

# Tuula A Nyman

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1814872/tuula-a-nyman-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

145  
papers

6,907  
citations

37  
h-index

79  
g-index

152  
ext. papers

8,553  
ext. citations

5.8  
avg, IF

5.37  
L-index

#	Paper	IF	Citations
145	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , <b>2015</b> , 4, 27066	16.4	2611
144	Isolation and characterization of platelet-derived extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , <b>2014</b> , 3,	16.4	168
143	Constitutively active cytoplasmic c-Jun N-terminal kinase 1 is a dominant regulator of dendritic architecture: role of microtubule-associated protein 2 as an effector. <i>Journal of Neuroscience</i> , <b>2005</b> , 25, 6350-61	6.6	149
142	HSV-1 ICP27 targets the TBK1-activated STING signaling to inhibit virus-induced type I IFN expression. <i>EMBO Journal</i> , <b>2016</b> , 35, 1385-99	13	128
141	Proteomics and transcriptomics characterization of bile stress response in probiotic <i>Lactobacillus rhamnosus</i> GG. <i>Molecular and Cellular Proteomics</i> , <b>2011</b> , 10, M110.002741	7.6	122
140	Quantitative subcellular proteome and secretome profiling of influenza A virus-infected human primary macrophages. <i>PLoS Pathogens</i> , <b>2011</b> , 7, e1001340	7.6	117
139	Effect of acid stress on protein expression and phosphorylation in <i>Lactobacillus rhamnosus</i> GG. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 1357-74	3.9	96
138	Proteomic analysis of glial fibrillary acidic protein in Alzheimer's disease and aging brain. <i>Neurobiology of Disease</i> , <b>2005</b> , 20, 858-70	7.5	95
137	Oxidative modification of proteins in the frontal cortex of Alzheimer's disease brain. <i>Neurobiology of Aging</i> , <b>2006</b> , 27, 42-53	5.6	87
136	A mitochondrial ribosomal and RNA decay pathway blocks cell proliferation. <i>Current Biology</i> , <b>2013</b> , 23, 535-41	6.3	80
135	Proteome analysis reveals ubiquitin-conjugating enzymes to be a new family of interferon-alpha-regulated genes. <i>FEBS Journal</i> , <b>2000</b> , 267, 4011-9		80
134	Comparison of PDQuest and Progenesis software packages in the analysis of two-dimensional electrophoresis gels. <i>Proteomics</i> , <b>2003</b> , 3, 1936-46	4.8	77
133	Actin and RIG-I/MAVS signaling components translocate to mitochondria upon influenza A virus infection of human primary macrophages. <i>Journal of Immunology</i> , <b>2009</b> , 182, 5682-92	5.3	72
132	The Antiviral Alkaloid Berberine Reduces Chikungunya Virus-Induced Mitogen-Activated Protein Kinase Signaling. <i>Journal of Virology</i> , <b>2016</b> , 90, 9743-9757	6.6	71
131	Multiplexed proteomic analysis of oxidation and concentrations of cerebrospinal fluid proteins in Alzheimer disease. <i>Clinical Chemistry</i> , <b>2007</b> , 53, 657-65	5.5	71
130	An update on clinical proteomics in Alzheimer's research. <i>Journal of Neurochemistry</i> , <b>2010</b> , 112, 1386-414		70
129	Mutation update and genotype-phenotype correlations of novel and previously described mutations in TPM2 and TPM3 causing congenital myopathies. <i>Human Mutation</i> , <b>2014</b> , 35, 779-90	4.7	67

