Ruth Birner-Gruenberger

List of Publications by Year
in descending order

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156 papers	6,034 citations	117625 34 h-index	82547 72 g-index
170 all docs	170 docs citations	170 times ranked	9744 citing authors

#	Article	IF	Citations
1	Fat Mobilization in Adipose Tissue Is Promoted by Adipose Triglyceride Lipase. Science, 2004, 306, 1383-1386.	12.6	1,744
2	Adiponutrin Functions as a Nutritionally Regulated Lysophosphatidic Acid Acyltransferase. Cell Metabolism, 2012, 15, 691-702.	16.2	258
3	Uremia Alters HDL Composition and Function. Journal of the American Society of Nephrology: JASN, 2011, 22, 1631-1641.	6.1	237
4	Oxidative albumin damage in chronic liver failure: Relation to albumin binding capacity, liver dysfunction and survival. Journal of Hepatology, 2013, 59, 978-983.	3.7	157
5	Elevated Cardiac Troponin T in PatientsÂWith Skeletal Myopathies. Journal of the American College of Cardiology, 2018, 71, 1540-1549.	2.8	150
6	Hydrolysis of polyethyleneterephthalate by pâ€nitrobenzylesterase from Bacillus subtilis. Biotechnology Progress, 2011, 27, 951-960.	2.6	138
7	Psoriasis alters HDL composition and cholesterol efflux capacity. Journal of Lipid Research, 2012, 53, 1618-1624.	4.2	132
8	Understanding high-density lipoprotein function in disease: Recent advances in proteomics unravel the complexity of its composition and biology. Progress in Lipid Research, 2014, 56, 36-46.	11.6	96
9	Synthetic Lethal Interaction of the Mitochondrial Phosphatidylethanolamine Biosynthetic Machinery with the Prohibitin Complex ofSaccharomyces cerevisiae. Molecular Biology of the Cell, 2003, 14, 370-383.	2.1	87
10	Refined Pichia pastoris reference genome sequence. Journal of Biotechnology, 2016, 235, 121-131.	3.8	84
11	PpEst is a novel PBAT degrading polyesterase identified by proteomic screening of Pseudomonas pseudoalcaligenes. Applied Microbiology and Biotechnology, 2017, 101, 2291-2303.	3.6	82
12	Contribution of different pathways to the supply of phosphatidylethanolamine and phosphatidylcholine to mitochondrial membranes of the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1686, 161-168.	2.4	75
13	Protective effect of crocin on BPA-induced liver toxicity in rats through inhibition of oxidative stress and downregulation of MAPK and MAPKAP signaling pathway and miRNA-122 expression. Food and Chemical Toxicology, 2017, 107, 395-405.	3.6	75
14	HDAC inhibition improves cardiopulmonary function in a feline model of diastolic dysfunction. Science Translational Medicine, 2020, 12, .	12.4	75
15	Nasal mucus proteomic changes reflect altered immune responses and epithelial permeability in patients with allergic rhinitis. Journal of Allergy and Clinical Immunology, 2014, 133, 741-750.	2.9	74
16	Cross-linking of collagen with laccases and tyrosinases. Materials Science and Engineering C, 2011, 31, 1068-1077.	7.3	70
17	Liver disease alters high-density lipoprotein composition, metabolism and function. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 630-638.	2.4	64
18	CGI-58/ABHD5 is phosphorylated on Ser239 by protein kinase A: control of subcellular localization. Journal of Lipid Research, 2015, 56, 109-121.	4.2	60

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19	Gelâ€free mass spectrometry analysis of Drosophila melanogaster heads. Proteomics, 2015, 15, 3356-3360.	2.2	59
20	Activity-based proteomics: enzymatic activity profiling in complex proteomes. Amino Acids, 2006, 30, 333-350.	2.7	57
21	The propeptide of yeast cathepsin D inhibits programmed necrosis. Cell Death and Disease, 2011, 2, e161-e161.	6.3	55
