

Christopher Gerner

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

184
papers

5,236
citations

39
h-index

62
g-index

207
ext. papers

6,263
ext. citations

6.2
avg, IF

5.58
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 184 | RNase P without RNA: identification and functional reconstitution of the human mitochondrial tRNA processing enzyme. <i>Cell</i> , 2008 , 135, 462-74 | 56.2 | 434 |
| 183 | Executioner caspase-3 and caspase-7 are functionally distinct proteases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 12815-9 | 11.5 | 370 |
| 182 | Structure-activity relationships for ruthenium and osmium anticancer agents - towards clinical development. <i>Chemical Society Reviews</i> , 2018 , 47, 909-928 | 58.5 | 245 |
| 181 | Serum amyloid A in uremic HDL promotes inflammation. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 934-47 | 12.7 | 164 |
| 180 | The Fas-induced apoptosis analyzed by high throughput proteome analysis. <i>Journal of Biological Chemistry</i> , 2000 , 275, 39018-26 | 5.4 | 132 |
| 179 | Cell death and autophagy: cytokines, drugs, and nutritional factors. <i>Toxicology</i> , 2008 , 254, 147-57 | 4.4 | 103 |
| 178 | Local complement activation triggers neutrophil recruitment to the site of thrombus formation in acute myocardial infarction. <i>Thrombosis and Haemostasis</i> , 2009 , 102, 564-72 | 7 | 87 |
| 177 | Use of conventional and -omics based methods for health claims of dietary antioxidants: a critical overview. <i>British Journal of Nutrition</i> , 2008 , 99 E Suppl 1, ES3-52 | 3.6 | 86 |
| 176 | Cell characterization by proteome profiling applied to primary hepatocytes and hepatocyte cell lines Hep-G2 and Hep-3B. <i>Journal of Proteome Research</i> , 2010 , 9, 6-21 | 5.6 | 73 |
| 175 | A novel technique to specifically analyze the secretome of cells and tissues. <i>Electrophoresis</i> , 2005 , 26, 2779-85 | 3.6 | 73 |
| 174 | An Organoruthenium Anticancer Agent Shows Unexpected Target Selectivity For Plectin. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8267-8271 | 16.4 | 71 |
| 173 | Concomitant determination of absolute values of cellular protein amounts, synthesis rates, and turnover rates by quantitative proteome profiling. <i>Molecular and Cellular Proteomics</i> , 2002 , 1, 528-37 | 7.6 | 69 |
| 172 | Purification and characterization of tyrosinase from walnut leaves (<i>Juglans regia</i>). <i>Phytochemistry</i> , 2014 , 101, 5-15 | 4 | 61 |
| 171 | Cancer-associated fibroblast-derived WNT2 increases tumor angiogenesis in colon cancer. <i>Angiogenesis</i> , 2020 , 23, 159-177 | 10.6 | 61 |
| 170 | Inhibition of the mevalonate pathway affects epigenetic regulation in cancer cells. <i>Cancer Genetics</i> , 2015 , 208, 241-52 | 2.3 | 60 |
| 169 | Phosphorylation of iRhom2 Controls Stimulated Proteolytic Shedding by the Metalloprotease ADAM17/TACE. <i>Cell Reports</i> , 2017 , 21, 745-757 | 10.6 | 57 |
| 168 | Proteome analysis of nuclear matrix proteins during apoptotic chromatin condensation. <i>Cell Death and Differentiation</i> , 2002 , 9, 671-81 | 12.7 | 55 |

