

# 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  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2827  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | 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        |
| 2  | 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        |
| 3  | DNA damage contributes to neurotoxic inflammation in Aicardi-Goutières syndrome astrocytes. <i>Journal of Experimental Medicine</i> , 2022, 219, .   | 8.5  | 35        |
| 4  | 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         |
| 5  | 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         |
| 6  | Matrix reverses immortalization-mediated stem cell fate determination. <i>Biomaterials</i> , 2021, 265, 120387.  | 11.4 | 15        |
| 7  | Seroconversion stages COVID19 into distinct pathophysiological states. <i>ELife</i> , 2021, 10, .  | 6.0  | 40        |
| 8  | 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        |
| 9  | 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        |
| 10 | 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         |
| 11 | Cytoplasmic dynein-1 cargo diversity is mediated by the combinatorial assembly of FTSâ€‘Hookâ€‘FHIP complexes. <i>ELife</i> , 2021, 10, .  | 6.0  | 27        |
| 12 | 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        |
| 13 | 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       |
| 14 | 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       |
| 15 | Site-Dependent Lineage Preference of Adipose Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 237.  | 3.7  | 13        |
| 16 | Red cell proteasome modulation by storage, redox metabolism and transfusion. <i>Blood Transfusion</i> , 2020, , .  | 0.4  | 7         |
| 17 | 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        |
| 18 | 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        |

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|----|---|-----|-----------|
| 19 | A comparison of different methods of red blood cell leukoreduction and additive solutions on the accumulation of neutrophil priming activity during storage. <i>Transfusion</i> , 2018, 58, 2003-2012.                                | 1.6 | 7         |
| 20 | Correlation of preoperative 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         |
| 21 | The Immunosuppressant Mycophenolic Acid Alters Nucleotide and Lipid Metabolism in an Intestinal Cell Model. <i>Scientific Reports</i> , 2017, 7, 45088.   | 3.3 | 19        |
| 22 | Hydroxylamine Chemical Digestion for Insoluble Extracellular Matrix Characterization. <i>Journal of Proteome Research</i> , 2017, 16, 4177-4184.  | 3.7 | 52        |
| 23 | Blood and Plasma Proteomics: Targeted Quantitation and Posttranslational Redox Modifications. <i>Methods in Molecular Biology</i> , 2017, 1619, 353-371.  | 0.9 | 7         |
| 24 | 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         |
| 25 | 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        |
| 26 | Red blood cell proteomics update: is there more to discover?. <i>Blood Transfusion</i> , 2017, 15, 182-187.   | 0.4 | 76        |
| 27 | 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       |
| 28 | Hypertonic Saline Primes Activation of the p53/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        |
| 29 | 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        |
| 30 | 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        |
| 31 | 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        |
| 32 | Lin28 promotes the proliferative capacity of neural progenitor cells in brain development. <i>Development (Cambridge)</i> , 2015, 142, 1616-1627.   | 2.5 | 109       |
| 33 | 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        |
| 34 | 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       |
| 35 | 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         |
| 36 | Proteomics of apheresis platelet supernatants during routine storage: Gender-related differences. <i>Journal of Proteomics</i> , 2015, 112, 190-209.  | 2.4 | 23        |

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|----|--|-----|-----------|
| 37 | Cell cycle-specific cleavage of Scc2 regulates its cohesin deposition activity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7060-7065. | 7.1 | 13        |
| 38 | Toward the identification of a subset of unexplained infertility: a sperm proteomic approach. Fertility and Sterility, 2014, 102, 692-699.   | 1.0 | 57        |
| 39 | GeLC-MS/MS Analysis of Complex Protein Mixtures. Methods in Molecular Biology, 2014, 1156, 53-66.  | 0.9 | 64        |