22	The Lipolytic Proteome of Mouse Adipose Tissue. Molecular and Cellular Proteomics, 2005, 4, 1710-1717.	3.8	53
23	Mechanism of dual specificity kinase activity of <scp>DYRK</scp>1<scp>A</scp>. FEBS Journal, 2013, 280, 4495-4511.	4.7	53
24	The 2.5 Ã... Structure of the Enterococcus Conjugation Protein TraM resembles VirB8 Type IV Secretion Proteins. Journal of Biological Chemistry, 2013, 288, 2018-2028.	3.4	50
25	Distinct composition of human fetal HDL attenuates its anti-oxidative capacity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 737-746.	2.4	48
26	Novel Fluorescent Phosphonic Acid Esters for Discrimination of Lipases and Esterases. ChemBioChem, 2005, 6, 1776-1781.	2.6	47
27	Cholesteryl ester hydrolase activity is abolished in HSL macrophages but unchanged in macrophages lacking KIAA1363. Journal of Lipid Research, 2010, 51, 2896-2908.	4.2	45
28	More than just a Halogenase: Modification of Fatty Acyl Moieties by a Trifunctional Metal Enzyme. ChemBioChem, 2014, 15, 567-574.	2.6	45
29	Conformational Plasticity and Ligand Binding of Bacterial Monoacylglycerol Lipase. Journal of Biological Chemistry, 2013, 288, 31093-31104.	3.4	44
30	Proteomics and phosphoproteomics analysis of liver in male rats exposed to bisphenol A: Mechanism of hepatotoxicity and biomarker discovery. Food and Chemical Toxicology, 2018, 112, 26-38.	3.6	44
31	Synergistic modular promoter and gene optimization to push cellulase secretion by Pichia pastoris beyond existing benchmarks. Journal of Biotechnology, 2014, 191, 187-195.	3.8	41
32	Plasma proteins facilitates placental transfer of polystyrene particles. Journal of Nanobiotechnology, 2020, 18, 128.	9.1	38
33	Extracellular serine proteases from Stenotrophomonas maltophilia: Screening, isolation and heterologous expression in E. coli. Journal of Biotechnology, 2012, 157, 140-147.	3.8	37
34	Restoration of Renal Function Does Not Correct Impairment of Uremic HDL Properties. Journal of the American Society of Nephrology: JASN, 2015, 26, 565-575.	6.1	37
35	Lysosomal acid lipase regulates VLDL synthesis and insulin sensitivity in mice. Diabetologia, 2016, 59, 1743-1752.	6.3	37
36	Nasal mucus proteome and its involvement in allergic rhinitis. Expert Review of Proteomics, 2020, 17, 191-199.	3.0	37

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37	N-acetylaspartate catabolism determines cytosolic acetyl-CoA levels and histone acetylation in brown adipocytes. Scientific Reports, 2016, 6, 23723.	3.3	36
38	Gestational diabetes mellitus modulates neonatal high-density lipoprotein composition and its functional heterogeneity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 1619-1627.	2.4	35
39	Deletion of Adipose Triglyceride Lipase Links Triacylglycerol Accumulation to a More-Aggressive Phenotype in A549 Lung Carcinoma Cells. Journal of Proteome Research, 2018, 17, 1415-1425.	3.7	35
40	Alternative pig liver esterase (APLE) â€“ Cloning, identification and functional expression in Pichia pastoris of a versatile new biocatalyst. Journal of Biotechnology, 2008, 133, 301-310.	3.8	33
41	A Stereoselective Inverting sec-Alkylsulfatase for the Deracemization of sec-Alcohols. Organic Letters, 2011, 13, 4296-4299.	4.6	33
42	Functional fat body proteomics and gene targeting reveal inÂvivo functions of Drosophila melanogaster Î±-Esterase-7. Insect Biochemistry and Molecular Biology, 2012, 42, 220-229.	2.7	33
43	The PPARÎ± agonist fenofibrate suppresses B-cell lymphoma in mice by modulating lipid metabolism. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 1555-1565.	2.4	32
