

# Melissa M Grant

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,165  
citations

279487

23  
h-index

233125

45  
g-index

66  
all docs

66  
docs citations

66  
times ranked

3809  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impaired neutrophil extracellular trap formation: a novel defect in the innate immune system of aged individuals. <i>Aging Cell</i> , 2014, 13, 690-698.	3.0	257
2	Oxidative Stress in Vascular Dementia and Alzheimer's Disease: A Common Pathology. <i>Journal of Alzheimer's Disease</i> , 2008, 17, 245-257.	1.2	195
3	Release of Active Peptidyl Arginine Deiminases by Neutrophils Can Explain Production of Extracellular Citrullinated Autoantigens in Rheumatoid Arthritis Synovial Fluid. <i>Arthritis and Rheumatology</i> , 2015, 67, 3135-3145.	2.9	193
4	The use of proteomics for the assessment of clinical samples in research. <i>Clinical Biochemistry</i> , 2004, 37, 943-952.	0.8	85
5	Effect of micronutrient malnutrition on periodontal disease and periodontal therapy. <i>Periodontology 2000</i> , 2018, 78, 129-153.	6.3	84
6	The RASSF8 candidate tumor suppressor inhibits cell growth and regulates the Wnt and NF- $\kappa$ B signaling pathways. <i>Oncogene</i> , 2010, 29, 4307-4316.	2.6	83
7	Dysbiotic Subgingival Microbial Communities in Periodontally Healthy Patients With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2018, 70, 1008-1013.	2.9	81
8	Characterization of neutrophil function in Papillon-Lefèvre syndrome. <i>Journal of Leukocyte Biology</i> , 2016, 100, 433-444.	1.5	74
9	Induction of cytokines, MMP9, TIMPs, RANKL and OPG during orthodontic tooth movement. <i>European Journal of Orthodontics</i> , 2013, 35, 644-651.	1.1	73
10	Proteomic Analysis of a Noninvasive Human Model of Acute Inflammation and Its Resolution: The Twenty-one Day Gingivitis Model. <i>Journal of Proteome Research</i> , 2010, 9, 4732-4744.	1.8	72
11	Sulforaphane Restores Cellular Glutathione Levels and Reduces Chronic Periodontitis Neutrophil Hyperactivity In Vitro. <i>PLoS ONE</i> , 2013, 8, e66407.	1.1	70
12	Impaired neutrophil directional chemotactic accuracy in chronic periodontitis patients. <i>Journal of Clinical Periodontology</i> , 2015, 42, 1-11.	2.3	69
13	Nrf2 activation supports cell survival during hypoxia and hypoxia/reoxygenation in cardiomyoblasts; the roles of reactive oxygen and nitrogen species. <i>Redox Biology</i> , 2013, 1, 418-426.	3.9	63
14	Crevice fluid glutathione levels in periodontitis and the effect of non-surgical therapy. <i>Journal of Clinical Periodontology</i> , 2010, 37, 17-23.	2.3	57
15	The presence of ascorbate induces expression of brain derived neurotrophic factor in SH-SY5Y neuroblastoma cells after peroxide insult, which is associated with increased survival. <i>Proteomics</i> , 2005, 5, 534-540.	1.3	56
16	Lymphoid Aggregates That Resemble Tertiary Lymphoid Organs Define a Specific Pathological Subset in Metal-on-Metal Hip Replacements. <i>PLoS ONE</i> , 2013, 8, e63470.	1.1	50
17	Free radicals and redox signalling in T-cells during chronic inflammation and ageing. <i>Biochemical Society Transactions</i> , 2011, 39, 1273-1278.	1.6	37
18	Alpha tocopherol supplementation elevates plasma apolipoprotein A1 isoforms in normal healthy subjects. <i>Proteomics</i> , 2006, 6, 1695-1703.	1.3	34

