

Christopher Gerner

List of Publications by Year in Descending Order

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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	Metabolic phenotyping of tear fluid as a prognostic tool for personalised medicine exemplified by T2DM patients.. <i>EPMA Journal</i> , 2022 , 13, 107-123	8.8	1
183	A Proteomic Platform Enables to Test for AML Normalization .. <i>Frontiers in Chemistry</i> , 2022 , 10, 826346	5	0
182	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	2.9	0
181	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	2.6	1
180	Dichotomous responses to chronic fetal hypoxia lead to a predetermined aging phenotype.. <i>Molecular and Cellular Proteomics</i> , 2021 , 100190	7.6	0
179	Human intestinal bitter taste receptors regulate innate immune responses and metabolic regulators in obesity. <i>Journal of Clinical Investigation</i> , 2021 ,	15.9	2
178	Finger sweat analysis enables short interval metabolic biomonitoring in humans. <i>Nature Communications</i> , 2021 , 12, 5993	17.4	5
177	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
176	EGF Induces Migration Independent of EMT or Invasion in A549 Lung Adenocarcinoma Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 634371	5.7	2
175	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	5.8	1
174	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
173	Molecular Mechanisms of Fetal Tendon Regeneration Versus Adult Fibrous Repair. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
172	Morpho-metabotyping the oxidative stress response. <i>Scientific Reports</i> , 2021 , 11, 15471	4.9	3
171	Packed red blood cells inhibit T-cell activation via ROS-dependent signaling pathways. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100487	5.4	4
170	Eicosanoid Content in Fetal Calf Serum Accounts for Reproducibility Challenges in Cell Culture. <i>Biomolecules</i> , 2021 , 11,	5.9	2
169	Die Wechselwirkung mit ribosomalen Proteinen begleitet die Stressinduktion des Wirkstoffkandidaten BOLD-100/KP1339 im endoplasmatischen Retikulum. <i>Angewandte Chemie</i> , 2021 , 133, 5121-5126	3.6	0
168	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

167	Innentitelbild: Die Wechselwirkung mit ribosomalen Proteinen begleitet die Stressinduktion des Wirkstoffkandidaten BOLD-100/KP1339 im endoplasmatischen Retikulum (Angew. Chem. 10/2021). <i>Angewandte Chemie</i> , 2021 , 133, 5006-5006	3.6	
166	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
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,	5.9	1
164	Landscape of Bone Marrow Metastasis in Human Neuroblastoma Unraveled by Transcriptomics and Deep Multiplex Imaging. <i>Cancers</i> , 2021 , 13,	6.6	1
163	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	3.3	0
162	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
161	Octenidine-based hydrogel shows anti-inflammatory and protease-inhibitory capacities in wounded human skin. <i>Scientific Reports</i> , 2021 , 11, 32	4.9	8
160	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	5.3	1
159	Cognitive profiling and proteomic analysis of the modafinil analogue S-CE-123 in experienced aged rats.. <i>Scientific Reports</i> , 2021 , 11, 23962	4.9	1
158	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
157	Determination of a Tumor-Promoting Microenvironment in Recurrent Medulloblastoma: A Multi-Omics Study of Cerebrospinal Fluid. <i>Cancers</i> , 2020 , 12,	6.6	12
156	Neutrophil Extracellular Trap Formation Correlates with Favorable Overall Survival in High Grade Ovarian Cancer. <i>Cancers</i> , 2020 , 12,	6.6	13
155	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
154	Proteomics-Enriched Prediction Model for Poor Neurologic Outcome in Cardiac Arrest Survivors. <i>Critical Care Medicine</i> , 2020 , 48, 167-175	1.4	7
153	The Presence of Active Brown Adipose Tissue Determines Cold-Induced Energy Expenditure and Oxylipin Profiles in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	24
152	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
151	Cancer-associated fibroblast-derived WNT2 increases tumor angiogenesis in colon cancer. <i>Angiogenesis</i> , 2020 , 23, 159-177	10.6	61
150	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