44	Newborn platelets: Lower levels of protease-activated receptors cause hypoaggregability to thrombin. Platelets, 2010, 21, 641-647.	2.3	31
45	Variations of dissection properties and mass fractions with thrombus age in human abdominal aortic aneurysms. Journal of Biomechanics, 2014, 47, 14-23.	2.1	31
46	Refined purification strategy for reliable proteomic profiling of HDL2/3: Impact on proteomic complexity. Scientific Reports, 2016, 6, 38533.	3.3	31
47	Biogenesis and cellular dynamics of aminoglycerophospholipids. International Review of Cytology, 2003, 225, 273-323.	6.2	30
48	Identification of various lipolytic enzymes in crude porcine pancreatic lipase preparations using covalent fluorescent inhibitors. Biotechnology and Bioengineering, 2004, 85, 147-154.	3.3	30
49	Contribution of different biosynthetic pathways to species selectivity of aminoglycerophospholipids assembled into mitochondrial membranes of the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1686, 148-160.	2.4	30
50	Tsr4 and Nap1, two novel members of the ribosomal protein chaperOME. Nucleic Acids Research, 2019, 47, 6984-7002.	14.5	28
51	Nuclear import of dimerized ribosomal protein Rps3 in complex with its chaperone Yar1. Scientific Reports, 2016, 6, 36714.	3.3	26
52	Crystal structure of the Saccharomyces cerevisiae monoglyceride lipase Yju3p. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 462-470.	2.4	25
53	Polyphenol oxidases exhibit promiscuous proteolytic activity. Communications Chemistry, 2020, 3, .	4.5	25
54	C-terminal truncation of a metagenome-derived detergent protease for effective expression in E. coli. Journal of Biotechnology, 2010, 150, 408-416.	3.8	24

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55	Activated zeoliteâ€"suitable carriers for microorganisms in anaerobic digestion processes?. Applied Microbiology and Biotechnology, 2013, 97, 3225-3238.	3.6	24
56	Myristic acid induces proteomic and secretomic changes associated with steatosis, cytoskeleton remodeling, endoplasmic reticulum stress, protein turnover and exosome release in HepG2 cells. Journal of Proteomics, 2018, 181, 118-130.	2.4	24
57	Functional proteomics in lipid research: Lipases, lipid droplets and lipoproteins. Journal of Proteomics, 2009, 72, 1006-1018.	2.4	23
58	Homoallylic Alcohols via a Chemoâ€Enzymatic Oneâ€Pot Oxidationâ€"Allylation Cascade. Advanced Synthesis and Catalysis, 2011, 353, 2354-2358.	4.3	23
59	Activity based subcellular resolution imaging of lipases. Bioorganic and Medicinal Chemistry, 2012, 20, 628-632.	3.0	23
60	Cleaning out the Litterbox of Proteomic Scientistsâ€™ Favorite Pet: Optimized Data Analysis Avoiding Trypsin Artifacts. Journal of Proteome Research, 2016, 15, 1222-1229.	3.7	23
61	Biotechnological advances towards an enhanced peroxidase production in Pichia pastoris. Journal of Biotechnology, 2016, 233, 181-189.	3.8	23
62	Low cardiac lipolysis reduces mitochondrial fission and prevents lipotoxic heart dysfunction in Perilipin 5 mutant mice. Cardiovascular Research, 2020, 116, 339-352.	3.8	23
63	Addressing Glutathione Redox Status in Clinical Samples by Two-Step Alkylation with N-ethylmaleimide Isotopologues. Metabolites, 2020, 10, 71.	2.9	23
64	Effect of Noncanonical Amino Acids on Proteinâ€"Carbohydrate Interactions: Structure, Dynamics, and Carbohydrate Affinity of a Lectin Engineered with Fluorinated Tryptophan Analogs. ACS Chemical Biology, 2018, 13, 2211-2219.	3.4	22
65	Enzyme discovery beyond homology: a unique hydroxynitrile lyase in the Bet v1 superfamily. Scientific Reports, 2017, 7, 46738.	3.3	21