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19	Homocysteine from endothelial cells promotes LDL nitration and scavenger receptor uptake. <i>Free Radical Biology and Medicine</i> , 2006, 40, 488-500.	1.3	33
20	Plasma Levels of Complement 4a Protein are Increased in Alzheimer's Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2012, 26, 329-334.	0.6	33
21	Carbamylated LL-37 as a modulator of the immune response. <i>Innate Immunity</i> , 2016, 22, 218-229.	1.1	32
22	The Saliva Proteome of Dogs: Variations Within and Between Breeds and Between Species. <i>Proteomics</i> , 2018, 18, 1700293.	1.3	29
23	The Human Salivary Antimicrobial Peptide Profile according to the Oral Microbiota in Health, Periodontitis and Smoking. <i>Journal of Innate Immunity</i> , 2019, 11, 432-444.	1.8	27
24	Metaproteome and metabolome of oral microbial communities. <i>Periodontology 2000</i> , 2021, 85, 46-81.	6.3	26
25	What do omic technologies have to offer periodontal clinical practice in the future?. <i>Journal of Periodontal Research</i> , 2012, 47, 2-14.	1.4	25
26	Biofilm formation on bone-anchored hearing aids. <i>Journal of Laryngology and Otology</i> , 2011, 125, 1125-1130.	0.4	23
27	Impact of Bariatric Surgical Intervention on Peripheral Blood Neutrophil (PBN) Function in Obesity. <i>Obesity Surgery</i> , 2018, 28, 1611-1621.	1.1	22
28	Dose-dependent modulation of the T cell proteome by ascorbic acid. <i>British Journal of Nutrition</i> , 2007, 97, 19-26.	1.2	21
29	Discovery, validation, and diagnostic ability of multiple protein-based biomarkers in saliva and gingival crevicular fluid to distinguish between health and periodontal diseases. <i>Journal of Clinical Periodontology</i> , 2022, 49, 622-632.	2.3	21
30	Oxygen tension modulates the cytokine response of oral epithelium to periodontal bacteria. <i>Journal of Clinical Periodontology</i> , 2010, 37, 1039-1048.	2.3	19
31	Ascorbate and $\alpha$ -tocopherol differentially modulate reactive oxygen species generation by neutrophils in response to Fc $\gamma$ 3R and TLR agonists. <i>Innate Immunity</i> , 2013, 19, 152-159.	1.1	19
32	Longitudinal quantification of the gingival crevicular fluid proteome during progression from gingivitis to periodontitis in a canine model. <i>Journal of Clinical Periodontology</i> , 2016, 43, 584-594.	2.3	19
33	The use of proteomic techniques to explore the holistic effects of nutrients in vivo. <i>Nutrition Research Reviews</i> , 2006, 19, 284-293.	2.1	16
34	Identification of SUMOylated proteins in neuroblastoma cells after treatment with hydrogen peroxide or ascorbate. <i>BMB Reports</i> , 2010, 43, 720-725.	1.1	15
35	Contributions to our understanding of T cell physiology through unveiling the T cell proteome. <i>Clinical and Experimental Immunology</i> , 2007, 149, 9-15.	1.1	14
36	On-line liquid chromatography neutral loss-triggered electron transfer dissociation mass spectrometry for the targeted analysis of citrullinated peptides. <i>Analytical Methods</i> , 2011, 3, 259-266.	1.3	12

