11
48	Azithromycin Attenuates <i>Pseudomonas</i> -Induced Lung Inflammation by Targeting Bacterial Proteins Secreted in the Cultured Medium. <i>Frontiers in Immunology</i> , 2016, 7, 499.	4.8	10
49	Proteomics-based network analysis characterizes biological processes and pathways activated by preconditioned mesenchymal stem cells in cardiac repair mechanisms. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1190-1199.	2.4	9
50	Formate dehydrogenase takes part in molybdenum and iron homeostasis and affects dark-induced senescence in plants. <i>Journal of Plant Interactions</i> , 2020, 15, 386-397.	2.1	9
51	Changes in tissue proteome associated with ATTR amyloidosis: insights into pathogenesis. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2012, 19, 11-13.	3.0	8
52	Thymic Epithelial Cell Alterations and Defective Thymopoiesis Lead to Central and Peripheral Tolerance Perturbation in MHCII Deficiency. <i>Frontiers in Immunology</i> , 2021, 12, 669943.	4.8	8
53	Presence of a Mitovirus Is Associated with Alteration of the Mitochondrial Proteome, as Revealed by Protein-Protein Interaction (PPI) and Co-Expression Network Models in <i>Chenopodium quinoa</i> Plants. <i>Biology</i> , 2022, 11, 95.	2.8	8
54	Fractionation Techniques Improve the Proteomic Analysis of Human Serum. <i>Current Pharmaceutical Analysis</i> , 2008, 4, 69-77.	0.6	7

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55	Differential liquid phase proteomic analysis of the effect of selenium supplementation in LNCaP cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 865, 63-73.	2.3	5
56	Clinical Amyloid Typing by Proteomics: Performance Evaluation and Data Sharing between Two Centres. <i>Molecules</i> , 2021, 26, 1913.	3.8	5
57	Automated Extraction of Proteotypic Peptides by Shotgun Proteomic Experiments: A New Computational Tool and Two Actual Cases. <i>Current Biotechnology</i> , 2015, 4, 39-45.	0.4	4
58	Integrated Strategies for a Holistic View of Extracellular Vesicles. <i>ACS Omega</i> , 0, , .	3.5	4
59	MTGO-SC, A Tool to Explore Gene Modules in Single-Cell RNA Sequencing Data. <i>Frontiers in Genetics</i> , 2019, 10, 953.	2.3	3
60	CD4+ T-Cell Activation Prompts Suppressive Function by Extracellular Vesicle-Associated MicroRNAs. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 753884.	3.7	3
61	Microvesicles released from activated CD4 ⁺ T cells alter microvascular endothelial cell function. <i>European Journal of Clinical Investigation</i> , 2022, , e13769.	3.4	3
62	Effective high-throughput isolation of enriched platelets and circulating pro-angiogenic cells to accelerate skin-wound healing. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 259.	5.4	3
63	Shotgun Proteomics of Isolated Urinary Extracellular Vesicles for Investigating Respiratory Impedance in Healthy Preschoolers. <i>Molecules</i> , 2021, 26, 1258.	3.8	2
64	A Shotgun Proteomic Platform for a Global Mapping of Lymphoblastoid Cells to Gain Insight into Nasu-Hakola Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9959.	4.1	2
65	Analysing omics data sets with weighted nodes networks (WNNets). <i>Scientific Reports</i> , 2021, 11, 14447.	3.3	1
66	Bottom-Up Proteomics. , 2016, , 155-185.		1
67	Processing of Mass Spectrometry Data in Clinical Applications. <i>Translational Bioinformatics</i> , 2013, , 207-233.	0.0	1
68	Stratification of biological samples based on proteomics data. <i>OA Bioinformatics</i> , 2013, 1, .	0.0	0