66	Irreversible oxidative post-translational modifications in heart disease. Expert Review of Proteomics, 2019, 16, 681-693.	3.0	21
67	Engineering of Aerococcus viridans<scp>l</scp>-Lactate Oxidase for Site-Specific PEGylation: Characterization and Selective Bioorthogonal Modification of a S218C Mutant. Bioconjugate Chemistry, 2012, 23, 1406-1414.	3.6	20
68	Apolipoproteins have a potential role in nasal mucus of allergic rhinitis patients: A proteomic study. Laryngoscope, 2015, 125, E91-E96.	2.0	20
69	Outgrowth, proliferation, viability, angiogenesis and phenotype of primary human endothelial cells in different purchasable endothelial culture media: feed wisely. Histochemistry and Cell Biology, 2019, 152, 377-390.	1.7	20
70	Proteomic Analysis of Vocal Fold Fibroblasts Exposed to Cigarette Smoke Extract: Exploring the Pathophysiology of Reinke's Edema*. Molecular and Cellular Proteomics, 2019, 18, 1511-1525.	3.8	20
71	Differential activity-based gel electrophoresis for comparative analysis of lipolytic and esterolytic activities. Journal of Lipid Research, 2009, 50, 1281-1292.	4.2	19
72	Endothelial lipase increases antioxidative capacity of high-density lipoprotein. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1363-1374.	2.4	19

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73	Inhibitor and Protein Microarrays for Activity-Based Recognition of Lipolytic Enzymes. ChemBioChem, 2006, 7, 527-534.	2.6	18
74	A quantitative metabolic analysis reveals Acetobacterium woodii as a flexible and robust host for formate-based bioproduction. Metabolic Engineering, 2021, 68, 68-85.	7.0	18
75	Integrative metabolomics as emerging tool to study autophagy regulation. Microbial Cell, 2017, 4, 240-258.	3.2	18
76	A versatile library of activity-based probes for fluorescence detection and/or affinity isolation of lipolytic enzymes. Chemistry and Physics of Lipids, 2006, 144, 60-68.	3.2	17
77	Seasonal proteome changes of nasal mucus reflect perennial inflammatory response and reduced defence mechanisms and plasticity in allergic rhinitis. Journal of Proteomics, 2016, 133, 153-160.	2.4	17
78	Characterization of a lipid droplet protein from Yarrowia lipolytica that is required for its oleaginous phenotype. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 1193-1205.	2.4	17
79	Cysteine oxidation triggers amyloid fibril formation of the tumor suppressor p16INK4A. Redox Biology, 2020, 28, 101316.	9.0	17
80	Lipolytic and esterolytic activityâ€based profiling of murine liver. Proteomics, 2008, 8, 3645-3656.	2.2	16
81	Enzymatic synthesis of antibody-human serum albumin conjugate for targeted drug delivery using tyrosinase from Agaricus bisporus. RSC Advances, 2013, 3, 1460-1467.	3.6	16
82	Comparative proteomics of paired vocal fold and oral mucosa fibroblasts. Journal of Proteomics, 2017, 155, 11-21.	2.4	16
83	APMAP interacts with lysyl oxidaseâ€“like proteins, and disruption ofApmapleads to beneficial visceral adipose tissue expansion. FASEB Journal, 2017, 31, 4088-4103.	0.5	16
84	Activity-Based Proteomics of Lipolytic Enzymes. Current Drug Discovery Technologies, 2007, 4, 1-11.	1.2	15
85	Functional Proteomic Analysis of Lipases and Esterases in Cultured Human Adipocytes. Journal of Proteome Research, 2010, 9, 6334-6344.	3.7	15
86	Bacterially expressed and optimized recombinant Phl p 1 is immunobiochemically equivalent to natural Phl p 1. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 1701-1709.	2.3	14
87	Proteomics reveals selective regulation of proteins in response to memoryâ€related serotonin stimulation in Aplysia californica ganglia. Proteomics, 2012, 12, 490-499.	2.2	14