128	Dectin-1 pathway activates robust autophagy-dependent unconventional protein secretion in human macrophages. <i>Journal of Immunology</i> , <b>2014</b> , 192, 5952-62	5.3	65
127	From Inflammasome to Exosome-Does Extracellular Vesicle Secretion Constitute an Inflammasome-Dependent Immune Response?. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2188	8.4	63
126	OSBP-related protein 3 (ORP3) coupling with VAMP-associated protein A regulates R-Ras activity. <i>Experimental Cell Research</i> , <b>2015</b> , 331, 278-91	4.2	57
125	Identification of a hormone-regulated dynamic nuclear actin network associated with estrogen receptor alpha in human breast cancer cell nuclei. <i>Molecular and Cellular Proteomics</i> , <b>2010</b> , 9, 1352-67	7.6	52
124	A proteome database of human primary T helper cells. <i>Electrophoresis</i> , <b>2001</b> , 22, 4375-82	3.6	52
123	Global Characterization of Protein Secretion from Human Macrophages Following Non-canonical Caspase-4/5 Inflammasome Activation. <i>Molecular and Cellular Proteomics</i> , <b>2017</b> , 16, S187-S199	7.6	50
122	Growth phase-associated changes in the proteome and transcriptome of <i>Lactobacillus rhamnosus</i> GG in industrial-type whey medium. <i>Microbial Biotechnology</i> , <b>2011</b> , 4, 746-66	6.3	49
121	New insights into <i>Staphylococcus aureus</i> stress tolerance and virulence regulation from an analysis of the role of the ClpP protease in the strains Newman, COL, and SA564. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 95-108	5.6	45
120	Phosphoproteomics to Characterize Host Response During Influenza A Virus Infection of Human Macrophages. <i>Molecular and Cellular Proteomics</i> , <b>2016</b> , 15, 3203-3219	7.6	44
119	Cytosolic RNA recognition pathway activates 14-3-3 protein mediated signaling and caspase-dependent disruption of cyokeratin network in human keratinocytes. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 1549-64	5.6	44
118	Quantitative proteomics reveals GIMAP family proteins 1 and 4 to be differentially regulated during human T helper cell differentiation. <i>Molecular and Cellular Proteomics</i> , <b>2009</b> , 8, 32-44	7.6	43
117	Calpain Activity Is Essential for ATP-Driven Unconventional Vesicle-Mediated Protein Secretion and Inflammasome Activation in Human Macrophages. <i>Journal of Immunology</i> , <b>2016</b> , 197, 3315-3325	5.3	42
116	Proteomic and Bioinformatic Characterization of Extracellular Vesicles Released from Human Macrophages upon Influenza A Virus Infection. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 217-227	5.6	41
115	Comparative proteome cataloging of <i>Lactobacillus rhamnosus</i> strains GG and Lc705. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 3460-73	5.6	41
114	Determination of nine beta-blockers in serum by micellar electrokinetic capillary chromatography. <i>Journal of Chromatography A</i> , <b>1994</b> , 674, 241-6	4.5	41
113	Quantitative proteomics analysis of the nuclear fraction of human CD4+ cells in the early phases of IL-4-induced Th2 differentiation. <i>Molecular and Cellular Proteomics</i> , <b>2010</b> , 9, 1937-53	7.6	40
112	Development of a pharmaceutical apotransferrin product for iron binding therapy. <i>Biologicals</i> , <b>2001</b> , 29, 27-37	1.8	39
111	Quantitative proteomics of extracellular vesicles released from human monocyte-derived macrophages upon $\beta$ -glucan stimulation. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 2468-77	5.6	38

