

Ryan T Demmer

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

5,963
citations

71102

41
h-index

74163

75
g-index

90
all docs

90
docs citations

90
times ranked

7679
citing authors

#	ARTICLE	IF	CITATIONS
1	Periodontal Microbiota and Carotid Intima-Media Thickness. <i>Circulation</i> , 2005, 111, 576-582.	1.6	430
2	Scientific evidence on the links between periodontal diseases and diabetes: Consensus report and guidelines of the joint workshop on periodontal diseases and diabetes by the International Diabetes Federation and the European Federation of Periodontology. <i>Journal of Clinical Periodontology</i> , 2018, 45, 138-149.	4.9	384
3	Relationship Between Periodontal Disease, Tooth Loss, and Carotid Artery Plaque. <i>Stroke</i> , 2003, 34, 2120-2125.	2.0	346
4	Periodontal Disease and Incident Type 2 Diabetes. <i>Diabetes Care</i> , 2008, 31, 1373-1379.	8.6	274
5	Epidemiologic patterns of chronic and aggressive periodontitis. <i>Periodontology 2000</i> , 2010, 53, 28-44.	13.4	207
6	Periodontal Status and A1C Change. <i>Diabetes Care</i> , 2010, 33, 1037-1043.	8.6	179
7	Scientific evidence on the links between periodontal diseases and diabetes: Consensus report and guidelines of the joint workshop on periodontal diseases and diabetes by the International diabetes Federation and the European Federation of Periodontology. <i>Diabetes Research and Clinical Practice</i> , 2018, 137, 231-241.	2.8	173
8	Periodontal infections and cardiovascular disease. <i>Journal of the American Dental Association</i> , 2006, 137, S14-S20.	1.5	163
9	Transcriptomes in Healthy and Diseased Gingival Tissues. <i>Journal of Periodontology</i> , 2008, 79, 2112-2124.	3.4	156
10	Periodontal bacteria and hypertension: the oral infections and vascular disease epidemiology study (INVEST). <i>Journal of Hypertension</i> , 2010, 28, 1413-1421.	0.5	156
11	Sugar-Sweetened Beverages and Weight Gain in 2- to 5-Year-Old Children. <i>Pediatrics</i> , 2013, 132, 413-420.	2.1	147
12	Prevalence of gluten-free diet adherence among individuals without celiac disease in the USA: results from the Continuous National Health and Nutrition Examination Survey 2009-2010. <i>Scandinavian Journal of Gastroenterology</i> , 2013, 48, 921-925.	1.5	146
13	Gender Differences in the Relationship Between Periodontal Disease, Tooth Loss, and Atherosclerosis. <i>Stroke</i> , 2004, 35, 2029-2035.	2.0	140
14	Peripheral venous congestion causes inflammation, neurohormonal, and endothelial cell activation. <i>European Heart Journal</i> , 2014, 35, 448-454.	2.2	116
15	Periodontal disease, tooth loss and incident rheumatoid arthritis: results from the First National Health and Nutrition Examination Survey and its epidemiological follow-up study. <i>Journal of Clinical Periodontology</i> , 2011, 38, 998-1006.	4.9	115
16	Validity and Reliability of a Novel Slow Cuff-Deflation System for Noninvasive Blood Pressure Monitoring in Patients With Continuous-Flow Left Ventricular Assist Device. <i>Circulation: Heart Failure</i> , 2013, 6, 1005-1012.	3.9	111
17	The Influence of Type 1 and Type 2 Diabetes on Periodontal Disease Progression. <i>Diabetes Care</i> , 2012, 35, 2036-2042.	8.6	108
18	Periodontal Infection, Systemic Inflammation, and Insulin Resistance. <i>Diabetes Care</i> , 2012, 35, 2235-2242.	8.6	103

