

Andreas Pich

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,313
citations

430442

18
h-index

414034

32
g-index

81
all docs

81
docs citations

81
times ranked

2216
citing authors

#	ARTICLE	IF	CITATIONS
1	Myeloid-derived growth factor (C19orf10) mediates cardiac repair following myocardial infarction. <i>Nature Medicine</i> , 2015, 21, 140-149.	15.2	168
2	Cytoplasmic isoforms of Kaposi sarcoma herpesvirus LANA recruit and antagonize the innate immune DNA sensor cGAS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1034-43.	3.3	128
3	Proteome Analysis of Human Perilymph Using an Intraoperative Sampling Method. <i>Journal of Proteome Research</i> , 2017, 16, 1911-1923.	1.8	59
4	Substrate Specificity of Clostridial Glucosylating Toxins and Their Function on Colonocytes Analyzed by Proteomics Techniques. <i>Journal of Proteome Research</i> , 2013, 12, 1604-1618.	1.8	50
5	Quantitative Assessment of Sialo- and N-glycans during Cardiomyogenic Differentiation of Human Induced Pluripotent Stem Cells. <i>ChemBioChem</i> , 2017, 18, 1317-1331.	1.3	44
6	Burst-Like Transcription of Mutant and Wildtype MYH7-Alleles as Possible Origin of Cell-to-Cell Contractile Imbalance in Hypertrophic Cardiomyopathy. <i>Frontiers in Physiology</i> , 2018, 9, 359.	1.3	39
7	Impact of clostridial glucosylating toxins on the proteome of colonic cells determined by isotope-coded protein labeling and LC-MALDI. <i>Proteome Science</i> , 2011, 9, 48.	0.7	38
8	Meteorin-like promotes heart repair through endothelial KIT receptor tyrosine kinase. <i>Science</i> , 2022, 376, 1343-1347.	6.0	34
9	Proteomic Analysis of Human Pluripotent Stem Cell Cardiomyogenesis Revealed Altered Expression of Metabolic Enzymes and PDLIM5 Isoforms. <i>Journal of Proteome Research</i> , 2017, 16, 1133-1149.	1.8	32
10	Vimentin Mediates Uptake of C3 Exoenzyme. <i>PLoS ONE</i> , 2014, 9, e101071.	1.1	31
11	Identification of ageing-associated naturally occurring peptides in human urine. <i>Oncotarget</i> , 2015, 6, 34106-34117.	0.8	31
12	SUMO modification of TBK1 at the adaptor-binding C-terminal coiled-coil domain contributes to its antiviral activity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 136-143.	1.9	29
13	Myeloid-Derived Growth Factor Protects Against Pressure Overload-Induced Heart Failure by Preserving Sarco/Endoplasmic Reticulum Ca ²⁺ -ATPase Expression in Cardiomyocytes. <i>Circulation</i> , 2021, 144, 1227-1240.	1.6	27
14	The Core Proteome of Biofilm-Grown Clinical <i>Pseudomonas aeruginosa</i> Isolates. <i>Cells</i> , 2019, 8, 1129.	1.8	26
15	Quantitative Secretomics Reveals Extrinsic Signals Involved in Human Pluripotent Stem Cell Cardiomyogenesis. <i>Proteomics</i> , 2018, 18, e1800102.	1.3	23
16	Inflammatory Drivers of Cardiovascular Disease: Molecular Characterization of Senescent Coronary Vascular Smooth Muscle Cells. <i>Frontiers in Physiology</i> , 2020, 11, 520.	1.3	23
17	Effect of hyperbaric oxygen on BDNF-release and neuroprotection: Investigations with human mesenchymal stem cells and genetically modified NIH3T3 fibroblasts as putative cell therapeutics. <i>PLoS ONE</i> , 2017, 12, e0178182.	1.1	20
18	Difference in Mono-O-Glucosylation of Ras Subtype GTPases Between Toxin A and Toxin B From <i>Clostridioides difficile</i> Strain 10463 and Lethal Toxin From <i>Clostridium sordellii</i> Strain 6018. <i>Frontiers in Microbiology</i> , 2018, 9, 3078.	1.5	19

