

Christopher Gerner

List of Publications by Year in descending order

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189
papers

7,128
citations

66234

42
h-index

85405

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. <i>Cell</i> , 2008, 135, 462-474.	13.5	546
2	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, 12815-12819.	3.3	475
3	Structure-activity relationships for ruthenium and osmium anticancer agents towards clinical development. <i>Chemical Society Reviews</i> , 2018, 47, 909-928.	18.7	330
4	Serum Amyloid A in Uremic HDL Promotes Inflammation. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 934-947.	3.0	194
5	Cancer-associated fibroblast-derived WNT2 increases tumor angiogenesis in colon cancer. <i>Angiogenesis</i> , 2020, 23, 159-177.	3.7	174
6	The Fas-induced Apoptosis Analyzed by High Throughput Proteome Analysis. <i>Journal of Biological Chemistry</i> , 2000, 275, 39018-39026.	1.6	151
7	Cell death and autophagy: Cytokines, drugs, and nutritional factors. <i>Toxicology</i> , 2008, 254, 147-157.	2.0	118
8	Local complement activation triggers neutrophil recruitment to the site of thrombus formation in acute myocardial infarction. <i>Thrombosis and Haemostasis</i> , 2009, 102, 564-572.	1.8	103
9	Use of conventional and -omics based methods for health claims of dietary antioxidants: a critical overview. <i>British Journal of Nutrition</i> , 2008, 99, ES3-ES52.	1.2	101
10	An Organoruthenium Anticancer Agent Shows Unexpected Target Selectivity For Plectin. <i>Angewandte Chemie - International Edition</i> , 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. <i>Journal of Proteome Research</i> , 2010, 9, 6-21.	1.8	88
12	Phosphorylation of iRhom2 Controls Stimulated Proteolytic Shedding by the Metalloprotease ADAM17/TACE. <i>Cell Reports</i> , 2017, 21, 745-757.	2.9	86
13	Inhibition of the mevalonate pathway affects epigenetic regulation in cancer cells. <i>Cancer Genetics</i> , 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. <i>Molecular and Cellular Proteomics</i> , 2002, 1, 528-537.	2.5	83
15	A novel technique to specifically analyze the secretome of cells and tissues. <i>Electrophoresis</i> , 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. <i>Glia</i> , 2016, 64, 2133-2153.	2.5	77
17	Purification and characterization of tyrosinase from walnut leaves (<i>Juglans regia</i>). <i>Phytochemistry</i> , 2014, 101, 5-15.	1.4	74
18	Irradiated cultured apoptotic peripheral blood mononuclear cells regenerate infarcted myocardium. <i>European Journal of Clinical Investigation</i> , 2009, 39, 445-456.	1.7	66

