Christopher Gerner

List of Publications by Year
in descending order

189 papers	7,128 citations	66315 42 h-index	85498 71 g-index
207 all docs	207 docs citations	207 times ranked	10824 citing authors

#	Article	IF	Citations
1	RNase P without RNA: Identification and Functional Reconstitution of the Human Mitochondrial tRNA Processing Enzyme. Cell, 2008, 135, 462-474.	13.5	546
2	Executioner caspase-3 and caspase-7 are functionally distinct proteases. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12815-12819.	3.3	475
3	Structureâ€“activity relationships for ruthenium and osmium anticancer agents â€“ towards clinical development. Chemical Society Reviews, 2018, 47, 909-928.	18.7	330
4	Serum Amyloid A in Uremic HDL Promotes Inflammation. Journal of the American Society of Nephrology: JASN, 2012, 23, 934-947.	3.0	194
5	Cancer-associated fibroblast-derived WNT2 increases tumor angiogenesis in colon cancer. Angiogenesis, 2020, 23, 159-177.	3.7	174
6	The Fas-induced Apoptosis Analyzed by High Throughput Proteome Analysis. Journal of Biological Chemistry, 2000, 275, 39018-39026.	1.6	151
7	Cell death and autophagy: Cytokines, drugs, and nutritional factors. Toxicology, 2008, 254, 147-157.	2.0	118
8	Local complement activation triggers neutrophil recruitment to the site of thrombus formation in acute myocardial infarction. Thrombosis and Haemostasis, 2009, 102, 564-572.	1.8	103
9	Use of conventional and -omics based methods for health claims of dietary antioxidants: a critical overview. British Journal of Nutrition, 2008, 99, ES3-ES52.	1.2	101
10	An Organoruthenium Anticancer Agent Shows Unexpected Target Selectivity For Plectin. Angewandte Chemie - International Edition, 2017, 56, 8267-8271.	7.2	97
11	Cell Characterization by Proteome Profiling Applied to Primary Hepatocytes and Hepatocyte Cell Lines Hep-G2 and Hep-3B. Journal of Proteome Research, 2010, 9, 6-21.	1.8	88
12	Phosphorylation of iRhom2 Controls Stimulated Proteolytic Shedding by the Metalloprotease ADAM17/TACE. Cell Reports, 2017, 21, 745-757.	2.9	86
13	Inhibition of the mevalonate pathway affects epigenetic regulation in cancer cells. Cancer Genetics, 2015, 208, 241-252.	0.2	84
14	Concomitant Determination of Absolute Values of Cellular Protein Amounts, Synthesis Rates, and Turnover Rates by Quantitative Proteome Profiling. Molecular and Cellular Proteomics, 2002, 1, 528-537.	2.5	83
15	A novel technique to specifically analyze the secretome of cells and tissues. Electrophoresis, 2005, 26, 2779-2785.	1.3	77
16	Proteomics and transcriptomics of peripheral nerve tissue and cells unravel new aspects of the human Schwann cell repair phenotype. Glia, 2016, 64, 2133-2153.	2.5	77
17	Purification and characterization of tyrosinase from walnut leaves (Juglans regia). Phytochemistry, 2014, 101, 5-15.	1.4	74
18	Irradiated cultured apoptotic peripheral blood mononuclear cells regenerate infarcted myocardium. European Journal of Clinical Investigation, 2009, 39, 445-456.	1.7	66

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19	Proteome profiling in IL-1Î² and VEGF-activated human umbilical vein endothelial cells delineates the interlink between inflammation and angiogenesis. PLoS ONE, 2017, 12, e0179065.	1.1	64
20	Proteomics and metabolomics identify molecular mechanisms of aging potentially predisposing for chronic lymphocytic leukemia. Molecular and Cellular Proteomics, 2018, 17, 290-303.	2.5	62
21	2A Proteinase of Human Rhinovirus Cleaves Cytokeratin 8 in Infected HeLa Cells. Journal of Biological Chemistry, 2000, 275, 20084-20089.	1.6	60