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19	Environmentâ€driven changes of mRNA and protein levels in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2018, 20, 3952-3963.	1.8	19
20	C-reactive protein (CRP) recognizes uric acid crystals and recruits proteases C1 and MASP1. <i>Scientific Reports</i> , 2020, 10, 6391.	1.6	19
21	Proteome analysis in the assessment of ageing. <i>Ageing Research Reviews</i> , 2014, 18, 74-85.	5.0	18
22	Kaposi's Sarcoma-Associated Herpesvirus Nonstructural Membrane Protein pK15 Recruits the Class II Phosphatidylinositol 3-Kinase PI3K-C21± To Activate Productive Viral Replication. <i>Journal of Virology</i> , 2018, 92, .	1.5	18
23	Reversible Growth-Arrest of a Spontaneously-Derived Human MSC-Like Cell Line. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4752.	1.8	18
24	Human neutrophils are activated by a peptide fragment of <i>Clostridium difficile</i> toxin B presumably via formyl peptide receptor. <i>Cellular Microbiology</i> , 2015, 17, 893-909.	1.1	17
25	The use of urinary proteomics in the assessment of suitability of mouse models for ageing. <i>PLoS ONE</i> , 2017, 12, e0166875.	1.1	17
26	<sc>TIP</sc> 30 counteracts cardiac hypertrophy and failure by inhibiting translational elongation. <i>EMBO Molecular Medicine</i> , 2019, 11, e10018.	3.3	17
27	Evidence by chromatography and mass spectrometry that inorganic nitrite induces S-glutathionylation of hemoglobin in human red blood cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1019, 72-82.	1.2	16
28	DXD Motif-Dependent and -Independent Effects of the <i>Chlamydia trachomatis</i> Cytotoxin CT166. <i>Toxins</i> , 2015, 7, 621-637.	1.5	15
29	Glucosyltransferase-dependent and -independent effects of TcdB on the proteome of HEp-2 cells. <i>Proteomics</i> , 2017, 17, 1600435.	1.3	15
30	Toxin A of the nosocomial pathogen <i>Clostridium difficile</i> induces primary effects in the proteome of HEp-2 cells. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600031.	0.8	14
31	The Coâ€mutational Spectrum Determines the Therapeutic Response in Murine FGFR2 Fusionâ€Driven Cholangiocarcinoma. <i>Hepatology</i> , 2021, 74, 1357-1370.	3.6	13
32	Proteomic characterization of pleural effusion, a specific host niche of <i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> from cattle with contagious bovine pleuropneumonia (CBPP). <i>Journal of Proteomics</i> , 2016, 131, 93-103.	1.2	12
33	The Mechanistic Differences in HLA-Associated Carbamazepine Hypersensitivity. <i>Pharmaceutics</i> , 2019, 11, 536.	2.0	12
34	Therapeutic modulation of RNA-binding protein Rbm38 facilitates re-endothelialization after arterial injury. <i>Cardiovascular Research</i> , 2019, 115, 1804-1810.	1.8	12
35	Pleiotropic cardiac functions controlled by ischemia-induced lncRNA H19. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 146, 43-59.	0.9	12
36	Alpha-1 antitrypsin deficiency impairs lung antibacterial immunity in mice. <i>JCI Insight</i> , 2021, 6, .	2.3	12

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37	Time-resolved cellular effects induced by TcdA from <i>Clostridium difficile</i> . Rapid Communications in Mass Spectrometry, 2014, 28, 1089-1100.	0.7	11
38	Comprehensive Bioinformatics Identifies Key microRNA Players in ATG7-Deficient Lung Fibroblasts. International Journal of Molecular Sciences, 2020, 21, 4126.	1.8	11
39	The Binary Toxin of <i>Clostridioides difficile</i> Alters the Proteome and Phosphoproteome of HEp-2 Cells. Frontiers in Microbiology, 2021, 12, 725612.	1.5	11
40	Proteome Alterations of Hippocampal Cells Caused by <i>Clostridium botulinum</i> C3 Exoenzyme. Journal of Proteome Research, 2015, 14, 4721-4733.	1.8	10
41	Quantification of small GTPase glucosylation by clostridial glucosylating toxins using multiplexed MRM analysis. Proteomics, 2017, 17, 1700016.	1.3	10
42	Binding of Macrophage Receptor MARCO, LDL, and LDLR to Disease-Associated Crystalline Structures. Frontiers in Immunology, 2020, 11, 596103.	2.2	10
43	Detection and Quantification of ADP-Ribosylated RhoA/B by Monoclonal Antibody. Toxins, 2016, 8, 100.	1.5	9
44	miR-21-KO Alleviates Alveolar Structural Remodeling and Inflammatory Signaling in Acute Lung Injury. International Journal of Molecular Sciences, 2020, 21, 822.	1.8	9
45	Proteome and Phosphoproteome Analysis in TNF Long Term-Exposed Primary Human Monocytes. International Journal of Molecular Sciences, 2019, 20, 1241.	1.8	8
46	Overexpression of Macrophage-Inducible C-Type Lectin Mincle Aggravates Proinflammatory Responses to <i>Streptococcus pneumoniae</i> with Fatal Outcome in Mice. Journal of Immunology, 2020, 205, 3390-3399.	0.4	7
47	The Proteome and Secretome of Cortical Brain Cells Infected With Herpes Simplex Virus. Frontiers in Neurology, 2020, 11, 844.	1.1	7
48	Profilin2 regulates actin rod assembly in neuronal cells. Scientific Reports, 2021, 11, 10287.	1.6	7
49	Personalized Proteomics for Precision Diagnostics in Hearing Loss: Disease-Specific Analysis of Human Perilymph by Mass Spectrometry. ACS Omega, 2021, 6, 21241-21254.	1.6	7
50	Mass spectrometry-based methods for biomarker detection and analysis. Drug Discovery Today: Technologies, 2005, 2, 361-367.	4.0	6
51	Unravelling post-transcriptional PrmC-dependent regulatory mechanisms in <i>Pseudomonas aeruginosa</i> . Environmental Microbiology, 2016, 18, 3583-3592.	1.8	6
52	Identification of targets of monoclonal antibodies that inhibit adhesion and growth in <i>Mycoplasma mycoides</i> subspecies <i>mycoides</i> . Veterinary Immunology and Immunopathology, 2018, 204, 11-18.	0.5	6
53	Verification of a canine PSMA (FolH1) antibody. Anticancer Research, 2015, 35, 145-8.	0.5	6
54	<i>Pseudomonas aeruginosa</i> post-translational responses to elevated cAMP levels. Molecular Microbiology, 2022, 117, 1213-1226.	1.2	6