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19	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.	1.1	64
20	Proteomics and metabolomics identify molecular mechanisms of aging potentially predisposing for chronic lymphocytic leukemia. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 290-303.	2.5	62
21	2A Proteinase of Human Rhinovirus Cleaves Cytokeratin 8 in Infected HeLa Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 20084-20089.	1.6	60
22	Proteome analysis of nuclear matrix proteins during apoptotic chromatin condensation. <i>Cell Death and Differentiation</i> , 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. <i>Scientific Reports</i> , 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. <i>Proteomics</i> , 2004, 4, 2545-2557.	1.3	56
25	Integrative Systemic and Local Metabolomics with Impact on Survival in High-Grade Serous Ovarian Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 2081-2092.	3.2	55
26	Quantitative assessment of human serum high abundance protein depletion. <i>Electrophoresis</i> , 2008, 29, 4316-4323.	1.3	54
27	Hydrogen peroxide mediates EGCG-induced antioxidant protection in human keratinocytes. <i>Free Radical Biology and Medicine</i> , 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. <i>Inorganic Chemistry</i> , 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. <i>Mass Spectrometry Reviews</i> , 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. <i>Journal of Proteome Research</i> , 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. <i>ELife</i> , 2019, 8, .	2.8	51
32	Differential nuclear localization and nuclear matrix association of the splicing factors PSF and PTB. <i>Journal of Cellular Biochemistry</i> , 2000, 76, 559-566.	1.2	50
33	MSH3-Deficiency Initiates EMT without Oncogenic Transformation of Human Colon Epithelial Cells. <i>PLoS ONE</i> , 2012, 7, e50541.	1.1	50
34	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.	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. <i>Molecular and Cellular Proteomics</i> , 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 <i>Platynereis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 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) β Agonists as Master Modulators of Tumor Tissue. International Journal of Molecular Sciences, 2018, 19, 3540.	1.8	42
53	An Organometallic Gold(I) Bis π -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. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1982-1997.	2.5	41
56	New cellular tools reveal complex epithelialâ€mesenchymal interactions in hepatocarcinogenesis. <i>British Journal of Cancer</i> , 2008, 99, 151-159.	2.9	40
57	Identification and Characterization of the Ubiquitously Occurring Nuclear Matrix Protein NMP 238. <i>Biochemical and Biophysical Research Communications</i> , 1998, 252, 39-45.	1.0	39
58	A platelet protein biochip rapidly detects an Alzheimerâ€™s disease-specific phenotype. <i>Acta Neuropathologica</i> , 2014, 128, 665-677.	3.9	39
59	Role of the immune system in the peritoneal tumor spread of high grade serous ovarian cancer. <i>Oncotarget</i> , 2016, 7, 61336-61354.	0.8	39
60	Interaction with Ribosomal Proteins Accompanies Stress Induction of the Anticancer Metalloprotein BOLDâ€100/KP1339 in the Endoplasmic Reticulum. <i>Angewandte Chemie - International Edition</i> , 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. <i>Acta Biomaterialia</i> , 2018, 66, 335-349.	4.1	38
62	Plasma from Cancer Patients Featuring a Characteristic Protein Composition Mediates Protection against Apoptosis. <i>Molecular and Cellular Proteomics</i> , 2002, 1, 387-393.	2.5	37
63	Neutrophil Extracellular Trap Formation Correlates with Favorable Overall Survival in High Grade Ovarian Cancer. <i>Cancers</i> , 2020, 12, 505.	1.7	37
64	The fate of the nuclear matrix-associated-region-binding protein SATB1 during apoptosis. <i>Cell Death and Differentiation</i> , 2000, 7, 425-438.	5.0	36
65	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.	1.9	36
66	Proteome Profiling of Breast Cancer Biopsies Reveals a Wound Healing Signature of Cancer-Associated Fibroblasts. <i>Journal of Proteome Research</i> , 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. <i>Journal of Chromatography A</i> , 2017, 1517, 165-175.	1.8	35
68	Discovery of methylfarnesoate as the annelid brain hormone reveals an ancient role of sesquiterpenoids in reproduction. <i>ELife</i> , 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. <i>FEBS Journal</i> , 1997, 244, 479-486.	0.2	33
70	Combined Proteome and Eicosanoid Profiling Approach for Revealing Implications of Human Fibroblasts in Chronic Inflammation. <i>Analytical Chemistry</i> , 2017, 89, 1945-1954.	3.2	33
71	hNMP 200: A Novel Human Common Nuclear Matrix Protein Combining Structural and Regulatory Functions. <i>Experimental Cell Research</i> , 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. <i>Journal of Molecular Medicine</i> , 2006, 84, 147-158.	1.7	32