22	Proteome analysis of nuclear matrix proteins during apoptotic chromatin condensation. Cell Death and Differentiation, 2002, 9, 671-681.	5.0	59
23	Absence of PD-L1 on tumor cells is associated with reduced MHC I expression and PD-L1 expression increases in recurrent serous ovarian cancer. Scientific Reports, 2017, 7, 42929.	1.6	59
24	Automated, on-line two-dimensional nano liquid chromatography tandem mass spectrometry for rapid analysis of complex protein digests. Proteomics, 2004, 4, 2545-2557.	1.3	56
25	Integrative Systemic and Local Metabolomics with Impact on Survival in High-Grade Serous Ovarian Cancer. Clinical Cancer Research, 2017, 23, 2081-2092.	3.2	55
26	Quantitative assessment of human serum highâ€abundance protein depletion. Electrophoresis, 2008, 29, 4316-4323.	1.3	54
27	Hydrogen peroxide mediates EGCG-induced antioxidant protection in human keratinocytes. Free Radical Biology and Medicine, 2010, 49, 1444-1452.	1.3	54
28	Mass Spectrometry Uncovers Molecular Reactivities of Coordination and Organometallic Gold(III) Drug Candidates in Competitive Experiments That Correlate with Their Biological Effects. Inorganic Chemistry, 2016, 55, 4248-4259.	1.9	53
29	MULTIOMIC PATTERNS IN BODY FLUIDS: TECHNOLOGICAL CHALLENGE WITH A GREAT POTENTIAL TO IMPLEMENT THE ADVANCED PARADIGM OF 3P MEDICINE. Mass Spectrometry Reviews, 2020, 39, 442-451.	2.8	53
30	Entering a New Era of Rational Biomarker Discovery for Early Detection of Melanoma Metastases: Secretome Analysis of Associated Stroma Cells. Journal of Proteome Research, 2009, 8, 2501-2510.	1.8	51
31	Combined transcriptome and proteome profiling reveals specific molecular brain signatures for sex, maturation and circalunar clock phase. ELife, 2019, 8, .	2.8	51
32	Differential nuclear localization and nuclear matrix association of the splicing factors PSF and PTB. Journal of Cellular Biochemistry, 2000, 76, 559-566.	1.2	50
33	MSH3-Deficiency Initiates EMAST without Oncogenic Transformation of Human Colon Epithelial Cells. PLoS ONE, 2012, 7, e50541.	1.1	50
34	Comprehensive Assessment of Proteins Regulated by Dexamethasone Reveals Novel Effects in Primary Human Peripheral Blood Mononuclear Cells. Journal of Proteome Research, 2014, 13, 5989-6000.	1.8	50
35	Multi-omics Analysis of Serum Samples Demonstrates Reprogramming of Organ Functions Via Systemic Calcium Mobilization and Platelet Activation in Metastatic Melanoma. Molecular and Cellular Proteomics, 2017, 16, 86-99.	2.5	50
36	Corazonin signaling integrates energy homeostasis and lunar phase to regulate aspects of growth and sexual maturation in Platynereis. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 1097-1106.	3.3	50

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37	Similarity between nuclear matrix proteins of various cells revealed by an improved isolation method. , 1998, 71, 363-374.		49
38	Proteome Maps of the Main Human Peripheral Blood Constituents. Journal of Proteome Research, 2009, 8, 3834-3843.	1.8	49
39	Elevated Plasma Levels of Crosslinked Fibrinogen Gamma-chain Dimer Indicate Cancer-related Fibrin Deposition and Fibrinolysis. Thrombosis and Haemostasis, 2001, 85, 494-501.	1.8	48
40	Cytoplasmic Proteome and Secretome Profiles of Differently Stimulated Human Dendritic Cells. Journal of Proteome Research, 2009, 8, 2799-2811.	1.8	48
41	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. Journal of Proteomics, 2012, 75, 2080-2092.	1.2	48
42	iTAP, a novel iRhom interactor, controls TNF secretion by policing the stability of iRhom/TACE. ELife, 2018, 7, .	2.8	47