88	Unique Crystal Structure of a Novel Surfactant Protein from the Foam Nest of the Frog Leptodactylus vastus. ChemBioChem, 2014, 15, 393-398.	2.6	14
89	Alteration of protein profile in cerebral cortex of rats exposed to bisphenol a: a proteomics study. NeuroToxicology, 2020, 78, 1-10.	3.0	14
90	Synergism of proteomics and mRNA sequencing for enzyme discovery. Journal of Biotechnology, 2016, 235, 132-138.	3.8	13

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91	A Broad Spectrum Protein Glycosylation System Influences Type II Protein Secretion and Associated Phenotypes in Vibrio cholerae. Frontiers in Microbiology, 2019, 10, 2780.	3.5	13
92	d-Xylulose kinase from Saccharomyces cerevisiae: Isolation and characterization of the highly unstable enzyme, recombinantly produced in Escherichia coli. Protein Expression and Purification, 2011, 79, 223-230.	1.3	12
93	Phosphoryl Transfer from Î±- <scp>d</scp> -Glucose 1-Phosphate Catalyzed by Escherichia coli Sugar-Phosphate Phosphatases of Two Protein Superfamily Types. Applied and Environmental Microbiology, 2015, 81, 1559-1572.	3.1	12
94	Recombinant production of a peroxidase-protein G fusion protein in Pichia pastoris. Journal of Biotechnology, 2016, 219, 24-27.	3.8	12
95	Quantification of Cellular Folate Species by LC-MS after Stabilization by Derivatization. Analytical Chemistry, 2018, 90, 7349-7356.	6.5	12
96	Structure of the double-stranded DNA-binding type IV secretion protein TraN fromEnterococcus. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 2376-2389.	2.5	11
97	The Positive Association between Plasma Myristic Acid and ApoCIII Concentrations in Cardiovascular Disease Patients Is Supported by the Effects of Myristic Acid in HepG2 Cells. Journal of Nutrition, 2020, 150, 2707-2715.	2.9	11
98	A Semi-Rationally Engineered Bacterial Pyrrolysyl-tRNA Synthetase Genetically Encodes Phenyl Azide Chemistry. Biotechnology Journal, 2019, 14, 1800125.	3.5	10
99	Adipose Triglyceride Lipase Loss Promotes a Metabolic Switch in A549 Nonâ€“Small Cell Lung Cancer Cell Spheroids. Molecular and Cellular Proteomics, 2021, 20, 100095.	3.8	10
100	Targeted Chemotherapy of Glioblastoma Spheroids with an Iontronic Pump. Advanced Materials Technologies, 2021, 6, 2001302.	5.8	10
101	Nonâ€native aggregation of recombinant human granulocyteâ€colony stimulating factor under simulated process stress conditions. Biotechnology Journal, 2012, 7, 1014-1024.	3.5	9
102	Mass Spectrometry-Based Redox and Protein Profiling of Failing Human Hearts. International Journal of Molecular Sciences, 2021, 22, 1787.	4.1	9
103	The type IV secretion protein TraK from theEnterococcusconjugative plasmid pIP501 exhibits a novel fold. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 1124-1135.	2.5	9
104	Off-target effects of the lysosomal acid lipase inhibitors Lalistat-1 and Lalistat-2 on neutral lipid hydrolases. Molecular Metabolism, 2022, 61, 101510.	6.5	9
105	Pichia pastoris mutants as host strains for efficient secretion of recombinant branched chain aminotransferase (BCAT). Journal of Biotechnology, 2016, 235, 84-91.	3.8	8
106	Spatially Resolved Activity-based Proteomic Profiles of the Murine Small Intestinal Lipases. Molecular and Cellular Proteomics, 2020, 19, 2104-2115.	3.8	8
107	Proteomic Changes of Activated Hepatic Stellate Cells. International Journal of Molecular Sciences, 2021, 22, 12782.	4.1	8
108	P2612Elevated cardiac troponin T but not troponin I in patients with skeletal muscle disease. European Heart Journal, 2017, 38, .	2.2	7