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73	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, 372-379.	0.9	32
74	RNAi-mediated silencing of TEL/AML1 reveals a heat-shock protein and survivin-dependent mechanism for survival. <i>Blood</i> , 2007, 109, 2607-2610.	0.6	31
75	Introducing a new parameter for quality control of proteome profiles: Consideration of commonly expressed proteins. <i>Electrophoresis</i> , 2009, 30, 1306-1328.	1.3	31
76	Chiral separation of new designer drugs (Cathinones) on chiral ion-exchange type stationary phases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 120, 306-315.	1.4	30
77	Response Profiling Using Shotgun Proteomics Enables Global Metalloprotein Mechanisms of Action To Be Established. <i>Chemistry - A European Journal</i> , 2017, 23, 1881-1890.	1.7	30
78	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.	2.5	30
79	Determination of a Tumor-Promoting Microenvironment in Recurrent Medulloblastoma: A Multi-Omics Study of Cerebrospinal Fluid. <i>Cancers</i> , 2020, 12, 1350.	1.7	30
80	Two-dimensional electrophoresis reveals a nuclear matrix-associated nucleolin complex of basic isoelectric point. <i>Electrophoresis</i> , 1997, 18, 2645-2653.	1.3	29
81	A novel mechanism for mitogenic signaling via pro-transforming growth factor β within hepatocyte nuclei. <i>Hepatology</i> , 2002, 35, 1372-1380.	3.6	29
82	3,3',4,4',5,5'-Hexahydroxystilbene Impairs Melanoma Progression in a Metastatic Mouse Model. <i>Journal of Investigative Dermatology</i> , 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. <i>Analytica Chimica Acta</i> , 2016, 937, 168-174.	2.6	29
84	Phosphoproteome and transcriptome analysis of the neuronal response to a CDK5 inhibitor. <i>Proteomics</i> , 2005, 5, 1299-1307.	1.3	28
85	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, 698.	1.7	28
86	Proteome Analysis Identified the PPAR β Ligand 15d-PGJ2 as a Novel Drug Inhibiting Melanoma Progression and Interfering with Tumor-Stroma Interaction. <i>PLoS ONE</i> , 2012, 7, e46103.	1.1	28
87	Finger sweat analysis enables short interval metabolic biomonitoring in humans. <i>Nature Communications</i> , 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. <i>Biochemical and Biophysical Research Communications</i> , 2000, 267, 339-344.	1.0	27
90	Vemurafenib Resistance Signature by Proteome Analysis Offers New Strategies and Rational Therapeutic Concepts. <i>Molecular Cancer Therapeutics</i> , 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. <i>Oncotarget</i> , 2016, 7, 22295-22323.	0.8	27
92	Clinical Efficacy of a Novel Therapeutic Principle, Anakoïnosis. <i>Frontiers in Pharmacology</i> , 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. <i>Metallomics</i> , 2019, 11, 118-127.	1.0	26
94	Proteomic identification of a marker signature for <scp>MAPK</scp> i resistance in melanoma. <i>EMBO Journal</i> , 2019, 38, e95874.	3.5	26
95	Plasticity of fibroblasts demonstrated by tissue-specific and function-related proteome profiling. <i>Clinical Proteomics</i> , 2014, 11, 41.	1.1	25
96	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.	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. <i>Electrophoresis</i> , 2009, 30, 2076-2089.	1.3	24
98	Pomegranate seed oil in women with menopausal symptoms. <i>Menopause</i> , 2012, 19, 426-432.	0.8	24
99	Functional Classification of Cellular Proteome Profiles Support the Identification of Drug Resistance Signatures in Melanoma Cells. <i>Journal of Proteome Research</i> , 2013, 12, 3264-3276.	1.8	24
100	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.	3.4	24
101	Coffee consumption modulates inflammatory processes in an individual fashion. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2529-2541.	1.5	23
102	Towards a standardized human proteome database: Quantitative proteome profiling of living cells. <i>Proteomics</i> , 2004, 4, 1314-1323.	1.3	22
103	Targeting breast cancer-associated fibroblasts to improve anti-cancer therapy. <i>Breast</i> , 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. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M1111.008490.	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. <i>Archives of Toxicology</i> , 2016, 90, 1369-1382.	1.9	20
106	Lowâ€CGeneration Polyamidoamine Dendrimers as Drug Carriers for Platinum(IV) Complexes. <i>European Journal of Inorganic Chemistry</i> , 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. <i>Cells</i> , 2020, 9, 847.	1.8	20
108	Octenidine-based hydrogel shows anti-inflammatory and protease-inhibitory capacities in wounded human skin. <i>Scientific Reports</i> , 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. <i>Electrophoresis</i> , 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. <i>Journal of Proteomics</i> , 2012, 75, 5848-5860.	1.2	19
111	Myofibroblasts are important contributors to human hepatocellular carcinoma: Evidence for tumor promotion by proteome profiling. <i>Electrophoresis</i> , 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. <i>Frontiers in Pharmacology</i> , 2019, 10, 727.	1.6	19
113	Landscape of Bone Marrow Metastasis in Human Neuroblastoma Unraveled by Transcriptomics and Deep Multiplex Imaging. <i>Cancers</i> , 2021, 13, 4311.	1.7	19
114	Human intestinal bitter taste receptors regulate innate immune responses and metabolic regulators in obesity. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	18
115	bFGF rescues 423-cells from serum starvation-induced apoptosis downstream of activated caspase-3. <i>FEBS Letters</i> , 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. <i>Proteomics - Clinical Applications</i> , 2008, 2, 108-117.	0.8	17
117	Proteomic profiling identifies markers for inflammation-related tumor-fibroblast interaction. <i>Clinical Proteomics</i> , 2017, 14, 33.	1.1	17
118	Proteomics-based insights into mitogen-activated protein kinase inhibitor resistance of cerebral melanoma metastases. <i>Clinical Proteomics</i> , 2018, 15, 13.	1.1	17
119	Anakoinosis: Correcting Aberrant Homeostasis of Cancer Tissue-Going Beyond Apoptosis Induction. <i>Frontiers in Oncology</i> , 2019, 9, 1408.	1.3	17
120	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, 1428-1438.	1.3	16
121	Curcumin exerts its antitumor effects in a context dependent fashion. <i>Journal of Proteomics</i> , 2018, 182, 65-72.	1.2	16
122	Deoxynivalenol induces structural alterations in epidermoid carcinoma cells A431 and impairs the response to biomechanical stimulation. <i>Scientific Reports</i> , 2018, 8, 11351.	1.6	16
123	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, .	1.2	16
124	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.	2.3	16
125	Proteomics-Enriched Prediction Model for Poor Neurologic Outcome in Cardiac Arrest Survivors*. <i>Critical Care Medicine</i> , 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. <i>Cerebral Cortex</i> , 2021, 31, 3096-3106.	1.6	16