43	Schwann cell plasticity regulates neuroblastic tumor cell differentiation via epidermal growth factor-like protein 8. Nature Communications, 2021, 12, 1624.	5.8	47
44	Increased protein synthesis by cells exposed to a 1,800-MHz radio-frequency mobile phone electromagnetic field, detected by proteome profiling. International Archives of Occupational and Environmental Health, 2010, 83, 691-702.	1.1	46
45	Extracellular Matrix Remodeling by Bone Marrow Fibroblast-like Cells Correlates with Disease Progression in Multiple Myeloma. Journal of Proteome Research, 2014, 13, 844-854.	1.8	46
46	The Presence of Active Brown Adipose Tissue Determines Cold-Induced Energy Expenditure and Oxylipin Profiles in Humans. Journal of Clinical Endocrinology and Metabolism, 2020, 105, 2203-2216.	1.8	46
47	Reassembling proteins and chaperones in human nuclear matrix protein fractions. Journal of Cellular Biochemistry, 1999, 74, 145-151.	1.2	45
48	Glutamine deficiency renders human monocytic cells more susceptible to specific apoptosis triggers. Surgery, 2002, 131, 75-80.	1.0	45
49	Sensitivity towards the GRP78 inhibitor KP1339/IT-139 is characterized by apoptosis induction via caspase 8 upon disruption of ER homeostasis. Cancer Letters, 2017, 404, 79-88.	3.2	44
50	Proteome signatures of inflammatory activated primary human peripheral blood mononuclear cells. Journal of Proteomics, 2012, 76, 150-162.	1.2	43
51	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. Analytica Chimica Acta, 2017, 981, 106-115.	2.6	42
52	Peroxisome Proliferator-Activated Receptors (PPAR)Î³ Agonists as Master Modulators of Tumor Tissue. International Journal of Molecular Sciences, 2018, 19, 3540.	1.8	42
53	An Organometallic Gold(I) Bisâ€Nâ€Heterocyclic Carbene Complex with Multimodal Activity in Ovarian Cancer Cells. Chemistry - A European Journal, 2020, 26, 15528-15537.	1.7	42
54	Caspase-9 plays a marginal role in serum starvation-induced apoptosis. Experimental Cell Research, 2005, 302, 115-128.	1.2	41

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55	Contribution of Human Fibroblasts and Endothelial Cells to the Hallmarks of Inflammation as Determined by Proteome Profiling. Molecular and Cellular Proteomics, 2016, 15, 1982-1997.	2.5	41
56	New cellular tools reveal complex epithelialâ€“mesenchymal interactions in hepatocarcinogenesis. British Journal of Cancer, 2008, 99, 151-159.	2.9	40
57	Identification and Characterization of the Ubiquitously Occurring Nuclear Matrix Protein NMP 238. Biochemical and Biophysical Research Communications, 1998, 252, 39-45.	1.0	39
58	A platelet protein biochip rapidly detects an Alzheimerâ€™s disease-specific phenotype. Acta Neuropathologica, 2014, 128, 665-677.	3.9	39
59	Role of the immune system in the peritoneal tumor spread of high grade serous ovarian cancer. Oncotarget, 2016, 7, 61336-61354.	0.8	39
60	Interaction with Ribosomal Proteins Accompanies Stress Induction of the Anticancer Metallodrug BOLDâ€100/KP1339 in the Endoplasmic Reticulum. Angewandte Chemie - International Edition, 2021, 60, 5063-5068.	7.2	39
61	Transplantation of human amnion prevents recurring adhesions and ameliorates fibrosis in a rat model of sciatic nerve scarring. Acta Biomaterialia, 2018, 66, 335-349.	4.1	38
62	Plasma from Cancer Patients Featuring a Characteristic Protein Composition Mediates Protection against Apoptosis. Molecular and Cellular Proteomics, 2002, 1, 387-393.	2.5	37
