

List of Publications by Citations

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**Version:** 2024-04-10

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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.

54 papers	1,416 citations	22 h-index	37 g-index
58 ext. papers	1,646 ext. citations	4.3 avg, IF	4.1 L-index

#	Paper	IF	Citations
54	Methods for lipase detection and assay: a critical review. <i>European Journal of Lipid Science and Technology</i> , <b>2000</b> , 102, 133-153	3	241
53	Functional Foods and Lifestyle Approaches for Diabetes Prevention and Management. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	138
52	Effects of gum arabic on lipase interfacial binding and activity. <i>Analytical Biochemistry</i> , <b>2001</b> , 294, 36-43	3.1	103
51	Conformational changes and orientation of Humicola lanuginosa lipase on a solid hydrophobic surface: an in situ interface Fourier transform infrared-attenuated total reflection study. <i>Biophysical Journal</i> , <b>2002</b> , 82, 2709-19	2.9	72
50	Proteomics analysis of human obesity reveals the epigenetic factor HDAC4 as a potential target for obesity. <i>PLoS ONE</i> , <b>2013</b> , 8, e75342	3.7	64
49	Mass spectrometry in clinical proteomics - from the present to the future. <i>Proteomics - Clinical Applications</i> , <b>2009</b> , 3, 6-17	3.1	62
48	Serum peptide profiling using MALDI mass spectrometry: avoiding the pitfalls of coated magnetic beads using well-established ZipTip technology. <i>Proteomics</i> , <b>2007</b> , 7 Suppl 1, 77-89	4.8	49
47	Surface behaviour of bile salts and tetrahydrolipstatin at air/water and oil/water interfaces. <i>Chemistry and Physics of Lipids</i> , <b>2001</b> , 111, 73-85	3.7	49
46	The Synergy between Palmitate and TNF- $\alpha$ for CCL2 Production Is Dependent on the TRIF/IRF3 Pathway: Implications for Metabolic Inflammation. <i>Journal of Immunology</i> , <b>2018</b> , 200, 3599-3611	5.3	43
45	DNAJB3/HSP-40 cochaperone is downregulated in obese humans and is restored by physical exercise. <i>PLoS ONE</i> , <b>2013</b> , 8, e69217	3.7	42
44	Prevalence of Urinary Tract Infection and Antimicrobial Susceptibility among Diabetic Patients with Controlled and Uncontrolled Glycemia in Kuwait. <i>Journal of Diabetes Research</i> , <b>2016</b> , 2016, 6573215	3.9	40
43	Inhibition of human pancreatic lipase by tetrahydrolipstatin: Further kinetic studies showing its reversibility. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2009</b> , 58, 41-47		36
42	Physical exercise reduces the expression of RANTES and its CCR5 receptor in the adipose tissue of obese humans. <i>Mediators of Inflammation</i> , <b>2014</b> , 2014, 627150	4.3	35
41	MAP kinase phosphatase DUSP1 is overexpressed in obese humans and modulated by physical exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2015</b> , 308, E71-83	6	31
40	Immunohistochemical profiling of the heat shock response in obese non-diabetic subjects revealed impaired expression of heat shock proteins in the adipose tissue. <i>Lipids in Health and Disease</i> , <b>2014</b> , 13, 106	4.4	31
39	Characterization of the DNA-binding site in the ferric uptake regulator protein from Escherichia coli by UV crosslinking and mass spectrometry. <i>FEBS Letters</i> , <b>2005</b> , 579, 5454-60	3.8	31
38	Peptides generated ex vivo from serum proteins by tumor-specific exopeptidases are not useful biomarkers in ovarian cancer. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 262-71	5.5	30