149	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
148	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
147	Sensing of Proteins by ICD Response of Iron(II) Clathrochelates Functionalized by Carboxyalkylsulfide Groups. <i>Biomolecules</i> , 2020 , 10,	5.9	2
146	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
145	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
144	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
143	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
142	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
141	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
140	Proteomic identification of a marker signature for MAPKi resistance in melanoma. <i>EMBO Journal</i> , 2019 , 38, e95874	13	11
139	Anakoinosis: Correcting Aberrant Homeostasis of Cancer Tissue-Going Beyond Apoptosis Induction. <i>Frontiers in Oncology</i> , 2019 , 9, 1408	5.3	5
138	Glycated hemoglobin concentrations of red blood cells minimally increase during storage under standard blood banking conditions. <i>Transfusion</i> , 2019 , 59, 454-457	2.9	3
137	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
136	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
135	Proteomics-based insights into mitogen-activated protein kinase inhibitor resistance of cerebral melanoma metastases. <i>Clinical Proteomics</i> , 2018 , 15, 13	5	8
134	Structure-activity relationships for ruthenium and osmium anticancer agents - towards clinical development. <i>Chemical Society Reviews</i> , 2018 , 47, 909-928	58.5	245
133	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
132	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

131	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
130	Clinical Efficacy of a Novel Therapeutic Principle, Anakoinosis. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1357	5.6	12
129	Peroxisome Proliferator-Activated Receptors (PPAR) Agonists as Master Modulators of Tumor Tissue. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	22
128	Hepatocyte specific expression of an oncogenic variant of Eatenin results in lethal metabolic dysfunction in mice. <i>Oncotarget</i> , 2018 , 9, 11243-11257	3.3	3
127	Curcumin exerts its antitumor effects in a context dependent fashion. <i>Journal of Proteomics</i> , 2018 , 182, 65-72	3.9	10
126	iTAP, a novel iRhom interactor, controls TNF secretion by policing the stability of iRhom/TACE. <i>ELife</i> , 2018 , 7,	8.9	29
125	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
124	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
123	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
122	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
121	An Organoruthenium Anticancer Agent Shows Unexpected Target Selectivity For Plectin. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8267-8271	16.4	71
120	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
119	Phosphorylation of iRhom2 Controls Stimulated Proteolytic Shedding by the Metalloprotease ADAM17/TACE. <i>Cell Reports</i> , 2017 , 21, 745-757	10.6	57
118	Proteomic profiling identifies markers for inflammation-related tumor-fibroblast interaction. <i>Clinical Proteomics</i> , 2017 , 14, 33	5	11
117	Anakoinosis: kommunikative Netzwerke im Tumorsystem reprogrammieren. <i>Im Focus Onkologie</i> , 2017 , 20, 28-31	0	
116	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
115	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
114	Innenrücktitelbild: Ein Organoruthenium-Tumorthapeutikum mit unerwartet hoher Selektivität für Plectin (Angew. Chem. 28/2017). <i>Angewandte Chemie</i> , 2017 , 129, 8415-8415	3.6	

113	Ein Organoruthenium-Tumorthapeutikum mit unerwartet hoher Selektivität für Plectin. <i>Angewandte Chemie</i> , 2017 , 129, 8379-8383	3.6	11
112	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
111	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
110	Response Profiling Using Shotgun Proteomics Enables Global Metalloprotein Mechanisms of Action To Be Established. <i>Chemistry - A European Journal</i> , 2017 , 23, 1881-1890	4.8	23
109	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	3.9	3
108	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
107	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
106	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
105	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
104	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
103	Coffee consumption modulates inflammatory processes in an individual fashion. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2529-2541	5.9	15
102	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
101	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
100	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
99	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
98	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
97	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
96	Discovery of methylfarnesoate as the annelid brain hormone reveals an ancient role of sesquiterpenoids in reproduction. <i>ELife</i> , 2016 , 5,	8.9	22