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127	Common nuclear matrix proteins in rat tissues. <i>Electrophoresis</i> , 1997, 18, 2109-2115.	1.3	15
128	A method to produce Ponceau replicas from blots: Application for Western analysis. <i>Electrophoresis</i> , 2000, 21, 523-525.	1.3	15
129	Glutamine starvation of monocytes inhibits the ubiquitin-proteasome proteolytic pathway. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 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. <i>Journal of Neural Transmission</i> , 2011, 118, 653-662.	1.4	15
131	Quantification of cytokines secreted by primary human cells using multiple reaction monitoring: evaluation of analytical parameters. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6525-6536.	1.9	15
132	Eicosanoid Content in Fetal Calf Serum Accounts for Reproducibility Challenges in Cell Culture. <i>Biomolecules</i> , 2021, 11, 113.	1.8	15
133	GPDE: A biological proteomic database for biomarker discovery and evaluation. <i>Proteomics</i> , 2011, 11, 1000-1004.	1.3	14
134	Ein Organoruthenium-Tumorthapeutikum mit unerwartet hoher Selektivität für Plectin. <i>Angewandte Chemie</i> , 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. <i>PLoS ONE</i> , 2018, 13, e0193677.	1.1	14
136	Novel non-canonical role of STAT1 in Natural Killer cell cytotoxicity. <i>Oncolmmunology</i> , 2016, 5, e1186314.	2.1	13
137	Covalent dimerization of interleukin-like epithelial-mesenchymal transition (EMT) inducer (ILEI) facilitates EMT, invasion, and late aspects of metastasis. <i>FEBS Journal</i> , 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. <i>Scientific Reports</i> , 2020, 10, 14877.	1.6	13
139	EGF Induces Migration Independent of EMT or Invasion in A549 Lung Adenocarcinoma Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 634371.	1.8	13
140	Morpho-metabotyping the oxidative stress response. <i>Scientific Reports</i> , 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. <i>Journal of Archaeological Science</i> , 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. <i>Journal of Proteome Research</i> , 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. <i>Blood</i> , 2008, 112, 1240-1248.	0.6	12
144	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, 947-967.	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. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 478-489.	2.5	12
146	Sensing of Proteins by ICD Response of Iron(II) Clathrochelates Functionalized by Carboxyalkylsulfide Groups. <i>Biomolecules</i> , 2020, 10, 1602.	1.8	11
147	Exploring the dermatotoxicity 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. <i>Archives of Toxicology</i> , 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. <i>EPMA Journal</i> , 2021, 12, 141-153.	3.3	11
149	Molecular Mechanisms of Fetal Tendon Regeneration Versus Adult Fibrous Repair. <i>International Journal of Molecular Sciences</i> , 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. <i>PLoS ONE</i> , 2013, 8, e76137.	1.1	10
152	Metabolic phenotyping of tear fluid as a prognostic tool for personalised medicine exemplified by T2DM patients. <i>EPMA Journal</i> , 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. <i>Clinical Science</i> , 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. <i>Journal of Proteomics</i> , 2017, 152, 161-171.	1.2	9
155	Packed red blood cells inhibit T-cell activation via ROS-dependent signaling pathways. <i>Journal of Biological Chemistry</i> , 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. <i>Frontiers in Oncology</i> , 2021, 11, 746411.	1.3	9
157	Divide and conquer: Rat liver tissue proteomics based on the analysis of purified constituents. <i>Electrophoresis</i> , 2006, 27, 4112-4120.	1.3	8
158	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, 173-182.	0.4	8
159	Quantitative proteomics reveals protein kinases and phosphatases in the individual phases of contextual fear conditioning in the C57BL/6J mouse. <i>Behavioural Brain Research</i> , 2016, 303, 208-217.	1.2	8
160	Glycated hemoglobin concentrations of red blood cells minimally increase during storage under standard blood banking conditions. <i>Transfusion</i> , 2019, 59, 454-457.	0.8	7
161	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, 92-98.	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. <i>Proteome Science</i> , 2022, 20, 9.	0.7	7