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| 167 | Irradiated cultured apoptotic peripheral blood mononuclear cells regenerate infarcted myocardium. <i>European Journal of Clinical Investigation</i> , 2009 , 39, 445-56 | 4.6 | 53 |
| 166 | Quantitative assessment of human serum high-abundance protein depletion. <i>Electrophoresis</i> , 2008 , 29, 4316-23 | 3.6 | 51 |
| 165 | Automated, on-line two-dimensional nano liquid chromatography tandem mass spectrometry for rapid analysis of complex protein digests. <i>Proteomics</i> , 2004 , 4, 2545-57 | 4.8 | 51 |
| 164 | MSH3-deficiency initiates EMAST without oncogenic transformation of human colon epithelial cells. <i>PLoS ONE</i> , 2012 , 7, e50541 | 3.7 | 48 |
| 163 | Hydrogen peroxide mediates EGCG-induced antioxidant protection in human keratinocytes. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 1444-52 | 7.8 | 47 |
| 162 | 2A proteinase of human rhinovirus cleaves cytokeratin 8 in infected HeLa cells. <i>Journal of Biological Chemistry</i> , 2000 , 275, 20084-9 | 5.4 | 47 |
| 161 | Proteome profiling in IL-1 β and VEGF-activated human umbilical vein endothelial cells delineates the interlink between inflammation and angiogenesis. <i>PLoS ONE</i> , 2017 , 12, e0179065 | 3.7 | 46 |
| 160 | Mass Spectrometry Uncovers Molecular Reactivities of Coordination and Organometallic Gold(III) Drug Candidates in Competitive Experiments That Correlate with Their Biological Effects. <i>Inorganic Chemistry</i> , 2016 , 55, 4248-59 | 5.1 | 45 |
| 159 | Proteome maps of the main human peripheral blood constituents. <i>Journal of Proteome Research</i> , 2009 , 8, 3834-43 | 5.6 | 45 |
| 158 | Differential nuclear localization and nuclear matrix association of the splicing factors PSF and PTB. <i>Journal of Cellular Biochemistry</i> , 2000 , 76, 559-566 | 4.7 | 45 |
| 157 | Proteomics and transcriptomics of peripheral nerve tissue and cells unravel new aspects of the human Schwann cell repair phenotype. <i>Glia</i> , 2016 , 64, 2133-2153 | 9 | 44 |
| 156 | Entering a new era of rational biomarker discovery for early detection of melanoma metastases: secretome analysis of associated stroma cells. <i>Journal of Proteome Research</i> , 2009 , 8, 2501-10 | 5.6 | 44 |
| 155 | Glutamine deficiency renders human monocytic cells more susceptible to specific apoptosis triggers. <i>Surgery</i> , 2002 , 131, 75-80 | 3.6 | 43 |
| 154 | Reassembling proteins and chaperones in human nuclear matrix protein fractions. <i>Journal of Cellular Biochemistry</i> , 1999 , 74, 145-151 | 4.7 | 43 |
| 153 | Cytoplasmic proteome and secretome profiles of differently stimulated human dendritic cells. <i>Journal of Proteome Research</i> , 2009 , 8, 2799-811 | 5.6 | 42 |
| 152 | Absence of PD-L1 on tumor cells is associated with reduced MHC I expression and PD-L1 expression increases in recurrent serous ovarian cancer. <i>Scientific Reports</i> , 2017 , 7, 42929 | 4.9 | 41 |
| 151 | Comprehensive assessment of proteins regulated by dexamethasone reveals novel effects in primary human peripheral blood mononuclear cells. <i>Journal of Proteome Research</i> , 2014 , 13, 5989-6000 | 5.6 | 41 |
| 150 | Comparative platelet proteome analysis reveals an increase of monoamine oxidase-B protein expression in Alzheimer's disease but not in non-demented Parkinson's disease patients. <i>Journal of Proteomics</i> , 2012 , 75, 2080-92 | 3.9 | 41 |