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109	Folding Assessment of Incorporation of Noncanonical Amino Acids Facilitates Expansion of Functionalâ€Group Diversity for Enzyme Engineering. Chemistry - A European Journal, 2020, 26, 12338-12342.	3.3	7
110	SUCNR1 Is Expressed in Human Placenta and Mediates Angiogenesis: Significance in Gestational Diabetes. International Journal of Molecular Sciences, 2021, 22, 12048.	4.1	7
111	Crystallization and preliminary structure determination of the transfer protein TraM from the Gram-positive conjugative plasmid pIP501. Acta Crystallographica Section F: Structural Biology Communications, 2013, 69, 178-183.	0.7	6
112	A robust and simple protocol for the synthesis of arylfluorophosphonates. Tetrahedron Letters, 2015, 56, 5619-5622.	1.4	6
113	Transcriptomic Profiling of Canine Atrial Fibrillation Models After One Week of Sustained Arrhythmia. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009887.	4.8	6
114	Towards the structure of the C-terminal part of the S-layer protein SbsC. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 1042-1047.	0.7	5
115	Gelâ€based mass spectrometric analysis of hippocampal transmembrane proteins using high resolution LTQ Orbitrap Velos Pro. Proteomics, 2014, 14, 2084-2088.	2.2	5
116	The cytotoxicity of the Î±1-adrenoceptor antagonist prazosin is linked to an endocytotic mechanism equivalent to transport-P. Toxicology, 2015, 338, 17-29.	4.2	5
117	Resolution Ladder for High-Resolution Mass Spectrometry. Analytical Chemistry, 2017, 89, 9611-9615.	6.5	5
118	Olfactory cleft proteome does not reflect olfactory performance in patients with idiopathic and postinfectious olfactory disorder: A pilot study. Scientific Reports, 2018, 8, 17554.	3.3	5
119	Transgene integration causes RARB downregulation in homozygous Tg4â€“42 mice. Scientific Reports, 2020, 10, 6377.	3.3	5
120	Comparative proteomics of common allergenic tree pollens of birch, alder, and hazel. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1743-1753.	5.7	5
121	Lipolytic proteomics. Mass Spectrometry Reviews, 2012, 31, 570-582.	5.4	4
122	Bioprospecting for Hydroxynitrile Lyases by Blue Native PAGE Coupled HCN Detection. Current Biotechnology, 2015, 4, 111-117.	0.4	4
123	Comparison of tear proteome in allergic rhinoconjunctivitis patients and controls with respect to pollen season. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1541-1543.	5.7	4
124	High density lipoprotein cholesterol and proteome in SR-B1 KO mice: lost in precipitation. Journal of Translational Medicine, 2018, 16, 309.	4.4	4
125	Activity-Based Profiling of Lipases in Living Cells. , 2009, 580, 251-266.		3
126	The (potential) role of apolipoproteins in nasal mucus of allergic rhinitis patients. Clinical and Translational Allergy, 2014, 4, .	3.2	3

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127	Structures of almond hydroxynitrile lyase isoenzyme 5 provide a rationale for the lack of oxidoreductase activity in flavin dependent HNLs. Journal of Biotechnology, 2016, 235, 24-31.	3.8	3
128	High-throughput in-field bioprospecting for cyanogenic plants and hydroxynitrile lyases. Biocatalysis and Biotransformation, 2020, 38, 234-240.	2.0	3
129	Blood Plasma Quality Control by Plasma Glutathione Status. Antioxidants, 2021, 10, 864.	5.1	3
130	Descriptive proteomics of paired human vocal fold and buccal mucosa tissue. Proteomics - Clinical Applications, 2021, , 2100050.	1.6	3
131	Proteomic characterization of the abdominal ganglion of Aplysia californicaâ€"A protein resource for neuroscience. Proteomics, 2012, 12, 2482-2486.	2.2	2