95	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
94	Novel non-canonical role of STAT1 in Natural Killer cell cytotoxicity. <i>Oncotmunology</i> , 2016 , 5, e11863147.2	4.2	10
93	Targeting breast cancer-associated fibroblasts to improve anti-cancer therapy. <i>Breast</i> , 2015 , 24, 532-8	3.6	18
92	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
91	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
90	Inhibition of the mevalonate pathway affects epigenetic regulation in cancer cells. <i>Cancer Genetics</i> , 2015 , 208, 241-52	2.3	60
89	Proteome profiling of keratinocytes transforming to malignancy. <i>Electrophoresis</i> , 2015 , 36, 564-76	3.6	5
88	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	3.7	4
87	Purification and characterization of tyrosinase from walnut leaves (<i>Juglans regia</i>). <i>Phytochemistry</i> , 2014 , 101, 5-15	4	61
86	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
85	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
84	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
83	Plasticity of fibroblasts demonstrated by tissue-specific and function-related proteome profiling. <i>Clinical Proteomics</i> , 2014 , 11, 41	5	21
82	Autonomous inhibition of apoptosis correlates with responsiveness of colon carcinoma cell lines to ciglitazone. <i>PLoS ONE</i> , 2014 , 9, e114158	3.7	3
81	A platelet protein biochip rapidly detects an Alzheimer's disease-specific phenotype. <i>Acta Neuropathologica</i> , 2014 , 128, 665-77	14.3	31
80	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
79	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, 223-33	3.5	3
78	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

77	Proteome Analysis Identified the PPAR α Ligand 15d-PGJ2 as a Novel Drug Inhibiting Melanoma Progression and Interfering with Tumor-Stroma Interaction 2013 , 101-141		
76	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
75	Phenobarbital induces alterations in the proteome of hepatocytes and mesenchymal cells of rat livers. <i>PLoS ONE</i> , 2013 , 8, e76137	3.7	8
74	Criticizable Claims for the Validity of Communication Acts in Biological Systems: Therapeutic Implications in Cancer 2013 , 169-187		1
73	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
72	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
71	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
70	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
69	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
68	MSH3-deficiency initiates EMAST without oncogenic transformation of human colon epithelial cells. <i>PLoS ONE</i> , 2012 , 7, e50541	3.7	48
67	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
66	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
65	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
64	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
63	GPDE: A biological proteomic database for biomarker discovery and evaluation. <i>Proteomics</i> , 2011 , 11, 1000-4	4.8	14
62	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
61	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
60	3,3',4',5'-Tetrahydroxystilbene impairs melanoma progression in a metastatic mouse model. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 1668-79	4.3	27

59	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
58	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
57	Hydrogen peroxide mediates EGCG-induced antioxidant protection in human keratinocytes. <i>Free Radical Biology and Medicine</i> , 2010 , 49, 1444-52	7.8	47
56	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, 1822-32	3.6	5
55	Secretome Proteomics, a Novel Tool for Biomarkers Discovery and for Guiding Biomodulatory Therapy Approaches 2010 , 405-431		10
54	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
53	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
52	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
51	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
50	Irradiated cultured apoptotic peripheral blood mononuclear cells regenerate infarcted myocardium. <i>European Journal of Clinical Investigation</i> , 2009 , 39, 445-56	4.6	53
49	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
48	Proteome maps of the main human peripheral blood constituents. <i>Journal of Proteome Research</i> , 2009 , 8, 3834-43	5.6	45
47	Cytoplasmic proteome and secretome profiles of differently stimulated human dendritic cells. <i>Journal of Proteome Research</i> , 2009 , 8, 2799-811	5.6	42
46	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
45	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	2.2	
44	New cellular tools reveal complex epithelial-mesenchymal interactions in hepatocarcinogenesis. <i>British Journal of Cancer</i> , 2008 , 99, 151-9	8.7	33
43	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
42	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

41	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
40	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
39	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
38	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
37	Quantitative assessment of human serum high-abundance protein depletion. <i>Electrophoresis</i> , 2008 , 29, 4316-23	3.6	51
36	Cell death and autophagy: cytokines, drugs, and nutritional factors. <i>Toxicology</i> , 2008 , 254, 147-57	4.4	103
35	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
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