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| 149 | Elevated Plasma Levels of Crosslinked Fibrinogen Gamma-chain Dimer Indicate Cancer-related Fibrin Deposition and Fibrinolysis. <i>Thrombosis and Haemostasis</i> , 2001 , 85, 494-501 | 7 | 41 |
| 148 | Similarity between nuclear matrix proteins of various cells revealed by an improved isolation method. <i>Journal of Cellular Biochemistry</i> , 1998 , 71, 363-74 | 4.7 | 40 |
| 147 | Proteome signatures of inflammatory activated primary human peripheral blood mononuclear cells. <i>Journal of Proteomics</i> , 2012 , 76 Spec No., 150-62 | 3.9 | 39 |
| 146 | MULTIOMIC PATTERNS IN BODY FLUIDS: TECHNOLOGICAL CHALLENGE WITH A GREAT POTENTIAL TO IMPLEMENT THE ADVANCED PARADIGM OF 3P MEDICINE. <i>Mass Spectrometry Reviews</i> , 2020 , 39, 442-451 | 11 | 39 |
| 145 | Direct coupling of supercritical fluid chromatography with tandem mass spectrometry for the analysis of amino acids and related compounds: Comparing electrospray ionization and atmospheric pressure chemical ionization. <i>Analytica Chimica Acta</i> , 2017 , 981, 106-115 | 6.6 | 37 |
| 144 | Extracellular matrix remodeling by bone marrow fibroblast-like cells correlates with disease progression in multiple myeloma. <i>Journal of Proteome Research</i> , 2014 , 13, 844-54 | 5.6 | 37 |
| 143 | Identification and characterization of the ubiquitously occurring nuclear matrix protein NMP 238. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 252, 39-45 | 3.4 | 37 |
| 142 | Integrative Systemic and Local Metabolomics with Impact on Survival in High-Grade Serous Ovarian Cancer. <i>Clinical Cancer Research</i> , 2017 , 23, 2081-2092 | 12.9 | 36 |
| 141 | Increased protein synthesis by cells exposed to a 1,800-MHz radio-frequency mobile phone electromagnetic field, detected by proteome profiling. <i>International Archives of Occupational and Environmental Health</i> , 2010 , 83, 691-702 | 3.2 | 35 |
| 140 | Caspase-9 plays a marginal role in serum starvation-induced apoptosis. <i>Experimental Cell Research</i> , 2005 , 302, 115-28 | 4.2 | 35 |
| 139 | Plasma from cancer patients featuring a characteristic protein composition mediates protection against apoptosis. <i>Molecular and Cellular Proteomics</i> , 2002 , 1, 387-93 | 7.6 | 34 |
| 138 | New cellular tools reveal complex epithelial-mesenchymal interactions in hepatocarcinogenesis. <i>British Journal of Cancer</i> , 2008 , 99, 151-9 | 8.7 | 33 |
| 137 | The fate of the nuclear matrix-associated-region-binding protein SATB1 during apoptosis. <i>Cell Death and Differentiation</i> , 2000 , 7, 425-38 | 12.7 | 33 |
| 136 | Proteomics and metabolomics identify molecular mechanisms of aging potentially predisposing for chronic lymphocytic leukemia. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 290-303 | 7.6 | 33 |
| 135 | A platelet protein biochip rapidly detects an Alzheimer's disease-specific phenotype. <i>Acta Neuropathologica</i> , 2014 , 128, 665-77 | 14.3 | 31 |
| 134 | Increased soluble serum markers caspase-cleaved cytokeratin-18, histones, and ST2 indicate apoptotic turnover and chronic immune response in COPD. <i>Journal of Clinical Laboratory Analysis</i> , 2009 , 23, 372-9 | 3 | 31 |
| 133 | Identification of human common nuclear-matrix proteins as heterogeneous nuclear ribonucleoproteins H and H ₁ by sequencing and mass spectrometry. <i>FEBS Journal</i> , 1997 , 244, 479-86 | | 31 |
| 132 | Introducing a new parameter for quality control of proteome profiles: consideration of commonly expressed proteins. <i>Electrophoresis</i> , 2009 , 30, 1306-28 | 3.6 | 30 |