63	Neutrophil Extracellular Trap Formation Correlates with Favorable Overall Survival in High Grade Ovarian Cancer. Cancers, 2020, 12, 505.	1.7	37
64	The fate of the nuclear matrix-associated-region-binding protein SATB1 during apoptosis. Cell Death and Differentiation, 2000, 7, 425-438.	5.0	36
65	Randomised clinical study: the effects of oral taurine 6g/day vs placebo on portal hypertension. Alimentary Pharmacology and Therapeutics, 2018, 47, 86-94.	1.9	36
66	Proteome Profiling of Breast Cancer Biopsies Reveals a Wound Healing Signature of Cancer-Associated Fibroblasts. Journal of Proteome Research, 2014, 13, 4773-4782.	1.8	35
67	Consequences of transition from liquid chromatography to supercritical fluid chromatography on the overall performance of a chiral zwitterionic ion-exchanger. Journal of Chromatography A, 2017, 1517, 165-175.	1.8	35
68	Discovery of methylfarnesoate as the annelid brain hormone reveals an ancient role of sesquiterpenoids in reproduction. ELife, 2016, 5, .	2.8	34
69	Identification of Human Common Nuclear-Matrix Proteins as Heterogeneous Nuclear Ribonucleoproteins H and H' by Sequencing and Mass Spectrometry. FEBS Journal, 1997, 244, 479-486.	0.2	33
70	Combined Proteome and Eicosanoid Profiling Approach for Revealing Implications of Human Fibroblasts in Chronic Inflammation. Analytical Chemistry, 2017, 89, 1945-1954.	3.2	33
71	hNMP 200: A Novel Human Common Nuclear Matrix Protein Combining Structural and Regulatory Functions. Experimental Cell Research, 2000, 261, 166-179.	1.2	32
72	Reduced stress tolerance of glutamine-deprived human monocytic cells is associated with selective down-regulation of Hsp70 by decreased mRNA stability. Journal of Molecular Medicine, 2006, 84, 147-158.	1.7	32

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73	Increased soluble serum markers caspaseâ€cleaved cytokeratinâ€18, histones, and ST2 indicate apoptotic turnover and chronic immune response in COPD. Journal of Clinical Laboratory Analysis, 2009, 23, 372-379.	0.9	32
74	RNAi-mediated silencing of TEL/AML1 reveals a heat-shock proteinâ€“ and survivin-dependent mechanism for survival. Blood, 2007, 109, 2607-2610.	0.6	31
75	Introducing a new parameter for quality control of proteome profiles: Consideration of commonly expressed proteins. Electrophoresis, 2009, 30, 1306-1328.	1.3	31
76	Chiral separation of new designer drugs (Cathinones) on chiral ion-exchange type stationary phases. Journal of Pharmaceutical and Biomedical Analysis, 2016, 120, 306-315.	1.4	30
77	Response Profiling Using Shotgun Proteomics Enables Global Metallodrug Mechanisms of Action To Be Established. Chemistry - A European Journal, 2017, 23, 1881-1890.	1.7	30
78	Metabolic, Anti-apoptotic and Immune Evasion Strategies of Primary Human Myeloma Cells Indicate Adaptations to Hypoxia*. Molecular and Cellular Proteomics, 2019, 18, 936-953.	2.5	30
79	Determination of a Tumor-Promoting Microenvironment in Recurrent Medulloblastoma: A Multi-Omics Study of Cerebrospinal Fluid. Cancers, 2020, 12, 1350.	1.7	30
80	Two-dimensional electrophoresis reveals a nuclear matrix-associated nucleolin complex of basic isoelectric point. Electrophoresis, 1997, 18, 2645-2653.	1.3	29
81	A novel mechanism for mitogenic signaling via pro-transforming growth factor Î± within hepatocyte nuclei. Hepatology, 2002, 35, 1372-1380.	3.6	29
82	3,3â€²,4,4â€²,5,5â€²-Hexahydroxystilbene Impairs Melanoma Progression in a Metastatic Mouse Model. Journal of Investigative Dermatology, 2010, 130, 1668-1679.	0.3	29