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55	Quantitative Phosphoproteome Analysis of Clostridioides difficile Toxin B Treated Human Epithelial Cells. <i>Frontiers in Microbiology</i> , 2018, 9, 3083.	1.5	5
56	HLA-F Allele-Specific Peptide Restriction Represents an Exceptional Proteomic Footprint. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5572.	1.8	5
57	GC-MS and LC-MS/MS pilot studies on the guanidine (NG)-dimethylation in native, asymmetrically and symmetrically NG-dimethylated arginine-vasopressin peptides and proteins in human red blood cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1141, 122024.	1.2	5
58	TcdB of Clostridioides difficile Mediates RAS-Dependent Necrosis in Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4258.	1.8	5
59	E. coli primase and DNA polymerase III holoenzyme are able to bind concurrently to a primed template during DNA replication. <i>Scientific Reports</i> , 2019, 9, 14460.	1.6	4
60	Stable depletion of RUNX1-ETO in Kasumi-1 cells induces expression and enhanced proteolytic activity of Cathepsin G and Neutrophil Elastase. <i>PLoS ONE</i> , 2019, 14, e0225977.	1.1	4
61	Identification of the Cleavage Domain within Glycoprotein G of Herpes Simplex Virus Type 2. <i>Viruses</i> , 2020, 12, 1428.	1.5	4
62	The Loss of HLA-F/KIR3DS1 Ligation Is Mediated by Hemoglobin Peptides. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8012.	1.8	4
63	The barrier functions of crude cervical mucus plugs against HIV-1 infection in the context of cell-free and cell-to-cell transmission. <i>Aids</i> , 2021, 35, 2105-2117.	1.0	4
64	Genetic information from discordant sibling pairs points to ESRP2 as a candidate trans-acting regulator of the CF modifier gene SCNN1B. <i>Scientific Reports</i> , 2020, 10, 22447.	1.6	4
65	C3-induced release of neurotrophic factors from Schwann cells – potential mechanism behind its regeneration promoting activity. <i>Neurochemistry International</i> , 2015, 90, 232-245.	1.9	3
66	MS-based quantification of RhoA/B and RhoC ADP-ribosylation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1092, 268-271.	1.2	3
67	Reconstruction of the miR-506-Quaking axis in Idiopathic Pulmonary Fibrosis using integrative multi-source bioinformatics. <i>Scientific Reports</i> , 2021, 11, 12456.	1.6	3
68	Pharmacokinetic Studies of Antisense Oligonucleotides Using MALDI-TOF Mass Spectrometry. <i>Frontiers in Pharmacology</i> , 2020, 11, 220.	1.6	2
69	A mouse model of cardiogenic shock. <i>Cardiovascular Research</i> , 2021, 117, 2414-2415.	1.8	2
70	Unravelling the Proteomics of HLA-B*57:01+ Antigen Presenting Cells during Abacavir Medication. <i>Journal of Personalized Medicine</i> , 2022, 12, 40.	1.1	2
71	Natural antibodies and CRP drive anaphylatoxin production by urate crystals. <i>Scientific Reports</i> , 2022, 12, 4483.	1.6	2
72	Bioinformatic Analysis of the Perilymph Proteome to Generate a Human Protein Atlas. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 847157.	1.8	2

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73	Surface-bound bovine serum albumin carrier protein as present in recombinant cytokine preparations amplifies T helper 17 cell polarization. Scientific Reports, 2016, 6, 36598.	1.6	1
74	Small Molecule/HLA Complexes Alter the Cellular Proteomic Content. , 0, , .		1
75	Proteome profile of patients with excellent and poor speech intelligibility after cochlear implantation: Can perilymph proteins predict performance?. PLoS ONE, 2022, 17, e0263765.	1.1	1
76	Proteomic Profiling and T Cell Receptor Usage of Abacavir Susceptible Subjects. Biomedicines, 2022, 10, 693.	1.4	1
77	Mirâ¼17-92 Identifies BCL2 As a Therapeutic Target In BCR-ABL Positive B-Lineage Acute Lymphoblastic Leukemia. Blood, 2013, 122, 835-835.	0.6	0
78	AQUA Mutant Protein Quantification of Endomyocardial Biopsy-Sized Samples From a Patient With Hypertrophic Cardiomyopathy. Frontiers in Cardiovascular Medicine, 2022, 9, 816330.	1.1	0
79	Possibilities of Molecular Perilymph Diagnostics in Patients with Cochlea Implant Surgeries. Laryngo-Rhino- Otologie, 2022, , .	0.2	0