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| 131 | RNAi-mediated silencing of TEL/AML1 reveals a heat-shock protein- and survivin-dependent mechanism for survival. <i>Blood</i> , 2007 , 109, 2607-10 | 2.2 | 29 |
| 130 | hNMP 200: a novel human common nuclear matrix protein combining structural and regulatory functions. <i>Experimental Cell Research</i> , 2000 , 261, 166-79 | 4.2 | 29 |
| 129 | Role of the immune system in the peritoneal tumor spread of high grade serous ovarian cancer. <i>Oncotarget</i> , 2016 , 7, 61336-61354 | 3.3 | 29 |
| 128 | iTAP, a novel iRhom interactor, controls TNF secretion by policing the stability of iRhom/TACE. <i>ELife</i> , 2018 , 7, | 8.9 | 29 |
| 127 | Corazonin signaling integrates energy homeostasis and lunar phase to regulate aspects of growth and sexual maturation in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 1097-1106 | 11.5 | 28 |
| 126 | Proteome profiling of breast cancer biopsies reveals a wound healing signature of cancer-associated fibroblasts. <i>Journal of Proteome Research</i> , 2014 , 13, 4773-82 | 5.6 | 28 |
| 125 | Consequences of transition from liquid chromatography to supercritical fluid chromatography on the overall performance of a chiral zwitterionic ion-exchanger. <i>Journal of Chromatography A</i> , 2017 , 1517, 165-175 | 4.5 | 28 |
| 124 | Multi-omics Analysis of Serum Samples Demonstrates Reprogramming of Organ Functions Via Systemic Calcium Mobilization and Platelet Activation in Metastatic Melanoma. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 86-99 | 7.6 | 27 |
| 123 | 3,3',4',5'-Hexahydroxystilbene impairs melanoma progression in a metastatic mouse model. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 1668-79 | 4.3 | 27 |
| 122 | Two-dimensional electrophoresis reveals a nuclear matrix-associated nucleolin complex of basic isoelectric point. <i>Electrophoresis</i> , 1997 , 18, 2645-53 | 3.6 | 27 |
| 121 | Proteome analysis identified the PPAR α ligand 15d-PGJ2 as a novel drug inhibiting melanoma progression and interfering with tumor-stroma interaction. <i>PLoS ONE</i> , 2012 , 7, e46103 | 3.7 | 27 |
| 120 | Chiral separation of new designer drugs (Cathinones) on chiral ion-exchange type stationary phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 120, 306-15 | 3.5 | 26 |
| 119 | Reduced stress tolerance of glutamine-deprived human monocytic cells is associated with selective down-regulation of Hsp70 by decreased mRNA stability. <i>Journal of Molecular Medicine</i> , 2006 , 84, 147-58 | 5.5 | 26 |
| 118 | Phosphoproteome and transcriptome analysis of the neuronal response to a CDK5 inhibitor. <i>Proteomics</i> , 2005 , 5, 1299-307 | 4.8 | 26 |
| 117 | Combined transcriptome and proteome profiling reveals specific molecular brain signatures for sex, maturation and circalunar clock phase. <i>ELife</i> , 2019 , 8, | 8.9 | 26 |
| 116 | Transplantation of human amnion prevents recurring adhesions and ameliorates fibrosis in a rat model of sciatic nerve scarring. <i>Acta Biomaterialia</i> , 2018 , 66, 335-349 | 10.8 | 26 |
| 115 | A human common nuclear matrix protein homologous to eukaryotic translation initiation factor 4A. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 267, 339-44 | 3.4 | 25 |
| 114 | Contribution of Human Fibroblasts and Endothelial Cells to the Hallmarks of Inflammation as Determined by Proteome Profiling. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1982-97 | 7.6 | 25 |