83	Quantification of the neurotransmitters melatonin and N-acetyl-serotonin in human serum by supercritical fluid chromatography coupled with tandem mass spectrometry. Analytica Chimica Acta, 2016, 937, 168-174.	2.6	29
84	Phosphoproteome and transcriptome analysis of the neuronal response to a CDK5 inhibitor. Proteomics, 2005, 5, 1299-1307.	1.3	28
85	NECTIN4 (PVRL4) as Putative Therapeutic Target for a Specific Subtype of High Grade Serous Ovarian Cancerâ€”An Integrative Multi-Omics Approach. Cancers, 2019, 11, 698.	1.7	28
86	Proteome Analysis Identified the PPARÎ³ Ligand 15d-PGJ2 as a Novel Drug Inhibiting Melanoma Progression and Interfering with Tumor-Stroma Interaction. PLoS ONE, 2012, 7, e46103.	1.1	28
87	Finger sweat analysis enables short interval metabolic biomonitoring in humans. Nature Communications, 2021, 12, 5993.	5.8	28
88	Nuclear matrix proteins specific for subtypes of human hematopoietic cells. , 1999, 72, 470-482.		27
89	A Human Common Nuclear Matrix Protein Homologous to Eukaryotic Translation Initiation Factor 4A. Biochemical and Biophysical Research Communications, 2000, 267, 339-344.	1.0	27
90	Vemurafenib Resistance Signature by Proteome Analysis Offers New Strategies and Rational Therapeutic Concepts. Molecular Cancer Therapeutics, 2015, 14, 757-768.	1.9	27

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91	Exploring the role of sphingolipid machinery during the epithelial to mesenchymal transition program using an integrative approach. Oncotarget, 2016, 7, 22295-22323.	0.8	27
92	Clinical Efficacy of a Novel Therapeutic Principle, Anakoinosis. Frontiers in Pharmacology, 2018, 9, 1357.	1.6	26
93	Time-dependent shotgun proteomics revealed distinct effects of an organoruthenium prodrug and its activation product on colon carcinoma cells. Metallomics, 2019, 11, 118-127.	1.0	26
94	Proteomic identification of a marker signature for <scp>MAPK</scp> i resistance in melanoma. EMBO Journal, 2019, 38, e95874.	3.5	26
95	Plasticity of fibroblasts demonstrated by tissue-specific and function-related proteome profiling. Clinical Proteomics, 2014, 11, 41.	1.1	25
96	Proteome analysis identifies L1CAM/CD171 and DPP4/CD26 as novel markers of human skin mast cells. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 85-97.	2.7	25
97	Introducing the CPL/MUW proteome database: Interpretation of human liver and liver cancer proteome profiles by referring to isolated primary cells. Electrophoresis, 2009, 30, 2076-2089.	1.3	24
98	Pomegranate seed oil in women with menopausal symptoms. Menopause, 2012, 19, 426-432.	0.8	24
99	Functional Classification of Cellular Proteome Profiles Support the Identification of Drug Resistance Signatures in Melanoma Cells. Journal of Proteome Research, 2013, 12, 3264-3276.	1.8	24
100	Seasonal variation in UVA light drives hormonal and behavioural changes in a marine annelid via a ciliary opsin. Nature Ecology and Evolution, 2021, 5, 204-218.	3.4	24
101	Coffee consumption modulates inflammatory processes in an individual fashion. Molecular Nutrition and Food Research, 2016, 60, 2529-2541.	1.5	23
102	Towards a standardized human proteome database: Quantitative proteome profiling of living cells. Proteomics, 2004, 4, 1314-1323.	1.3	22
103	Targeting breast cancer-associated fibroblasts to improve anti-cancer therapy. Breast, 2015, 24, 532-538.	0.9	21
104	Published and Perished? The Influence of the Searched Protein Database on the Long-Term Storage of Proteomics Data. Molecular and Cellular Proteomics, 2011, 10, M111.008490.	2.5	20