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37	Novel Binding Partners and Differentially Regulated Phosphorylation Sites Clarify Eps8 as a Multi-Functional Adaptor. <i>PLoS ONE</i> , 2013, 8, e61513.	1.1	12
38	In vivo vitamin C supplementation increases phosphoinositol transfer protein expression in peripheral blood mononuclear cells from healthy individuals. <i>British Journal of Nutrition</i> , 2009, 101, 1432.	1.2	11
39	TiO <sub>2</sub> nanoparticles can selectively bind CXCL8 impacting on neutrophil chemotaxis. , 2018, 35, 13-24.		11
40	<i>Fusobacterium nucleatum</i> Subspecies Differ in Biofilm Forming Ability in vitro. <i>Frontiers in Oral Health</i> , 2022, 3, 853618.	1.2	11
41	Fluid Exudates From Inflamed Bone-Anchored Hearing Aids Demonstrate Elevated Levels of Cytokines and Biomarkers of Tissue and Bone Metabolism. <i>Otology and Neurotology</i> , 2010, 31, 433-439.	0.7	10
42	Next Generation Sequencing Discoveries of the Nitrate-Responsive Oral Microbiome and Its Effect on Vascular Responses. <i>Journal of Clinical Medicine</i> , 2019, 8, 1110.	1.0	10
43	A systematic review of methods used to sample and analyse periradicular tissue fluid during root canal treatment. <i>International Endodontic Journal</i> , 2019, 52, 1108-1127.	2.3	10
44	Cell passage-associated transient high oxygenation causes a transient decrease in cellular glutathione and affects T cell responses to apoptotic and mitogenic stimuli. <i>Environmental Toxicology and Pharmacology</i> , 2007, 23, 335-339.	2.0	8
45	Proteomic Investigations of In Vitro and In Vivo Models of Periodontal Disease. <i>Proteomics - Clinical Applications</i> , 2020, 14, 1900043.	0.8	7
46	Alteration of Neutrophil Reactive Oxygen Species Production by Extracts of Devil's Claw ( <i>Harpagophytum</i> ). <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-9.	1.9	6
47	Antioxidant Micronutrients and Oxidative Stress Biomarkers. <i>Methods in Molecular Biology</i> , 2017, 1537, 61-77.	0.4	5
48	Pyruvate Kinase, Inflammation and Periodontal Disease. <i>Pathogens</i> , 2021, 10, 784.	1.2	5
49	The Histochemical Location of Arabinosidase and Xylosidase in Germinating Wheat Grains. <i>Journal of the Institute of Brewing</i> , 2002, 108, 478-480.	0.8	4
50	Purification of an Arabinofuranosidase and Two $\beta$ -Xylopyranosidases from Germinated Wheat. <i>Journal of the Institute of Brewing</i> , 2003, 109, 8-15.	0.8	3
51	Formulation of a reactive oxygen producing calcium sulphate cement as an anti-bacterial hard tissue scaffold. <i>Scientific Reports</i> , 2021, 11, 4491.	1.6	3
52	Periodontal health, neutrophil activity and cardiovascular health in captive chimpanzees. <i>Archives of Oral Biology</i> , 2022, 134, 105342.	0.8	2
53	Impact of Gingivitis on Circulating Neutrophil Reactivity and Gingival Crevicular Fluid Inflammatory Proteins. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6339.	1.2	2
54	Predicted salivary human protease activity in experimental gingivitis revealed by endoProteo $\alpha$ FASP approach. <i>European Journal of Oral Sciences</i> , 2020, 128, 386-394.	0.7	1

#	ARTICLE	IF	CITATIONS
55	Can the research impact of broadcast programming be determined?. Research for All, 0, 2, .	0.1	1
56	A Mass Spectrometric Approach to the Proteomic Profiling of the <i>Canis lupus familiaris</i> Acquired Enamel Pellicle on Hydroxyapatite Discs. Journal of Veterinary Dentistry, 2022, , 089875642210971.	0.1	1
57	Antioxidants and periodontal disease. , 2009, , 225-239.		0
58	The Presence of 3-Nitrotyrosine Affects the Site of Nitrosylation. Free Radical Biology and Medicine, 2013, 65, S90.	1.3	0
59	Oral Epithelial Cell Culture Model for Studying the Pathogenesis of Chronic Inflammatory Disease. Methods in Molecular Biology, 2017, 1537, 381-401.	0.4	0
60	Preclinical Validation of a Novel Device Designed to Reduce Biofilms on Percutaneous Osseointegrated Abutments. Otology and Neurotology, 2019, 40, 1116-1123.	0.7	0
61	Targeted Proteomics for Insight into Cardiovascular Disease in Great Apes. Journal of Comparative Pathology, 2020, 174, 154.	0.1	0