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19	The Influence of Anti-Infective Periodontal Treatment on C-Reactive Protein: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>PLoS ONE</i> , 2013, 8, e77441.	2.5	100
20	Heterogeneity of systemic inflammatory responses to periodontal therapy. <i>Journal of Clinical Periodontology</i> , 2009, 36, 287-294.	4.9	99
21	Changes in Clinical and Microbiological Periodontal Profiles Relate to Progression of Carotid Intima-Media Thickness: The Oral Infections and Vascular Disease Epidemiology Study. <i>Journal of the American Heart Association</i> , 2013, 2, e000254.	3.7	95
22	Prevalence of Diagnosed and Undiagnosed Type 2 Diabetes Mellitus Among US Adolescents: Results From the Continuous NHANES, 1999-2010. <i>American Journal of Epidemiology</i> , 2013, 178, 1106-1113.	3.4	93
23	The subgingival microbiome, systemic inflammation and insulin resistance: The Oral Infections, Glucose Intolerance and Insulin Resistance Study. <i>Journal of Clinical Periodontology</i> , 2017, 44, 255-265.	4.9	84
24	Arsenic Exposure From Drinking Water, Arsenic Methylation Capacity, and Carotid Intima-Media Thickness in Bangladesh. <i>American Journal of Epidemiology</i> , 2013, 178, 372-381.	3.4	81
25	Radiographic Measures of Chronic Periodontitis and Carotid Artery Plaque. <i>Stroke</i> , 2005, 36, 561-566.	2.0	80
26	Right ventricular dysfunction is associated with chronic kidney disease and predicts survival in patients with chronic systolic heart failure. <i>European Journal of Heart Failure</i> , 2012, 14, 287-294.	7.1	80
27	Subgingival bacterial colonization profiles correlate with gingival tissue gene expression. <i>BMC Microbiology</i> , 2009, 9, 221.	3.3	77
28	Traditional Risk Factors Are Not Major Contributors to the Variance in Carotid Intima-Media Thickness. <i>Stroke</i> , 2013, 44, 2101-2108.	2.0	75
29	Cerebrovascular disease in the era of left ventricular assist devices with continuous flow: Risk factors, diagnosis, and treatment. <i>Journal of Heart and Lung Transplantation</i> , 2014, 33, 878-887.	0.6	75
30	Sex Differences in the Association Between Depression, Anxiety, and Type 2 Diabetes Mellitus. <i>Psychosomatic Medicine</i> , 2015, 77, 467-477.	2.0	66
31	Gut microbiota, endotoxemia, inflammation, and oxidative stress in patients with heart failure, left ventricular assist device, and transplant. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 880-890.	0.6	65
32	Venous Congestion and Endothelial Cell Activation in Acute Decompensated Heart Failure. <i>Current Heart Failure Reports</i> , 2010, 7, 66-74.	3.3	63
33	Refining exposure definitions for studies of periodontal disease and systemic disease associations. <i>Community Dentistry and Oral Epidemiology</i> , 2008, 36, 493-502.	1.9	56
34	Longitudinal evaluation of milk type consumed and weight status in preschoolers. <i>Archives of Disease in Childhood</i> , 2013, 98, 335-340.	1.9	56
35	Association of dietary patterns with the gut microbiota in older, community-dwelling men. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1003-1014.	4.7	55
36	Periodontal infection, impaired fasting glucose and impaired glucose tolerance: results from the Continuous National Health and Nutrition Examination Survey 2009-2010. <i>Journal of Clinical Periodontology</i> , 2014, 41, 643-652.	4.9	52