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| 113 | The Presence of Active Brown Adipose Tissue Determines Cold-Induced Energy Expenditure and Oxylin Profiles in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105, | 5.6 | 24 |
| 112 | Quantification of the neurotransmitters melatonin and N-acetyl-serotonin in human serum by supercritical fluid chromatography coupled with tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2016 , 937, 168-74 | 6.6 | 24 |
| 111 | Sensitivity towards the GRP78 inhibitor KP1339/IT-139 is characterized by apoptosis induction via caspase 8 upon disruption of ER homeostasis. <i>Cancer Letters</i> , 2017 , 404, 79-88 | 9.9 | 24 |
| 110 | Nuclear matrix proteins specific for subtypes of human hematopoietic cells 1999 , 72, 470-482 | | 24 |
| 109 | Response Profiling Using Shotgun Proteomics Enables Global Metallo drug Mechanisms of Action To Be Established. <i>Chemistry - A European Journal</i> , 2017 , 23, 1881-1890 | 4.8 | 23 |
| 108 | Introducing the CPL/MUW proteome database: interpretation of human liver and liver cancer proteome profiles by referring to isolated primary cells. <i>Electrophoresis</i> , 2009 , 30, 2076-89 | 3.6 | 23 |
| 107 | Functional classification of cellular proteome profiles support the identification of drug resistance signatures in melanoma cells. <i>Journal of Proteome Research</i> , 2013 , 12, 3264-76 | 5.6 | 22 |
| 106 | A novel mechanism for mitogenic signaling via pro-transforming growth factor alpha within hepatocyte nuclei. <i>Hepatology</i> , 2002 , 35, 1372-80 | 11.2 | 22 |
| 105 | Discovery of methylfarnesoate as the annelid brain hormone reveals an ancient role of sesquiterpenoids in reproduction. <i>ELife</i> , 2016 , 5, | 8.9 | 22 |
| 104 | Randomised clinical study: the effects of oral taurine 6g/day vs placebo on portal hypertension. <i>Alimentary Pharmacology and Therapeutics</i> , 2018 , 47, 86-94 | 6.1 | 22 |
| 103 | Peroxisome Proliferator-Activated Receptors (PPAR) Agonists as Master Modulators of Tumor Tissue. <i>International Journal of Molecular Sciences</i> , 2018 , 19, | 6.3 | 22 |
| 102 | Plasticity of fibroblasts demonstrated by tissue-specific and function-related proteome profiling. <i>Clinical Proteomics</i> , 2014 , 11, 41 | 5 | 21 |
| 101 | Towards a standardized human proteome database: quantitative proteome profiling of living cells. <i>Proteomics</i> , 2004 , 4, 1314-23 | 4.8 | 20 |
| 100 | Exploring the role of sphingolipid machinery during the epithelial to mesenchymal transition program using an integrative approach. <i>Oncotarget</i> , 2016 , 7, 22295-323 | 3.3 | 19 |
| 99 | Targeting breast cancer-associated fibroblasts to improve anti-cancer therapy. <i>Breast</i> , 2015 , 24, 532-8 | 3.6 | 18 |
| 98 | Time-dependent shotgun proteomics revealed distinct effects of an organoruthenium prodrug and its activation product on colon carcinoma cells. <i>Metallomics</i> , 2019 , 11, 118-127 | 4.5 | 18 |
| 97 | Vemurafenib resistance signature by proteome analysis offers new strategies and rational therapeutic concepts. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 757-68 | 6.1 | 18 |
| 96 | A combined proteomic and genetic analysis of the highly variable platelet proteome: from plasmatic proteins and SNPs. <i>Journal of Proteomics</i> , 2012 , 75, 5848-60 | 3.9 | 18 |