110	Global secretome characterization of herpes simplex virus 1-infected human primary macrophages. <i>Journal of Virology</i> , <b>2012</b> , 86, 12770-8	6.6	38
109	Inhibition of histone methyltransferase DOT1L silences ER $\alpha$ gene and blocks proliferation of antiestrogen-resistant breast cancer cells. <i>Science Advances</i> , <b>2019</b> , 5, eaav5590	14.3	37
108	The nuclear receptor ER $\alpha$ engages AGO2 in regulation of gene transcription, RNA splicing and RISC loading. <i>Genome Biology</i> , <b>2017</b> , 18, 189	18.3	35
107	Quality classification of tandem mass spectrometry data. <i>Bioinformatics</i> , <b>2006</b> , 22, 400-6	7.2	35
106	Proteome characterization of human T helper 1 and 2 cells. <i>Proteomics</i> , <b>2004</b> , 4, 84-92	4.8	35
105	Splicing of platelet resident pre-mRNAs upon activation by physiological stimuli results in functionally relevant proteome modifications. <i>Scientific Reports</i> , <b>2018</b> , 8, 498	4.9	34
104	JNJ872 inhibits influenza A virus replication without altering cellular antiviral responses. <i>Antiviral Research</i> , <b>2016</b> , 133, 23-31	10.8	34
103	Peroxiredoxins and tropomyosins as plasma biomarkers for lung cancer and asbestos exposure. <i>Lung Cancer</i> , <b>2012</b> , 77, 450-9	5.9	34
102	Structural characterisation of N-linked and O-linked oligosaccharides derived from interferon-alpha2b and interferon-alpha14c produced by Sendai-virus-induced human peripheral blood leukocytes. <i>FEBS Journal</i> , <b>1998</b> , 253, 485-93		33
101	Geometrical distortions in two-dimensional gels: applicable correction methods. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2005</b> , 815, 25-37	3.2	33
100	The role of mass spectrometry in proteome studies. <i>New Biotechnology</i> , <b>2001</b> , 18, 221-7		33
99	Activating stimuli induce platelet microRNA modulation and proteome reorganisation. <i>Thrombosis and Haemostasis</i> , <b>2015</b> , 114, 96-108	7	32
98	Netrin-4 promotes glioblastoma cell proliferation through integrin $\beta$ signaling. <i>Neoplasia</i> , <b>2012</b> , 14, 219-27	6.4	32
97	Identification of proteins associated with ligand-activated estrogen receptor $\alpha$ in human breast cancer cell nuclei by tandem affinity purification and nano LC-MS/MS. <i>Proteomics</i> , <b>2011</b> , 11, 172-9	4.8	32
96	A large set of estrogen receptor $\alpha$ interacting proteins identified by tandem affinity purification in hormone-responsive human breast cancer cell nuclei. <i>Proteomics</i> , <b>2011</b> , 11, 159-65	4.8	32
95	Function and Regulation of Noncanonical Caspase-4/5/11 Inflammasome. <i>Journal of Immunology</i> , <b>2020</b> , 204, 3063-3069	5.3	31
94	Molecular networks of DYX1C1 gene show connection to neuronal migration genes and cytoskeletal proteins. <i>Biological Psychiatry</i> , <b>2013</b> , 73, 583-90	7.9	31
93	Absence of CCR4 exacerbates skin inflammation in an oxazolone-induced contact hypersensitivity model. <i>Journal of Investigative Dermatology</i> , <b>2010</b> , 130, 2743-51	4.3	31