#	ARTICLE	IF	CITATIONS
163	Proteome profiling of keratinocytes transforming to malignancy. <i>Electrophoresis</i> , 2015, 36, 564-576.	1.3	6
164	Hepatocyte specific expression of an oncogenic variant of β -catenin results in lethal metabolic dysfunction in mice. <i>Oncotarget</i> , 2018, 9, 11243-11257.	0.8	6
165	Epithelial Cell Line Derived from Endometriotic Lesion Mimics Macrophage Nervous Mechanism of Pain Generation on Proteome and Metabolome Levels. <i>Biomolecules</i> , 2021, 11, 1230.	1.8	6
166	(Review Article) Screening for Disease-Markers and Investigating Drug Effects by Proteome Profiling: Can it Meet Expectations?. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2004, 7, 1-9.	0.6	5
167	Indications for cell stress in response to adenoviral and baculoviral gene transfer observed by proteome profiling of human cancer cells. <i>Electrophoresis</i> , 2010, 31, 1822-1832.	1.3	5
168	Changes of several brain receptor complexes in the cerebral cortex of patients with Alzheimer disease: probable new potential pharmaceutical targets. <i>Amino Acids</i> , 2014, 46, 223-233.	1.2	5
169	Prediction of Neurological Recovery After Cardiac Arrest Using Neurofilament Light Chain is Improved by a Proteomics-Based Multimarker Panel. <i>Neurocritical Care</i> , 2021, , 1.	1.2	5
170	Cognitive profiling and proteomic analysis of the modafinil analogue S-CE-123 in experienced aged rats. <i>Scientific Reports</i> , 2021, 11, 23962.	1.6	5
171	Drug Repurposing by Tumor Tissue Editing. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5
172	Autonomous Inhibition of Apoptosis Correlates with Responsiveness of Colon Carcinoma Cell Lines to Ciglitazone. <i>PLoS ONE</i> , 2014, 9, e114158.	1.1	4
173	Proteomic and Metabolomic Analyses Reveal Contrasting Anti-Inflammatory Effects of an Extract of <i>Mucor Racemosus</i> Secondary Metabolites Compared to Dexamethasone. <i>PLoS ONE</i> , 2015, 10, e0140367.	1.1	4
174	Dichotomous Responses to Chronic Fetal Hypoxia Lead to a Predetermined Aging Phenotype. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100190.	2.5	4
175	Fetal Immunomodulatory Environment Following Cartilage Injury – The Key to CARTILAGE Regeneration?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12969.	1.8	3
176	A Proteomic Platform Enables to Test for AML Normalization In Vitro. <i>Frontiers in Chemistry</i> , 2022, 10, 826346.	1.8	3
177	Die Wechselwirkung mit ribosomalen Proteinen begleitet die Stressinduktion des Wirkstoffkandidaten BOLD-100/KP1339 im endoplasmatischen Retikulum. <i>Angewandte Chemie</i> , 2021, 133, 5121-5126.	1.6	2
178	Catalase Predicts In-Hospital Mortality after Out-of-Hospital Cardiac Arrest. <i>Journal of Clinical Medicine</i> , 2021, 10, 3906.	1.0	1
179	Criticizable Claims for the Validity of Communication Acts in Biological Systems: Therapeutic Implications in Cancer. , 2013, , 169-187.		1
180	A Cellular Proteome Map of Human Multiple Myeloma.. <i>Blood</i> , 2007, 110, 111-111.	0.6	1