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37	Gingival tissue transcriptomes in experimental gingivitis. <i>Journal of Clinical Periodontology</i> , 2011, 38, 599-611.	4.9	48
38	POTENTIALLY TRAUMATIC EVENTS AND THE RISK OF SIX PHYSICAL HEALTH CONDITIONS IN A POPULATION-BASED SAMPLE. <i>Depression and Anxiety</i> , 2013, 30, 451-460.	4.1	48
39	Implantable Cardioverter-Defibrillators in Patients With a Continuous-Flow Left Ventricular Assist Device. <i>JACC: Heart Failure</i> , 2017, 5, 916-926.	4.1	47
40	Venous Congestion, Endothelial and Neurohormonal Activation in Acute Decompensated Heart Failure: Cause or Effect?. <i>Current Heart Failure Reports</i> , 2015, 12, 215-222.	3.3	46
41	Depressive Symptoms During Adolescence and Young Adulthood and the Development of Type 2 Diabetes Mellitus. <i>American Journal of Epidemiology</i> , 2016, 183, 269-276.	3.4	46
42	Periodontal therapy alters gene expression of peripheral blood monocytes. <i>Journal of Clinical Periodontology</i> , 2007, 34, 736-747.	4.9	44
43	Association Between Nitrate-Reducing Oral Bacteria and Cardiometabolic Outcomes: Results From ORIGINS. <i>Journal of the American Heart Association</i> , 2019, 8, e013324.	3.7	43
44	Oral and Gut Microbial Diversity and Immune Regulation in Patients with HIV on Antiretroviral Therapy. <i>MSphere</i> , 2020, 5, .	2.9	41
45	Bleeding on probing differentially relates to bacterial profiles: the Oral Infections and Vascular Disease Epidemiology Study. <i>Journal of Clinical Periodontology</i> , 2008, 35, 479-486.	4.9	40
46	Incident Hospitalization with Major Cardiovascular Diseases and Subsequent Risk of ESKD: Implications for Cardiorenal Syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 405-414.	6.1	39
47	Soluble CD146 Is a Novel Marker of Systemic Congestion in Heart Failure Patients: An Experimental Mechanistic and Transcardiac Clinical Study. <i>Clinical Chemistry</i> , 2017, 63, 386-393.	3.2	34
48	Periodontal disease and incident dementia. <i>Neurology</i> , 2020, 95, e1660-e1671.	1.1	34
49	Association between anthropometric measures of obesity and subclinical atherosclerosis in Bangladesh. <i>Atherosclerosis</i> , 2014, 232, 234-241.	0.8	33
50	Role of the NK Cell-Activating Receptor CRACC in Periodontitis. <i>Infection and Immunity</i> , 2013, 81, 690-696.	2.2	32
51	Serum Antibody Responses to Periodontal Microbiota in Chronic and Aggressive Periodontitis: A Postulate Revisited. <i>Journal of Periodontology</i> , 2014, 85, 592-600.	3.4	31
52	Periodontal microbiota and phospholipases: The Oral Infections and Vascular Disease Epidemiology Study (INVEST). <i>Atherosclerosis</i> , 2015, 242, 418-423.	0.8	31
53	Infection duration and inflammatory imbalance are associated with atherosclerotic risk in HIV-infected never-smokers independent of antiretroviral therapy. <i>Aids</i> , 2013, 27, 2603-2614.	2.2	30
54	The role of implantable cardioverter defibrillators in patients bridged to transplantation with a continuous-flow left ventricular assist device: A propensity score matched analysis. <i>Journal of Heart and Lung Transplantation</i> , 2017, 36, 633-639.	0.6	30