92	Recognition of cytoplasmic RNA results in cathepsin-dependent inflammasome activation and apoptosis in human macrophages. <i>Journal of Immunology</i> , <b>2011</b> , 186, 3085-92	5.3	31
91	Identification of new Golgi complex specific proteins by direct organelle proteomic analysis. <i>Proteomics</i> , <b>2006</b> , 6, 3502-8	4.8	31
90	Uncovering surface-exposed antigens of <i>Lactobacillus rhamnosus</i> by cell shaving proteomics and two-dimensional immunoblotting. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 1010-24	5.6	30
89	Akt inhibitor MK2206 prevents influenza pH1N1 virus infection in vitro. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 3689-96	5.9	30
88	Comparative analysis of excretory-secretory antigens of <i>Trichinella spiralis</i> and <i>Trichinella britovi</i> muscle larvae by two-dimensional difference gel electrophoresis and immunoblotting. <i>Proteome Science</i> , <b>2012</b> , 10, 10	2.6	30
87	Molecular mechanisms of selective estrogen receptor modulator activity in human breast cancer cells: identification of novel nuclear cofactors of antiestrogen-ER $\alpha$ complexes by interaction proteomics. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 421-31	5.6	29
86	Monosodium urate activates Src/Pyk2/PI3 kinase and cathepsin dependent unconventional protein secretion from human primary macrophages. <i>Molecular and Cellular Proteomics</i> , <b>2013</b> , 12, 749-63	7.6	29
85	Anticancer compound ABT-263 accelerates apoptosis in virus-infected cells and imbalances cytokine production and lowers survival rates of infected mice. <i>Cell Death and Disease</i> , <b>2013</b> , 4, e742	9.8	29
84	Comparative analysis of nuclear estrogen receptor alpha and beta interactomes in breast cancer cells. <i>Molecular BioSystems</i> , <b>2011</b> , 7, 667-76		29
83	Proteome profiling of interleukin-12 treated human T helper cells. <i>Proteomics</i> , <b>2005</b> , 5, 3137-41	4.8	29
82	Post-transcriptional regulation of human breast cancer cell proteome by unliganded estrogen receptor $\alpha$ via microRNAs. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 1076-90	7.6	28
81	Filtering strategies for improving protein identification in high-throughput MS/MS studies. <i>Proteomics</i> , <b>2009</b> , 9, 848-60	4.8	28
80	Proteome analysis of human macrophages reveals the upregulation of manganese-containing superoxide dismutase after toll-like receptor activation. <i>Proteomics</i> , <b>2007</b> , 7, 378-84	4.8	28
79	Ezrin is down-regulated in diabetic kidney glomeruli and regulates actin reorganization and glucose uptake via GLUT1 in cultured podocytes. <i>American Journal of Pathology</i> , <b>2014</b> , 184, 1727-39	5.8	27
78	Antiviral Properties of Chemical Inhibitors of Cellular Anti-Apoptotic Bcl-2 Proteins. <i>Viruses</i> , <b>2017</b> , 9,	6.2	27
77	Hierarchical grid transformation for image warping in the analysis of two-dimensional electrophoresis gels. <i>Proteomics</i> , <b>2002</b> , 2, 1504-15	4.8	27
76	Thaumatococcus protein and baker's yeast respiratory allergy. <i>Annals of Allergy, Asthma and Immunology</i> , <b>2010</b> , 104, 139-46	3.2	26
75	Pripper: prediction of caspase cleavage sites from whole proteomes. <i>BMC Bioinformatics</i> , <b>2010</b> , 11, 320	3.6	26

74	The Cell Wall Polymer Lipoteichoic Acid Becomes Nonessential in <i>Staphylococcus aureus</i> Cells Lacking the ClpX Chaperone. <i>MBio</i> , <b>2016</b> , 7,	7.8	26
73	Structural and Functional Dynamics of Biofilms and Biofilm Matrix Proteins on Different Clinical Materials. <i>Microorganisms</i> , <b>2019</b> , 7,	4.9	26
72	Trichothecene mycotoxins activate NLRP3 inflammasome through a P2X7 receptor and Src tyrosine kinase dependent pathway. <i>Human Immunology</i> , <b>2014</b> , 75, 134-40	2.3	25
71	Food-Like Growth Conditions Support Production of Active Vitamin B12 by 2067 without DMBI, the Lower Ligand Base, or Cobalt Supplementation. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 368	5.7	25
70	A comparative evaluation of software for the analysis of liquid chromatography-tandem mass spectrometry data from isotope coded affinity tag experiments. <i>Proteomics</i> , <b>2005</b> , 5, 2748-60	4.8	24
69	Scots pine expresses short-root-specific peroxidases during development. <i>FEBS Journal</i> , <b>2001</b> , 268, 86-92		24
68	PACSIN2 accelerates nephrin trafficking and is up-regulated in diabetic kidney disease. <i>FASEB Journal</i> , <b>2017</b> , 31, 3978-3990	0.9	23
67	Identification of foetal brain proteins by two-dimensional gel electrophoresis and mass spectrometry comparison of samples from individuals with or without chromosome 21 trisomy. <i>FEBS Journal</i> , <b>2000</b> , 267, 4713-9		23
66	Septin 7 reduces nonmuscle myosin IIA activity in the SNAP23 complex and hinders GLUT4 storage vesicle docking and fusion. <i>Experimental Cell Research</i> , <b>2017</b> , 350, 336-348	4.2	22
65	Interleukin-4 inhibits caspase-3 by regulating several proteins in the Fas pathway during initial stages of human T helper 2 cell differentiation. <i>Molecular and Cellular Proteomics</i> , <b>2007</b> , 6, 238-51	7.6	21
64	HnRNP1/H2, U1 snRNP, and U11 snRNP cooperate to regulate the stability of the U11-48K pre-mRNA. <i>Rna</i> , <b>2013</b> , 19, 380-9	5.8	20
63	Multistep phosphorylation by oncogenic kinases enhances the degradation of the NF2 tumor suppressor merlin. <i>Neoplasia</i> , <b>2011</b> , 13, 643-52	6.4	20
62	Influenza virus NS1 protein binds cellular DNA to block transcription of antiviral genes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2016</b> , 1859, 1440-1448	6	20
61	A high-throughput pipeline for validation of antibodies. <i>Nature Methods</i> , <b>2018</b> , 15, 909-912	21.6	20
60	Netrin-1-induced activation of Notch signaling mediates glioblastoma cell invasion. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 2459-69	5.3	19
59	Phosphoproteome characterization reveals that Sendai virus infection activates mTOR signaling in human epithelial cells. <i>Proteomics</i> , <b>2015</b> , 15, 2087-97	4.8	16
58	Low Cellular NAD Compromises Lipopolysaccharide-Induced Inflammatory Responses via Inhibiting TLR4 Signal Transduction in Human Monocytes. <i>Journal of Immunology</i> , <b>2019</b> , 203, 1598-1608	5.3	16
57	Proteomic and transcriptomic characterization of interferon-alpha-induced human primary T helper cells. <i>Proteomics</i> , <b>2005</b> , 5, 371-9	4.8	16