105	Impact of a synthetic cannabinoid (CP-47,497-C8) on protein expression in human cells: evidence for induction of inflammation and DNA damage. Archives of Toxicology, 2016, 90, 1369-1382.	1.9	20
106	Lowâ€€generation Polyamidoamine Dendrimers as Drug Carriers for Platinum(IV) Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 1713-1720.	1.0	20
107	Structural Similarity with Cholesterol Reveals Crucial Insights into Mechanisms Sustaining the Immunomodulatory Activity of the Mycotoxin Alternariol. Cells, 2020, 9, 847.	1.8	20
108	Octenidine-based hydrogel shows anti-inflammatory and protease-inhibitory capacities in wounded human skin. Scientific Reports, 2021, 11, 32.	1.6	20

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109	Knowledge-based proteome profiling: Considering identified proteins to evaluate separation efficiency by 2-D PAGE. Electrophoresis, 2006, 27, 2712-2721.	1.3	19
110	A combined proteomic and genetic analysis of the highly variable platelet proteome: From plasmatic proteins and SNPs. Journal of Proteomics, 2012, 75, 5848-5860.	1.2	19
111	Myofibroblasts are important contributors to human hepatocellular carcinoma: Evidence for tumor promotion by proteome profiling. Electrophoresis, 2013, 34, 3315-3325.	1.3	19
112	Proteome Analysis Reveals Distinct Mitochondrial Functions Linked to Interferon Response Patterns in Activated CD4+ and CD8+ T Cells. Frontiers in Pharmacology, 2019, 10, 727.	1.6	19
113	Landscape of Bone Marrow Metastasis in Human Neuroblastoma Unraveled by Transcriptomics and Deep Multiplex Imaging. Cancers, 2021, 13, 4311.	1.7	19
114	Human intestinal bitter taste receptors regulate innate immune responses and metabolic regulators in obesity. Journal of Clinical Investigation, 2022, 132, .	3.9	18
115	bFGF rescues 423-cells from serum starvation-induced apoptosis downstream of activated caspase-3. FEBS Letters, 2004, 573, 19-25.	1.3	17
116	Proteome alterations induced in human white blood cells by consumption of Brussels sprouts: Results of a pilot intervention study. Proteomics - Clinical Applications, 2008, 2, 108-117.	0.8	17
117	Proteomic profiling identifies markers for inflammation-related tumorâ€“fibroblast interaction. Clinical Proteomics, 2017, 14, 33.	1.1	17
118	Proteomics-based insights into mitogen-activated protein kinase inhibitor resistance of cerebral melanoma metastases. Clinical Proteomics, 2018, 15, 13.	1.1	17
119	Anakoinosis: Correcting Aberrant Homeostasis of Cancer Tissueâ€”Going Beyond Apoptosis Induction. Frontiers in Oncology, 2019, 9, 1408.	1.3	17
120	Determination of cell typeâ€specific proteome signatures of primary human leukocytes, endothelial cells, keratinocytes, hepatocytes, fibroblasts and melanocytes by comparative proteome profiling. Electrophoresis, 2014, 35, 1428-1438.	1.3	16
121	Curcumin exerts its antitumor effects in a context dependent fashion. Journal of Proteomics, 2018, 182, 65-72.	1.2	16
122	Deoxynivalenol induces structural alterations in epidermoid carcinoma cells A431 and impairs the response to biomechanical stimulation. Scientific Reports, 2018, 8, 11351.	1.6	16
123	Fetal articular cartilage regeneration versus adult fibrocartilaginous repair: secretome proteomics unravels molecular mechanisms in an ovine model. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	16
124	Lipid dropletâ€mediated scavenging as novel intrinsic and adaptive resistance factor against the multikinase inhibitor ponatinib. International Journal of Cancer, 2020, 147, 1680-1693.	2.3	16
125	Proteomics-Enriched Prediction Model for Poor Neurologic Outcome in Cardiac Arrest Survivors*. Critical Care Medicine, 2020, 48, 167-175.	0.4	16