#	ARTICLE	IF	CITATIONS
181	Integrative Multi-Omics in Biomedical Research. <i>Biomolecules</i> , 2021, 11, 1527.	1.8	1
182	MS-based methods for identification of 2-DE-resolved proteins. , 2005, , .		0
183	Bioanalysis 2010. <i>Electrophoresis</i> , 2010, 31, 1745-1746.	1.3	0
184	Proteome Analysis Identified the PPAR β Ligand 15d-PGJ2 as a Novel Drug Inhibiting Melanoma Progression and Interfering with Tumor-Stroma Interaction. , 2013, , 101-141.		0
185	InnenrÄ¼cktitelbild: Ein Organorutheniumâ€umorthapeutikum mit unerwartet hoher SelektivitÄt fÄ¼r Plectin (<i>Angew. Chem.</i> 28/2017). <i>Angewandte Chemie</i> , 2017, 129, 8415-8415.	1.6	0
186	Editorial: Tumor Systems Biology: How to Therapeutically Redirect Dysregulated Homeostasis in Tumor Systems (i.e., Anakinosis). <i>Frontiers in Oncology</i> , 2020, 10, 1675.	1.3	0
187	Innentitelbild: Die Wechselwirkung mit ribosomalen Proteinen begleitet die Stressinduktion des Wirkstoffkandidaten BOLDâ€00/KP1339 im endoplasmatischen Retikulum (<i>Angew. Chem.</i> 10/2021). <i>Angewandte Chemie</i> , 2021, 133, 5006-5006.	1.6	0
188	Organometallic Receptors and Conjugates With Biomolecules in Bioorganometallic Chemistry. , 2021, , .		0
189	Secretome Analyses of Primary Bone Marrow Fibroblasts Isolated From MGUS and Multiple Myeloma Show a Stepwise Occurrence of Alterations.. <i>Blood</i> , 2009, 114, 1801-1801.	0.6	0