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| 95 | Pomegranate seed oil in women with menopausal symptoms: a prospective randomized, placebo-controlled, double-blinded trial. <i>Menopause</i> , 2012 , 19, 426-32 | 2.5 | 18 |
| 94 | Knowledge-based proteome profiling: considering identified proteins to evaluate separation efficiency by 2-D PAGE. <i>Electrophoresis</i> , 2006 , 27, 2712-21 | 3.6 | 18 |
| 93 | Metabolic, Anti-apoptotic and Immune Evasion Strategies of Primary Human Myeloma Cells Indicate Adaptations to Hypoxia. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, 936-953 | 7.6 | 18 |
| 92 | Combined Proteome and Eicosanoid Profiling Approach for Revealing Implications of Human Fibroblasts in Chronic Inflammation. <i>Analytical Chemistry</i> , 2017 , 89, 1945-1954 | 7.8 | 17 |
| 91 | Myofibroblasts are important contributors to human hepatocellular carcinoma: evidence for tumor promotion by proteome profiling. <i>Electrophoresis</i> , 2013 , 34, 3315-25 | 3.6 | 17 |
| 90 | An Organometallic Gold(I) Bis-N-Heterocyclic Carbene Complex with Multimodal Activity in Ovarian Cancer Cells. <i>Chemistry - A European Journal</i> , 2020 , 26, 15528-15537 | 4.8 | 17 |
| 89 | Interaction with Ribosomal Proteins Accompanies Stress Induction of the Anticancer Metallo drug BOLD-100/KP1339 in the Endoplasmic Reticulum. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5063-5068 | 16.4 | 17 |
| 88 | Proteome analysis identifies L1CAM/CD171 and DPP4/CD26 as novel markers of human skin mast cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 85-97 | 9.3 | 16 |
| 87 | Published and perished? The influence of the searched protein database on the long-term storage of proteomics data. <i>Molecular and Cellular Proteomics</i> , 2011 , 10, M111.008490 | 7.6 | 16 |
| 86 | Schwann cell plasticity regulates neuroblastic tumor cell differentiation via epidermal growth factor-like protein 8. <i>Nature Communications</i> , 2021 , 12, 1624 | 17.4 | 16 |
| 85 | Coffee consumption modulates inflammatory processes in an individual fashion. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2529-2541 | 5.9 | 15 |
| 84 | Low-Generation Polyamidoamine Dendrimers as Drug Carriers for Platinum(IV) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 1713-1720 | 2.3 | 15 |
| 83 | bFGF rescues 423-cells from serum starvation-induced apoptosis downstream of activated caspase-3. <i>FEBS Letters</i> , 2004 , 573, 19-25 | 3.8 | 15 |
| 82 | A method to produce Ponceau replicas from blots: application for Western analysis. <i>Electrophoresis</i> , 2000 , 21, 523-5 | 3.6 | 15 |
| 81 | Quantification of cytokines secreted by primary human cells using multiple reaction monitoring: evaluation of analytical parameters. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 6525-36 | 4.4 | 14 |
| 80 | A proteomics study reveals a predominant change in MaoB expression in platelets of healthy volunteers after high protein meat diet: relationship to the methylation cycle. <i>Journal of Neural Transmission</i> , 2011 , 118, 653-62 | 4.3 | 14 |
| 79 | GPDE: A biological proteomic database for biomarker discovery and evaluation. <i>Proteomics</i> , 2011 , 11, 1000-4 | 4.8 | 14 |
| 78 | Common nuclear matrix proteins in rat tissues. <i>Electrophoresis</i> , 1997 , 18, 2109-15 | 3.6 | 14 |