132	Crystallization and preliminary X-ray diffraction of the surfactant proteinLv-ranaspumin from the frogLeptodactylus vastus. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 321-323.	0.7	2
133	Prazosin induced lysosomal tubulation interferes with cytokinesis and the endocytic sorting of the tumour antigen CD98hc. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 1211-1229.	4.1	2
134	A possible role of gas-phase electrophoretic mobility molecular analysis (nES GEMMA) in extracellular vesicle research. Analytical and Bioanalytical Chemistry, 2021, 413, 7341-7352.	3.7	2
135	Hepatocyte Proteome Alterations Induced by Individual and Combinations of Common Free Fatty Acids. International Journal of Molecular Sciences, 2022, 23, 3356.	4.1	2
136	Weighing the Proteasome for Covalent Modifications. Chemistry and Biology, 2015, 22, 315-316.	6.0	1
137	The drug target monoacylglycerol lipase: structure and dynamics, conservation and divergence. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, e616-e616.	0.1	1
138	93-OR: Low Maternal Insulin Sensitivity Associates with DNA-Related Functions in Human First-Trimester Trophoblast. Diabetes, 2020, 69, .	0.6	1
139	Protective Effect of Crocin on Malathion-induced Cardiotoxicity in Rats: A Biochemical, Histopathological and Proteomics Study. Iranian Journal of Pharmaceutical Research, 2021, 20, 156-172.	0.5	1
140	Overexpression of recombinant proteins containing non-canonical amino acids in Vibrio natriegens: p-azido-L-phenylalanine as coupling site for 19F-tags. Amino Acids, 2022, 54, 1041-1053.	2.7	1
141	Fluorescent Probes for Lipolytic Enzymes. , 2006, , 239-269.		0
142	47th International Conference on the Bioscience of Lipids, Short Oral Presentations. Chemistry and Physics of Lipids, 2006, 143, 58-65.	3.2	0
143	The effect of carbamylation on the functionality of high-density lipoprotein. BMC Pharmacology, 2009, 9, .	0.4	0
144	Clinoptilolite â€“ a probiotic mineral for eupeptic biogas production plants. New Biotechnology, 2012, 29, S45.	4.4	0

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145	Clinoptilolite â€“ a probiotic mineral for eupeptic biogas production plants. New Biotechnology, 2012, 29, S189-S190.	4.4	0
146	Uremia alters HDL composition and cholesterol efflux capacity. BMC Pharmacology & Toxicology, 2012, 13, A15.	2.4	0
147	Comparative proteomic analysis of tear fluid versus nasal mucus in allergic rhinitis patients and healthy controls. Clinical and Translational Allergy, 2013, 3, P18.	3.2	0
148	Molecular Composition and Function of High-Density Lipoprotein Is Uniquely Altered After Kidney Transplantation.. Transplantation, 2014, 98, 565.	1.0	0
149	Endothelial lipase attenuates vasorelaxing capacity of HDL. Atherosclerosis, 2014, 235, e45.	0.8	0
150	Tracking Protein Sâ€Fatty Acylation with Proteomics. ChemBioChem, 2016, 17, 1488-1490.	2.6	0
151	Liver disease alters high-density lipoprotein composition, metabolism and function. Atherosclerosis, 2016, 252, e225.	0.8	0
152	Reply. Journal of the American College of Cardiology, 2018, 72, 349-350.	2.8	0
153	Targeted Chemotherapy: Targeted Chemotherapy of Glioblastoma Spheroids with an Iontronic Pump (Adv. Mater. Technol. 5/2021). Advanced Materials Technologies, 2021, 6, 2170026.	5.8	0
154	Transcriptome and proteome of the corm, leaf and flower of Hypoxis hemerocallidea (African potato). PLoS ONE, 2021, 16, e0253741.	2.5	0
155	Oxygen Sensing of Mesenchymal Stem and Progenitor Cells Facilitates Neo-Vasculogenesis In Vivo. Blood, 2010, 116, 4313-4313.	1.4	0
156	Die Rolle von â€žProteomicsâ€œ in der Erforschung des Nasensekrets bei Allergischer Rhinitis. Allergologie, 2017, 40, 503-506.	0.1	0