

Karen R Jonscher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6190094/publications.pdf>

Version: 2024-02-01

41
papers

2,623
citations

304743

22
h-index

395702

33
g-index

43
all docs

43
docs citations

43
times ranked

4255
citing authors

#	ARTICLE	IF	CITATIONS
1	MPYS, a Novel Membrane Tetraspanner, Is Associated with Major Histocompatibility Complex Class II and Mediates Transduction of Apoptotic Signals. <i>Molecular and Cellular Biology</i> , 2008, 28, 5014-5026.	2.3	363
2	Fatty liver is associated with reduced SIRT3 activity and mitochondrial protein hyperacetylation. <i>Biochemical Journal</i> , 2011, 433, 505-514.	3.7	339
3	Identification of Novel MAP Kinase Pathway Signaling Targets by Functional Proteomics and Mass Spectrometry. <i>Molecular Cell</i> , 2000, 6, 1343-1354.	9.7	246
4	Improving Reproducibility and Sensitivity in Identifying Human Proteins by Shotgun Proteomics. <i>Analytical Chemistry</i> , 2004, 76, 3556-3568.	6.5	225
5	The Quadrupole Ion Trap Mass Spectrometer—A Small Solution to a Big Challenge. <i>Analytical Biochemistry</i> , 1997, 244, 1-15.	2.4	220
6	Developmental origins of NAFLD: a womb with a clue. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 81-96.	17.8	162
7	Analysis of 25 underivatized amino acids in human plasma using ion-pairing reversed-phase liquid chromatography/time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2717-2726.	1.5	134
8	Acrolein Inhibits Cytokine Gene Expression by Alkylating Cysteine and Arginine Residues in the NF- κ B1 DNA Binding Domain. <i>Journal of Biological Chemistry</i> , 2007, 282, 19666-19675.	3.4	103
9	Interlaboratory Study on Differential Analysis of Protein Glycosylation by Mass Spectrometry: The ABRF Glycoprotein Research Multi-Institutional Study 2012. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2935-2951.	3.8	103
10	Spaceflight Activates Lipotoxic Pathways in Mouse Liver. <i>PLoS ONE</i> , 2016, 11, e0152877.	2.5	69
11	Reduced mitochondrial function in obesity-associated fatty liver: SIRT3 takes on the fat. <i>Aging</i> , 2011, 3, 175-178.	3.1	61
12	Matrix-assisted laser desorption of peptides and proteins on a quadrupole ion trap mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 20-26.	1.5	55
13	Characterisation of potential novel allergens in the fish parasite <i>Anisakis simplex</i> . <i>EuPA Open Proteomics</i> , 2014, 4, 140-155.	2.5	48
14	Spaceflight Activates Autophagy Programs and the Proteasome in Mouse Liver. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2062.	4.1	48
15	Association of Immunosuppressant-Induced Protein Changes in the Rat Kidney with Changes in Urine Metabolite Patterns: A Proteo-Metabonomic Study. <i>Journal of Proteome Research</i> , 2010, 9, 865-875.	3.7	45
16	Early PQQ supplementation has persistent long-term protective effects on developmental programming of hepatic lipotoxicity and inflammation in obese mice. <i>FASEB Journal</i> , 2017, 31, 1434-1448.	0.5	45
17	Is spaceflight-induced immune dysfunction linked to systemic changes in metabolism?. <i>PLoS ONE</i> , 2017, 12, e0174174.	2.5	45
18	Pyrrroloquinoline quinone prevents developmental programming of microbial dysbiosis and macrophage polarization to attenuate liver fibrosis in offspring of obese mice. <i>Hepatology Communications</i> , 2018, 2, 313-328.	4.3	44