56	Mitochondrial stress response triggered by defects in protein synthesis quality control. <i>Life Science Alliance</i> , <b>2019</b> , 2,	5.8	16
55	Comparative exoprotein profiling of different <i>Staphylococcus epidermidis</i> strains reveals potential link between nonclassical protein export and virulence. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 3249-61	5.6	15
54	Quantitative mapping of RNA-mediated nuclear estrogen receptor $\alpha$ interactome in human breast cancer cells. <i>Scientific Data</i> , <b>2018</b> , 5, 180031	8.2	14
53	Genomics and Proteomics Provide New Insight into the Commensal and Pathogenic Lifestyles of Bovine- and Human-Associated <i>Staphylococcus epidermidis</i> Strains. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 3748-3762	5.6	14
52	Sec1p and Mso1p C-terminal tails cooperate with the SNAREs and Sec4p in polarized exocytosis. <i>Molecular Biology of the Cell</i> , <b>2011</b> , 22, 230-44	3.5	14
51	Characterization of microsomal fraction proteome in human lymphoblasts reveals the down-regulation of galectin-1 by interleukin-12. <i>Proteomics</i> , <b>2005</b> , 5, 4719-32	4.8	14
50	Multi-Omics Studies towards Novel Modulators of Influenza A Virus-Host Interaction. <i>Viruses</i> , <b>2016</b> , 8,	6.2	14
49	Immuno-modulating properties of saliphenylhalamide, SNS-032, obatoclox, and gemcitabine. <i>Antiviral Research</i> , <b>2016</b> , 126, 69-80	10.8	13
48	Proteomics to study macrophage response to viral infection. <i>Journal of Proteomics</i> , <b>2018</b> , 180, 99-107	3.9	12
47	Growth Mode and Carbon Source Impact the Surfaceome Dynamics of GG. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1272	5.7	12
46	Identification of cytoplasmic proteins interacting with unliganded estrogen receptor $\alpha$ and $\beta$ in human breast cancer cells. <i>Proteomics</i> , <b>2015</b> , 15, 1801-7	4.8	12
45	PhosFox: a bioinformatics tool for peptide-level processing of LC-MS/MS-based phosphoproteomic data. <i>Proteome Science</i> , <b>2014</b> , 12, 36	2.6	11
44	Identification of novel Stat6 regulated proteins in IL-4-treated mouse lymphocytes. <i>Proteomics</i> , <b>2009</b> , 9, 1087-98	4.8	11
43	Interaction Proteomics Identifies ERbeta Association with Chromatin Repressive Complexes to Inhibit Cholesterol Biosynthesis and Exert An Oncosuppressive Role in Triple-negative Breast Cancer. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 245-260	7.6	10
42	Mass spectrometry-based proteomic exploration of the human immune system: focus on the inflammasome, global protein secretion, and T cells. <i>Expert Review of Proteomics</i> , <b>2017</b> , 14, 395-407	4.2	9
41	The C terminus of NS1 protein of influenza A/WSN/1933(H1N1) virus modulates antiviral responses in infected human macrophages and mice. <i>Journal of General Virology</i> , <b>2015</b> , 96, 2086-2091	4.9	9
40	Phosphoproteomics combined with quantitative 14-3-3-affinity capture identifies SIRT1 and RAI as novel regulators of cytosolic double-stranded RNA recognition pathway. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 2604-17	7.6	9
39	Temperature-induced structural transition in-situ in porcine lens--changes observed in void size distribution. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2010</b> , 1798, 958-65	3.8	9