126	Daily Caffeine Intake Induces Concentration-Dependent Medial Temporal Plasticity in Humans: A Multimodal Double-Blind Randomized Controlled Trial. Cerebral Cortex, 2021, 31, 3096-3106.	1.6	16

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127	Common nuclear matrix proteins in rat tissues. Electrophoresis, 1997, 18, 2109-2115.	1.3	15
128	A method to produce Ponceau replicas from blots: Application for Western analysis. Electrophoresis, 2000, 21, 523-525.	1.3	15
129	Glutamine starvation of monocytes inhibits the ubiquitinâ€“proteasome proteolytic pathway. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2003, 1638, 138-148.	1.8	15
130	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. Journal of Neural Transmission, 2011, 118, 653-662.	1.4	15
131	Quantification of cytokines secreted by primary human cells using multiple reaction monitoring: evaluation of analytical parameters. Analytical and Bioanalytical Chemistry, 2015, 407, 6525-6536.	1.9	15
132	Eicosanoid Content in Fetal Calf Serum Accounts for Reproducibility Challenges in Cell Culture. Biomolecules, 2021, 11, 113.	1.8	15
133	GPDE: A biological proteomic database for biomarker discovery and evaluation. Proteomics, 2011, 11, 1000-1004.	1.3	14
134	Ein Organorutheniumâ€Tumortherapeutikum mit unerwartet hoher SelektivitÃt fÃ¼r Plectin. Angewandte Chemie, 2017, 129, 8379-8383.	1.6	14
135	Mobile phone specific electromagnetic fields induce transient DNA damage and nucleotide excision repair in serum-deprived human glioblastoma cells. PLoS ONE, 2018, 13, e0193677.	1.1	14
136	Novel non-canonical role of STAT1 in Natural Killer cell cytotoxicity. OncoImmunology, 2016, 5, e1186314.	2.1	13
137	Covalent dimerization of interleukinâ€like epithelialâ€toâ€mesenchymal transition (EMT) inducer (ILEI) facilitates EMT, invasion, and late aspects of metastasis. FEBS Journal, 2017, 284, 3484-3505.	2.2	13
138	Membrane disruption, but not metabolic rewiring, is the key mechanism of anticancer-action of FASN-inhibitors: a multi-omics analysis in ovarian cancer. Scientific Reports, 2020, 10, 14877.	1.6	13
139	EGF Induces Migration Independent of EMT or Invasion in A549 Lung Adenocarcinoma Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 634371.	1.8	13
140	Morphoâ€metabotyping the oxidative stress response. Scientific Reports, 2021, 11, 15471.	1.6	13
141	Gendered burial practices of early Bronze Age children align with peptide-based sex identification: A case study from Franzhausen I, Austria. Journal of Archaeological Science, 2022, 139, 105549.	1.2	13
142	Consequences of Acute and Chronic Oxidative Stress upon the Expression Pattern of Proteins in Peripheral Blood Mononuclear Cells. Journal of Proteome Research, 2008, 7, 5138-5147.	1.8	12
143	The cytoplasmic tail of CD45 is released from activated phagocytes and can act as an inhibitory messenger for T cells. Blood, 2008, 112, 1240-1248.	0.6	12
144	Proteomics reveals acute proâ€inflammatory and protective responses in rat Kupffer cells and hepatocytes after chemical initiation of liver cancer and after LPS and ILâ€6. Proteomics - Clinical Applications, 2009, 3, 947-967.	0.8	12

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145	The Challenge of Classifying Metastatic Cell Properties by Molecular Profiling Exemplified with Cutaneous Melanoma Cells and Their Cerebral Metastasis from Patient Derived Mouse Xenografts. Molecular and Cellular Proteomics, 2020, 19, 478-489.	2.5	12