37	A well-characterised peak identification list of MALDI MS profile peaks for human blood serum. <i>Proteomics</i> , <b>2010</b> , 10, 3388-92	4.8	30
36	Physical exercise alleviates ER stress in obese humans through reduction in the expression and release of GRP78 chaperone. <i>Metabolism: Clinical and Experimental</i> , <b>2016</b> , 65, 1409-20	12.7	29
35	Insertion Process of a Protein Single Layer within a Newton Black Film. <i>Physical Review Letters</i> , <b>1999</b> , 82, 5297-5300	7.4	25
34	Physical Exercise Enhanced Heat Shock Protein 60 Expression and Attenuated Inflammation in the Adipose Tissue of Human Diabetic Obese. <i>Frontiers in Endocrinology</i> , <b>2018</b> , 9, 16	5.7	23
33	DNAJB3/HSP-40 cochaperone improves insulin signaling and enhances glucose uptake in vitro through JNK repression. <i>Scientific Reports</i> , <b>2015</b> , 5, 14448	4.9	23
32	Interfacial binding and activity of lipases at the lipid-water interface: effects of Gum Arabic and surface pressure. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2002</b> , 26, 135-145	6	22
31	Fetuin-A levels are increased in the adipose tissue of diabetic obese humans but not in circulation. <i>Lipids in Health and Disease</i> , <b>2018</b> , 17, 291	4.4	22
30	Transfer of orlistat through oil-water interfaces. <i>Chemistry and Physics of Lipids</i> , <b>2002</b> , 119, 41-9	3.7	19
29	Gender-specific association of oxidative stress and inflammation with cardiovascular risk factors in Arab population. <i>Mediators of Inflammation</i> , <b>2015</b> , 2015, 512603	4.3	15
28	Spexin as an indicator of beneficial effects of exercise in human obesity and diabetes. <i>Scientific Reports</i> , <b>2020</b> , 10, 10635	4.9	13
27	Gender differences in ghrelin association with cardiometabolic risk factors in arab population. <i>International Journal of Endocrinology</i> , <b>2014</b> , 2014, 730472	2.7	11
26	Plasma and adipose tissue level of angiopoietin-like 7 (ANGPTL7) are increased in obesity and reduced after physical exercise. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173024	3.7	10
25	Conformal predictors in early diagnostics of ovarian and breast cancers. <i>Progress in Artificial Intelligence</i> , <b>2012</b> , 1, 245-257	4	10
24	Multiprobabilistic prediction in early medical diagnoses. <i>Annals of Mathematics and Artificial Intelligence</i> , <b>2015</b> , 74, 203-222	0.8	9
23	Urocortin 3 Levels Are Impaired in Overweight Humans With and Without Type 2 Diabetes and Modulated by Exercise. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 762	5.7	8
22	A comparative kinetic study on human pancreatic and <i>Thermomyces lanuginosa</i> lipases: Inhibitory effects of tetrahydrolipstatin in the presence of lipid substrates. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2010</b> , 62, 19-26		7
21	Proteomic Analysis and Virulence Assessment of Secretome. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2019</b> , 9, 104	5.9	6
20	Biomarker discovery and redundancy reduction towards classification using a multi-factorial MALDI-TOF MS T2DM mouse model dataset. <i>BMC Bioinformatics</i> , <b>2011</b> , 12, 140	3.6	5

19	Multiprobabilistic Venn Predictors with Logistic Regression. <i>International Federation for Information Processing</i> , <b>2012</b> , 224-233		5
18	GLP-1 Analogue, Exendin-4, Modulates MAPKs Activity but not the Heat Shock Response in Human HepG2 Cells. <i>Proteomics - Clinical Applications</i> , <b>2018</b> , 12, 1600169	3.1	5
17	The GLP-1 analog exendin-4 modulates HSP72 expression and ERK1/2 activity in BTC6 mouse pancreatic cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2020</b> , 1868, 140426	4	4
16	Microbiological profile of diabetic foot ulcers in Kuwait. <i>PLoS ONE</i> , <b>2020</b> , 15, e0244306	3.7	4
15	DUSP1 Is a Potential Marker of Chronic Inflammation in Arabs with Cardiovascular Diseases. <i>Disease Markers</i> , <b>2018</b> , 2018, 9529621	3.2	3
14	Fetuin-a expression profile in mouse and human adipose tissue. <i>Lipids in Health and Disease</i> , <b>2020</b> , 19, 38	4.4	2
13	PR3 levels are impaired in plasma and PBMCs from Arabs with cardiovascular diseases. <i>PLoS ONE</i> , <b>2020</b> , 15, e0227606	3.7	1
12	Quality Control and Ethical Issues of Cancer Biomarker Discovery <b>2014</b> , 27-42		1
11	Circulating levels of urocortin neuropeptides are impaired in children with overweight.. <i>Obesity</i> , <b>2022</b> , 30, 472-481	8	1
10	Urocortin 3 overexpression reduces ER stress and heat shock response in 3T3-L1 adipocytes. <i>Scientific Reports</i> , <b>2021</b> , 11, 15666	4.9	1
9	MALDI MS-Based Biomarker Profiling of Blood Samples <b>2011</b> , 733-747		
8	PR3 levels are impaired in plasma and PBMCs from Arabs with cardiovascular diseases <b>2020</b> , 15, e0227606		
7	PR3 levels are impaired in plasma and PBMCs from Arabs with cardiovascular diseases <b>2020</b> , 15, e0227606		
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