38	Compid: a new software tool to integrate and compare MS/MS based protein identification results from Mascot and Paragon. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 6795-800	5.6	9
37	Immune complexes, innate immunity, and NETosis in ChAdOx1 vaccine-induced thrombocytopenia. <i>European Heart Journal</i> , <b>2021</b> , 42, 4064-4072	9.5	9
36	Secretome profiling of <i>Propionibacterium freudenreichii</i> reveals highly variable responses even among the closely related strains. <i>Microbial Biotechnology</i> , <b>2018</b> , 11, 510-526	6.3	8
35	Proteome characterization of human NK-92 cells identifies novel IFN-alpha and IL-15 target genes. <i>Journal of Proteome Research</i> , <b>2005</b> , 4, 75-82	5.6	8
34	Respiratory chain signalling is essential for adaptive remodelling following cardiac ischaemia. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 3534-3548	5.6	8
33	Absence of NLRP3 Inflammasome in Hematopoietic Cells Reduces Adverse Remodeling After Experimental Myocardial Infarction. <i>JACC Basic To Translational Science</i> , <b>2020</b> , 5, 1210-1224	8.7	8
32	The RNA-mediated estrogen receptor $\beta$ interactome of hormone-dependent human breast cancer cell nuclei. <i>Scientific Data</i> , <b>2019</b> , 6, 173	8.2	7
31	The cardiac syndecan-4 interactome reveals a role for syndecan-4 in nuclear translocation of muscle LIM protein (MLP). <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 8717-8731	5.4	7
30	Quantitative changes in Gimap3 and Gimap5 expression modify mitochondrial DNA segregation in mice. <i>Genetics</i> , <b>2015</b> , 200, 221-35	4	7
29	Growth Mode and Physiological State of Cells Prior to Biofilm Formation Affect Immune Evasion and Persistence of. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	7
28	Statistical detection of quantitative protein biomarkers provides insights into signaling networks deregulated in acute myeloid leukemia. <i>Proteomics</i> , <b>2014</b> , 14, 2443-53	4.8	7
27	Ephrin-As, Eph receptors and integrin $\beta$ interact and colocalise at membrane protrusions of U251MG glioblastoma cells. <i>Cell Biology International</i> , <b>2013</b> , 37, 1080-8	4.5	7
26	Inflammasomes and SARS-CoV-2 Infection.. <i>Viruses</i> , <b>2021</b> , 13,	6.2	7
25	A <i>Streptococcus uberis</i> transposon mutant screen reveals a negative role for LiaR homologue in biofilm formation. <i>Journal of Applied Microbiology</i> , <b>2015</b> , 118, 1-10	4.7	5
24	Comparative proteome profiling of bovine and human <i>Staphylococcus epidermidis</i> strains for screening specifically expressed virulence and adaptation proteins. <i>Proteomics</i> , <b>2014</b> , 14, 1890-4	4.8	5
23	Proprotein convertase expression in the fat body is essential for a normal antimicrobial peptide response and bacterial host defense. <i>FASEB Journal</i> , <b>2017</b> , 31, 4770-4782	0.9	5
22	Penicillin G increases the synthesis of a suicidal marker (CidC) and virulence (HlgBC) proteins in <i>Staphylococcus aureus</i> biofilm cells. <i>International Journal of Medical Microbiology</i> , <b>2016</b> , 306, 69-74	3.7	4
21	Legumain is upregulated in acute cardiovascular events and associated with improved outcome - potentially related to anti-inflammatory effects on macrophages. <i>Atherosclerosis</i> , <b>2020</b> , 296, 74-82	3.1	4