146	Sensing of Proteins by ICD Response of Iron(II) Clathrochelates Functionalized by Carboxyalkylsulfide Groups. Biomolecules, 2020, 10, 1602.	1.8	11
147	Exploring the dermotoxicity of the mycotoxin deoxynivalenol: combined morphologic and proteomic profiling of human epidermal cells reveals alteration of lipid biosynthesis machinery and membrane structural integrity relevant for skin barrier function. Archives of Toxicology, 2021, 95, 2201-2221.	1.9	11
148	Metabo-tip: a metabolomics platform for lifestyle monitoring supporting the development of novel strategies in predictive, preventive and personalised medicine. EPMA Journal, 2021, 12, 141-153.	3.3	11
149	Molecular Mechanisms of Fetal Tendon Regeneration Versus Adult Fibrous Repair. International Journal of Molecular Sciences, 2021, 22, 5619.	1.8	11
150	Secretome Proteomics, a Novel Tool for Biomarkers Discovery and for Guiding Biomodulatory Therapy Approaches. , 2010, , 405-431.		11
151	Phenobarbital Induces Alterations in the Proteome of Hepatocytes and Mesenchymal Cells of Rat Livers. PLoS ONE, 2013, 8, e76137.	1.1	10
152	Metabolic phenotyping of tear fluid as a prognostic tool for personalised medicine exemplified by T2DM patients. EPMA Journal, 2022, 13, 107-123.	3.3	10
153	Proteomic profiling of acute coronary thrombosis reveals a local decrease in pigment epithelium-derived factor in acute myocardial infarction. Clinical Science, 2012, 123, 111-119.	1.8	9
154	Evaluation of inflammation-related signaling events covering phosphorylation and nuclear translocation of proteins based on mass spectrometry data. Journal of Proteomics, 2017, 152, 161-171.	1.2	9
155	Packed red blood cells inhibit T-cell activation via ROS-dependent signaling pathways. Journal of Biological Chemistry, 2021, 296, 100487.	1.6	9
156	Inward Outward Signaling in Ovarian Cancer: Morpho-Phospho-Proteomic Profiling Upon Application of Hypoxia and Shear Stress Characterizes the Adaptive Plasticity of OVCAR-3 and SKOV-3 Cells. Frontiers in Oncology, 2021, 11, 746411.	1.3	9
157	Divide and conquer: Rat liver tissue proteomics based on the analysis of purified constituents. Electrophoresis, 2006, 27, 4112-4120.	1.3	8
158	EGCG-meditated cyto- and genotoxicity in HaCat keratinocytes is impaired by cell-mediated clearance of auto-oxidation-derived H2O2: An algorithm for experimental setting correction. Toxicology Letters, 2011, 205, 173-182.	0.4	8
159	Quantitative proteomics reveals protein kinases and phosphatases in the individual phases of contextual fear conditioning in the C57BL/6J mouse. Behavioural Brain Research, 2016, 303, 208-217.	1.2	8
160	Glycated hemoglobin concentrations of red blood cells minimally increase during storage under standard blood banking conditions. Transfusion, 2019, 59, 454-457.	0.8	7
161	Interaction of Mesalasine (5-ASA) with Translational Initiation Factors eIF4 Partially Explains 5-ASA Anti-Inflammatory and Anti-Neoplastic Activities. Medicinal Chemistry, 2011, 7, 92-98.	0.7	7
162	A novel nanobody as therapeutics target for EGFR-positive colorectal cancer therapy: exploring the effects of the nanobody on SW480 cells using proteomics approach. Proteome Science, 2022, 20, 9.	0.7	7

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163	Proteome profiling of keratinocytes transforming to malignancy. Electrophoresis, 2015, 36, 564-576.	1.3	6
164	Hepatocyte specific expression of an oncogenic variant of Î²-catenin results in lethal metabolic dysfunction in mice. Oncotarget, 2018, 9, 11243-11257.	0.8	6
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