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| 77 | Neutrophil Extracellular Trap Formation Correlates with Favorable Overall Survival in High Grade Ovarian Cancer. <i>Cancers</i> , 2020 , 12, | 6.6 | 13 |
| 76 | Impact of a synthetic cannabinoid (CP-47,497-C8) on protein expression in human cells: evidence for induction of inflammation and DNA damage. <i>Archives of Toxicology</i> , 2016 , 90, 1369-82 | 5.8 | 13 |
| 75 | Determination of a Tumor-Promoting Microenvironment in Recurrent Medulloblastoma: A Multi-Omics Study of Cerebrospinal Fluid. <i>Cancers</i> , 2020 , 12, | 6.6 | 12 |
| 74 | Proteome Analysis Reveals Distinct Mitochondrial Functions Linked to Interferon Response Patterns in Activated CD4+ and CD8+ T Cells. <i>Frontiers in Pharmacology</i> , 2019 , 10, 727 | 5.6 | 12 |
| 73 | The cytoplasmic tail of CD45 is released from activated phagocytes and can act as an inhibitory messenger for T cells. <i>Blood</i> , 2008 , 112, 1240-8 | 2.2 | 12 |
| 72 | Proteome alterations induced in human white blood cells by consumption of Brussels sprouts: Results of a pilot intervention study. <i>Proteomics - Clinical Applications</i> , 2008 , 2, 108-17 | 3.1 | 12 |
| 71 | Glutamine starvation of monocytes inhibits the ubiquitin-proteasome proteolytic pathway. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2003 , 1638, 138-48 | 6.9 | 12 |
| 70 | Clinical Efficacy of a Novel Therapeutic Principle, Anakinosis. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1357 | 5.6 | 12 |
| 69 | NECTIN4 (PVRL4) as Putative Therapeutic Target for a Specific Subtype of High Grade Serous Ovarian Cancer-An Integrative Multi-Omics Approach. <i>Cancers</i> , 2019 , 11, | 6.6 | 11 |
| 68 | Proteomic profiling identifies markers for inflammation-related tumor-fibroblast interaction. <i>Clinical Proteomics</i> , 2017 , 14, 33 | 5 | 11 |
| 67 | Fetal articular cartilage regeneration versus adult fibrocartilaginous repair: secretome proteomics unravels molecular mechanisms in an ovine model. <i>DMM Disease Models and Mechanisms</i> , 2018 , 11, | 4.1 | 11 |
| 66 | Determination of cell type-specific proteome signatures of primary human leukocytes, endothelial cells, keratinocytes, hepatocytes, fibroblasts and melanocytes by comparative proteome profiling. <i>Electrophoresis</i> , 2014 , 35, 1428-38 | 3.6 | 11 |
| 65 | Ein Organoruthenium-Tumorthapeutikum mit unerwartet hoher Selektivität für Plectin. <i>Angewandte Chemie</i> , 2017 , 129, 8379-8383 | 3.6 | 11 |
| 64 | Proteomic identification of a marker signature for MAPKi resistance in melanoma. <i>EMBO Journal</i> , 2019 , 38, e95874 | 13 | 11 |
| 63 | Consequences of acute and chronic oxidative stress upon the expression pattern of proteins in peripheral blood mononuclear cells. <i>Journal of Proteome Research</i> , 2008 , 7, 5138-47 | 5.6 | 10 |
| 62 | Secretome Proteomics, a Novel Tool for Biomarkers Discovery and for Guiding Biomodulatory Therapy Approaches 2010 , 405-431 | | 10 |
| 61 | Novel non-canonical role of STAT1 in Natural Killer cell cytotoxicity. <i>Oncotmunology</i> , 2016 , 5, e11863147.2 | | 10 |
| 60 | Curcumin exerts its antitumor effects in a context dependent fashion. <i>Journal of Proteomics</i> , 2018 , 182, 65-72 | 3.9 | 10 |