20	DNA glycosylase Neil3 regulates vascular smooth muscle cell biology during atherosclerosis development. <i>Atherosclerosis</i> , <b>2021</b> , 324, 123-132	3.1	4
19	Progress and challenges in mass spectrometry-based analysis of antibody repertoires. <i>Trends in Biotechnology</i> , <b>2021</b> ,	15.1	4
18	Pancreatic cancer cells show lower oleic acid oxidation and their conditioned medium inhibits oleic acid oxidation in human myotubes. <i>Pancreatology</i> , <b>2020</b> , 20, 676-682	3.8	3
17	Distinct Pattern of Endoplasmic Reticulum Protein Processing and Extracellular Matrix Proteins in Functioning and Silent Corticotroph Pituitary Adenomas. <i>Cancers</i> , <b>2020</b> , 12,	6.6	3
16	Surfaceome and Exoproteome Dynamics in Dual-Species and Biofilms. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 672975	5.7	3
15	Quantitative Changes in the Mitochondrial Proteome of Cerebellar Synaptosomes From Preclinical Cystatin B-Deficient Mice. <i>Frontiers in Molecular Neuroscience</i> , <b>2020</b> , 13, 570640	6.1	2
14	Identification of Antiestrogen-Bound Estrogen Receptor Interactomes in Hormone-Responsive Human Breast Cancer Cell Nuclei. <i>Proteomics</i> , <b>2020</b> , 20, e2000135	4.8	2
13	The Cardiac Syndecan-2 Interactome. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 792	5.7	2
12	Surface-Shaving Proteomics of Mycobacterium marinum Identifies Biofilm Subtype-Specific Changes Affecting Virulence, Tolerance, and Persistence. <i>MSystems</i> , <b>2021</b> , 6, e0050021	7.6	2
11	Tyr Regulates Lymphocyte-Specific Tyrosine Kinase Activity in T Cells. <i>Journal of Immunology</i> , <b>2021</b> , 207, 1128-1137	5.3	2
10	In Well-Treated Celiac Patients Low-Level Mucosal Inflammation Predicts Response to 14-day Gluten Challenge. <i>Advanced Science</i> , <b>2021</b> , 8, 2003526	13.6	2
9	Inflammasomes: Exosomal miRNAs loaded for action. <i>Journal of Cell Biology</i> , <b>2020</b> , 219,	7.3	1
8	Quantitative proteomics of coeliac gut during 14-day gluten challenge: low-level baseline inflammation despite clinical and histological normality predicts subsequent response		1
7	Liquid chromatography, a key tool for the advancement of single-cell omics analysis. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1178, 338551	6.6	1
6	Plasma extracellular vesicles in people living with HIV and type 2 diabetes are related to microbial translocation and cardiovascular risk. <i>Scientific Reports</i> , <b>2021</b> , 11, 21936	4.9	0
5	Proteomic study of apheresis platelets made HLA class I deficient for transfusion of refractory patients. <i>Proteomics - Clinical Applications</i> , <b>2021</b> , 15, e2100022	3.1	0
4	Modulation of virulence factors of Staphylococcus aureus by nanostructured surfaces. <i>Materials and Design</i> , <b>2021</b> , 208, 109879	8.1	0
3	Chronic treatment with terbutaline increases glucose and oleic acid oxidation and protein synthesis in cultured human myotubes.. <i>Current Research in Pharmacology and Drug Discovery</i> , <b>2021</b> , 2, 100039	3	0

- 2 Design of a Proteolytically Stable Sodium-Calcium Exchanger 1 Activator Peptide for Studies. *Frontiers in Pharmacology*, **2021**, 12, 638646 5.6
- 1 Chlamydia pneumoniae Interferes with Macrophage Differentiation and Cell Cycle Regulation to Promote Its Replication. *Cellular Microbiology*, **2022**, 2022, 1-19 3.9