#	ARTICLE	IF	CITATIONS
19	Matrix-assisted Laser Desorption Ionization/Quadrupole Ion Trap Mass Spectrometry of Peptides. <i>Journal of Biological Chemistry</i> , 1997, 272, 1735-1741.	3.4	40
20	Comparison of lung proteome profiles in two rodent models of pulmonary arterial hypertension. <i>Proteomics</i> , 2007, 7, 2469-2478.	2.2	40
21	Characterization of potential allergens in fenugreek (<i>Trigonella foenum-graecum</i>) using patient sera and MS-based proteomic analysis. <i>Journal of Proteomics</i> , 2010, 73, 1321-1333.	2.4	38
22	Shotgun Proteomic Analysis of Vaginal Fluid From Women in Late Pregnancy. <i>Reproductive Sciences</i> , 2008, 15, 263-273.	2.5	37
23	Pyroloquinoline-Quinone Is More Than an Antioxidant: A Vitamin-like Accessory Factor Important in Health and Disease Prevention. <i>Biomolecules</i> , 2021, 11, 1441.	4.0	29
24	Annexin A2 Enhances Complement Activation by Inhibiting Factor H. <i>Journal of Immunology</i> , 2016, 196, 1355-1365.	0.8	16
25	Mixture Analysis Using a Quadrupole Mass Filter/Quadrupole Ion Trap Mass Spectrometer. <i>Analytical Chemistry</i> , 1996, 68, 659-667.	6.5	15
26	Mindfulness-Based Stress Reduction for Military Women With Chronic Pelvic Pain: A Feasibility Study. <i>Military Medicine</i> , 2016, 181, 982-989.	0.8	10
27	Methods in Functional Proteomics: Two-Dimensional Polyacrylamide Gel Electrophoresis With Immobilized pH Gradients In-Gel Digestion and Identification of Proteins by Mass Spectrometry. , 2004, 250, 263-282.		8
28	Islet autoantibody seroconversion in type-1 diabetes is associated with metagenome-assembled genomes in infant gut microbiomes. <i>Nature Communications</i> , 2022, 13, .	12.8	8
29	Evaluation of Urinary Protein Precipitation Protocols for the Multidisciplinary Approach to the Study of Chronic Pelvic Pain Research Network. <i>Journal of Biomolecular Techniques</i> , 2014, 25, jbt.14-2504-004.	1.5	5
30	Assessment of Fatty Liver in Models of Disease Programming. <i>Methods in Molecular Biology</i> , 2018, 1735, 251-266.	0.9	4
31	Pyroloquinoline Quinone. , 2019, , 157-173.		3
32	Maternal Diet Alters Trained Immunity in the Pathogenesis of Pediatric NAFLD. , 2020, 2, 315-325.		3
33	Maternal Pyroloquinoline Quinone Supplementation Improves Offspring Liver Bioactive Lipid Profiles throughout the Lifespan and Protects against the Development of Adult NAFLD. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6043.	4.1	3
34	Current Models of Fatty Liver Disease; New Insights, Therapeutic Targets and Interventions. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1134, 33-58.	1.6	1
35	Comparative Effects of Pyroloquinoline Quinone (PQQ) and Resveratrol (RSV) on Mitochondriogenesis in Mice. <i>FASEB Journal</i> , 2021, 35, .	0.5	1
36	Research Profile: Decoding the chromosome core with top-down MS. <i>Analytical Chemistry</i> , 2006, 78, 4244-4244.	6.5	0

#	ARTICLE	IF	CITATIONS
37	Not your run-of-the-mill test tube. <i>Analytical Chemistry</i> , 2006, 78, 6709-6713.	6.5	0
38	Research Profile: To trap or transmit, that is the question <i>Analytical Chemistry</i> , 2007, 79, 3235-3235.	6.5	0
39	Research Profile: High power for mid-level proteomics. <i>Analytical Chemistry</i> , 2007, 79, 3959-3959.	6.5	0
40	Recent Observations on the Heterogeneity of Human Effector Memory T Cells and Novel Cytokines Implicated in Cutaneous Inflammation and Psoriasis. <i>Psoriasis Forum</i> , 2012, 18a, 126-141.	0.1	0
41	ABRF 2012: Best Poster Competition. <i>Journal of Biomolecular Techniques</i> , 2012, 23, 83-83.	1.5	0