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| 59 | Deoxynivalenol induces structural alterations in epidermoid carcinoma cells A431 and impairs the response to biomechanical stimulation. <i>Scientific Reports</i> , 2018 , 8, 11351 | 4.9 | 9 |
| 58 | Mobile phone specific electromagnetic fields induce transient DNA damage and nucleotide excision repair in serum-deprived human glioblastoma cells. <i>PLoS ONE</i> , 2018 , 13, e0193677 | 3.7 | 9 |
| 57 | Structural Similarity with Cholesterol Reveals Crucial Insights into Mechanisms Sustaining the Immunomodulatory Activity of the Mycotoxin Alternariol. <i>Cells</i> , 2020 , 9, | 7.9 | 8 |
| 56 | Proteomics-based insights into mitogen-activated protein kinase inhibitor resistance of cerebral melanoma metastases. <i>Clinical Proteomics</i> , 2018 , 15, 13 | 5 | 8 |
| 55 | Covalent dimerization of interleukin-like epithelial-to-mesenchymal transition (EMT) inducer (ILEI) facilitates EMT, invasion, and late aspects of metastasis. <i>FEBS Journal</i> , 2017 , 284, 3484-3505 | 5.7 | 8 |
| 54 | Proteomic profiling of acute coronary thrombosis reveals a local decrease in pigment epithelium-derived factor in acute myocardial infarction. <i>Clinical Science</i> , 2012 , 123, 111-9 | 6.5 | 8 |
| 53 | Phenobarbital induces alterations in the proteome of hepatocytes and mesenchymal cells of rat livers. <i>PLoS ONE</i> , 2013 , 8, e76137 | 3.7 | 8 |
| 52 | Proteomics reveals acute pro-inflammatory and protective responses in rat Kupffer cells and hepatocytes after chemical initiation of liver cancer and after LPS and IL-6. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 947-67 | 3.1 | 8 |
| 51 | The Challenge of Classifying Metastatic Cell Properties by Molecular Profiling Exemplified with Cutaneous Melanoma Cells and Their Cerebral Metastasis from Patient Derived Mouse Xenografts. <i>Molecular and Cellular Proteomics</i> , 2020 , 19, 478-489 | 7.6 | 8 |
| 50 | Daily Caffeine Intake Induces Concentration-Dependent Medial Temporal Plasticity in Humans: A Multimodal Double-Blind Randomized Controlled Trial. <i>Cerebral Cortex</i> , 2021 , 31, 3096-3106 | 5.1 | 8 |
| 49 | Seasonal variation in UVA light drives hormonal and behavioural changes in a marine annelid via a ciliary opsin. <i>Nature Ecology and Evolution</i> , 2021 , 5, 204-218 | 12.3 | 8 |
| 48 | Octenidine-based hydrogel shows anti-inflammatory and protease-inhibitory capacities in wounded human skin. <i>Scientific Reports</i> , 2021 , 11, 32 | 4.9 | 8 |
| 47 | Proteomics-Enriched Prediction Model for Poor Neurologic Outcome in Cardiac Arrest Survivors. <i>Critical Care Medicine</i> , 2020 , 48, 167-175 | 1.4 | 7 |
| 46 | Quantitative proteomics reveals protein kinases and phosphatases in the individual phases of contextual fear conditioning in the C57BL/6J mouse. <i>Behavioural Brain Research</i> , 2016 , 303, 208-17 | 3.4 | 7 |
| 45 | EGCG-mediated cyto- and genotoxicity in HaCat keratinocytes is impaired by cell-mediated clearance of auto-oxidation-derived H ₂ O ₂ : an algorithm for experimental setting correction. <i>Toxicology Letters</i> , 2011 , 205, 173-82 | 4.4 | 7 |
| 44 | Divide and conquer: rat liver tissue proteomics based on the analysis of purified constituents. <i>Electrophoresis</i> , 2006 , 27, 4112-20 | 3.6 | 7 |
| 43 | Interaction of mesalazine (5-ASA) with translational initiation factors eIF4 partially explains 5-ASA anti-inflammatory and anti-neoplastic activities. <i>Medicinal Chemistry</i> , 2011 , 7, 92-8 | 1.8 | 7 |
| 42 | Membrane disruption, but not metabolic rewiring, is the key mechanism of anticancer-action of FASN-inhibitors: a multi-omics analysis in ovarian cancer. <i>Scientific Reports</i> , 2020 , 10, 14877 | 4.9 | 6 |

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| 41 | Metabo-tip: a metabolomics platform for lifestyle monitoring supporting the development of novel strategies in predictive, preventive and personalised medicine. <i>EPMA Journal</i> , 2021 , 12, 141-153 | 8.8 | 6 |
| 40 | Lipid droplet-mediated scavenging as novel intrinsic and adaptive resistance factor against the multikinase inhibitor ponatinib. <i>International Journal of Cancer</i> , 2020 , 147, 1680-1693 | 7.5 | 5 |
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