

Monika Dzieciatkowska

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,741
citations

394421

19
h-index

302126

39
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44
all docs

44
docs citations

44
times ranked

2827
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence of Structural Protein Damage and Membrane Lipid Remodeling in Red Blood Cells from COVID-19 Patients. <i>Journal of Proteome Research</i> , 2020, 19, 4455-4469.	3.7	189
2	Oxidative modifications of glyceraldehyde 3-phosphate dehydrogenase regulate metabolic reprogramming of stored red blood cells. <i>Blood</i> , 2016, 128, e32-e42.	1.4	183
3	Serum Proteomics in COVID-19 Patients: Altered Coagulation and Complement Status as a Function of IL-6 Level. <i>Journal of Proteome Research</i> , 2020, 19, 4417-4427.	3.7	155
4	Quantification of Extracellular Matrix Proteins from a Rat Lung Scaffold to Provide a Molecular Readout for Tissue Engineering. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 961-973.	3.8	131
5	Lin28 promotes the proliferative capacity of neural progenitor cells in brain development. <i>Development (Cambridge)</i> , 2015, 142, 1616-1627.	2.5	109
6	Red blood cell proteomics update: is there more to discover?. <i>Blood Transfusion</i> , 2017, 15, 182-187.	0.4	76
7	Preserved Proteins from Extinct Bison latifrons Identified by Tandem Mass Spectrometry; Hydroxylysine Glycosides are a Common Feature of Ancient Collagen. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1946-1958.	3.8	73
8	Methylation of protein aspartates and deamidated asparagines as a function of blood bank storage and oxidative stress in human red blood cells. <i>Transfusion</i> , 2018, 58, 2978-2991.	1.6	71
9	GeLC-MS/MS Analysis of Complex Protein Mixtures. <i>Methods in Molecular Biology</i> , 2014, 1156, 53-66.	0.9	64
10	Toward the identification of a subset of unexplained infertility: a sperm proteomic approach. <i>Fertility and Sterility</i> , 2014, 102, 692-699.	1.0	57
11	Hook3 is a scaffold for the opposite-polarity microtubule-based motors cytoplasmic dynein-1 and KIF1C. <i>Journal of Cell Biology</i> , 2019, 218, 2982-3001.	5.2	57
12	Specialized interferon action in COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	56
13	Hydroxylamine Chemical Digestion for Insoluble Extracellular Matrix Characterization. <i>Journal of Proteome Research</i> , 2017, 16, 4177-4184.	3.7	52
14	The cerebrospinal fluid immunoglobulin transcriptome and proteome in neuromyelitis optica reveals central nervous system-specific B cell populations. <i>Journal of Neuroinflammation</i> , 2015, 12, 19.	7.2	48
15	Seroconversion stages COVID19 into distinct pathophysiological states. <i>ELife</i> , 2021, 10, .	6.0	40
16	CD147: a small molecule transporter ancillary protein at the crossroad of multiple hallmarks of cancer and metabolic reprogramming. <i>Oncotarget</i> , 2017, 8, 6742-6762.	1.8	36
17	DNA damage contributes to neurotoxic inflammation in Aicardi-Goutières syndrome astrocytes. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	35
18	Plasma QconCATs reveal a gender-specific proteomic signature in apheresis platelet plasma supernatants. <i>Journal of Proteomics</i> , 2015, 120, 1-6.	2.4	32

#	ARTICLE	IF	CITATIONS
19	Erythrocyte transglutaminase-2 combats hypoxia and chronic kidney disease by promoting oxygen delivery and carnitine homeostasis. <i>Cell Metabolism</i> , 2022, 34, 299-316.e6.	16.2	28
20	Cytoplasmic dynein-1 cargo diversity is mediated by the combinatorial assembly of FTSâ€“Hookâ€“FHIP complexes. <i>ELife</i> , 2021, 10, .	6.0	27
21	Proteomics of apheresis platelet supernatants during routine storage: Gender-related differences. <i>Journal of Proteomics</i> , 2015, 112, 190-209.	2.4	23
22	Extracellular vesicles from young womenâ€™s breast cancer patients drive increased invasion of non-malignant cells via the Focal Adhesion Kinase pathway: a proteomic approach. <i>Breast Cancer Research</i> , 2020, 22, 128.	5.0	21
23	The Immunosuppressant Mycophenolic Acid Alters Nucleotide and Lipid Metabolism in an Intestinal Cell Model. <i>Scientific Reports</i> , 2017, 7, 45088.	3.3	19
24	Monoubiquitination of survival motor neuron regulates its cellular localization and Cajal body integrity. <i>Human Molecular Genetics</i> , 2016, 25, 1392-1405.	2.9	18
25	Targeted Intracellular Delivery of Trastuzumab Using Designer Phage Lambda Nanoparticles Alters Cellular Programs in Human Breast Cancer Cells. <i>ACS Nano</i> , 2021, 15, 11789-11805.	14.6	18
26	Matrix reverses immortalization-mediated stem cell fate determination. <i>Biomaterials</i> , 2021, 265, 120387.	11.4	15
27	Cell cycle-specific cleavage of Scc2 regulates its cohesin deposition activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7060-7065.	7.1	13
28	Site-Dependent Lineage Preference of Adipose Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 237.	3.7	13
29	Hypertonic Saline Primes Activation of the p53â€“p21 Signaling Axis in Human Small Airway Epithelial Cells That Prevents Inflammation Induced by Pro-inflammatory Cytokines. <i>Journal of Proteome Research</i> , 2016, 15, 3813-3826.	3.7	11
30	Red Blood Cell Proteasome in Beta-Thalassemia Trait: Topology of Activity and Networking in Blood Bank Conditions. <i>Membranes</i> , 2021, 11, 716.	3.0	11
31	Phosphorylation of the Scc2 cohesin deposition complex subunit regulates chromosome condensation through cohesin integrity. <i>Molecular Biology of the Cell</i> , 2015, 26, 3754-3767.	2.1	8
32	The Post-Storage Performance of RBCs from Beta-Thalassemia Trait Donors Is Related to Their Storability Profile. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12281.	4.1	8
33	Blood and Plasma Proteomics: Targeted Quantitation and Posttranslational Redox Modifications. <i>Methods in Molecular Biology</i> , 2017, 1619, 353-371.	0.9	7
34	A comparison of different methods of red blood cell leukoreduction and additive solutions on the accumulation of neutrophilâ€™s priming activity during storage. <i>Transfusion</i> , 2018, 58, 2003-2012.	1.6	7
35	Red cell proteasome modulation by storage, redox metabolism and transfusion. <i>Blood Transfusion</i> , 2020, , .	0.4	7
36	Correlation of preâ€“operative plasma protein concentrations in cardiac surgery patients with bleeding outcomes using a targeted quantitative proteomics approach. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600175.	1.6	5

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37	p97 dysfunction underlies a loss of quality control of damaged membrane proteins and promotes oxidative stress and sickling in sickle cell disease. <i>FASEB Journal</i> , 2022, 36, e22246.	0.5	5
38	Biophysical analysis of the effect of chemical modification by 4-oxononanal on the structure, stability, and function of binding immunoglobulin protein (BiP). <i>PLoS ONE</i> , 2017, 12, e0183975.	2.5	4
39	A Designer Nanoparticle Platform for Controlled Intracellular Delivery of Bioactive Macromolecules: Inhibition of Ubiquitin-Specific Protease 7 in Breast Cancer Cells. <i>ACS Chemical Biology</i> , 2022, 17, 1853-1865.	3.4	3