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55	Evaluating clinical periodontal measures as surrogates for bacterial exposure: The Oral Infections and Vascular Disease Epidemiology Study (INVEST). <i>BMC Medical Research Methodology</i> , 2010, 10, 2.	3.1	29
56	Association Between Serum Antibodies to Periodontal Bacteria and Rheumatoid Factor in the Third National Health and Nutrition Examination Survey. <i>Arthritis and Rheumatology</i> , 2016, 68, 2384-2393.	5.6	29
57	Hypertension: an unstudied potential risk factor for adverse outcomes during continuous flow ventricular assist device support. <i>Heart Failure Reviews</i> , 2015, 20, 317-322.	3.9	28
58	Interaction between arsenic exposure from drinking water and genetic susceptibility in carotid intima-media thickness in Bangladesh. <i>Toxicology and Applied Pharmacology</i> , 2014, 276, 195-203.	2.8	27
59	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.	3.8	27
60	Plasma Trimethylamine-N-oxide and impaired glucose regulation: Results from The Oral Infections, Glucose Intolerance and Insulin Resistance Study (ORIGINS). <i>PLoS ONE</i> , 2020, 15, e0227482.	2.5	22
61	A comparison of periodontal status in the two regional, population-based studies of SHIP and INVEST. <i>Journal of Clinical Periodontology</i> , 2012, 39, 1115-1124.	4.9	21
62	Beneficial Effects of Hormone Replacement Therapy on Periodontitis Are Vitamin D Associated. <i>Journal of Periodontology</i> , 2013, 84, 1048-1057.	3.4	21
63	Zero-inflated Poisson factor model with application to microbiome read counts. <i>Biometrics</i> , 2021, 77, 91-101.	1.4	19
64	Periodontal Infection and Cardiorespiratory Fitness in Younger Adults: Results from Continuous National Health and Nutrition Examination Survey 1999-2004. <i>PLoS ONE</i> , 2014, 9, e92441.	2.5	16
65	Apolipoprotein E Gene Polymorphism and Subclinical Carotid Atherosclerosis: The Northern Manhattan Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 645-652.	1.6	15
66	Joint effects of serum vitamin D insufficiency and periodontitis on insulin resistance, pre-diabetes, and type 2 diabetes: results from the National Health and Nutrition Examination Survey (NHANES) 2009-2010. <i>BMJ Open Diabetes Research and Care</i> , 2018, 6, e000535.	2.8	15
67	Association between low-dose aspirin and periodontal disease: results from the continuous national health and nutrition examination survey (NHANES) 2011-2012. <i>Journal of Clinical Periodontology</i> , 2015, 42, 333-341.	4.9	14
68	Levels of Trimethylamine N-Oxide Remain Elevated Long Term After Left Ventricular Assist Device and Heart Transplantation and Are Independent From Measures of Inflammation and Gut Dysbiosis. <i>Circulation: Heart Failure</i> , 2021, 14, e007909.	3.9	14
69	Association between betel quid chewing and carotid intima-media thickness in rural Bangladesh. <i>International Journal of Epidemiology</i> , 2014, 43, 1174-1182.	1.9	13
70	Major dietary patterns and carotid intima-media thickness in Bangladesh. <i>Public Health Nutrition</i> , 2016, 19, 218-229.	2.2	13
71	The association between coeliac disease and periodontitis: Results from NHANES 2009-2012. <i>Journal of Clinical Periodontology</i> , 2018, 45, 303-310.	4.9	12
72	Periodontitis and Risk of Diabetes in the Atherosclerosis Risk In Communities (ARIC) Study: A BMI-Modified Association. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e3546-e3558.	3.6	12

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73	Circulating Microbiota in Cardiometabolic Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 892232.	3.9	12
74	The inverse association between a fish consumption biomarker and gingival inflammation and periodontitis: A population-based study. <i>Journal of Clinical Periodontology</i> , 2022, 49, 353-361.	4.9	11
75	Circulating Endothelial Progenitor Cells in Periodontitis. <i>Journal of Periodontology</i> , 2014, 85, 1739-1747.	3.4	10
76	Nitrite Generating and Depleting Capacity of the Oral Microbiome and Cardiometabolic Risk: Results from ORIGINS. <i>Journal of the American Heart Association</i> , 2022, 11, e023038.	3.7	10
77	Peripheral venous congestion causes time- and dose-dependent release of endothelin-1 in humans. <i>Physiological Reports</i> , 2017, 5, e13118.	1.7	9
78	Impaired glucose regulation, SARS-CoV-2 infections and adverse COVID-19 outcomes. <i>Translational Research</i> , 2022, 241, 52-69.	5.0	8
79	Nutritional markers of undiagnosed type 2 diabetes in adults: Findings of a machine learning analysis with external validation and benchmarking. <i>PLoS ONE</i> , 2021, 16, e0250832.	2.5	7
80	Circulating Microbial Signatures and Cardiovascular Death in Patients With ESRD. <i>Kidney International Reports</i> , 2021, 6, 2617-2628.	0.8	7
81	Early microbial markers of periodontal and cardiometabolic diseases in ORIGINS. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, 30.	6.4	7
82	Differential Expression and Functional Analysis of High-Throughput -Omics Data Using Open Source Tools. <i>Methods in Molecular Biology</i> , 2017, 1537, 327-345.	0.9	6
83	Association between number of children and carotid intima-media thickness in Bangladesh. <i>PLoS ONE</i> , 2018, 13, e0208148.	2.5	6
84	Diet quality and periodontal disease: Results from the oral infections, glucose intolerance and insulin resistance study (ORIGINS). <i>Journal of Clinical Periodontology</i> , 2021, 48, 638-647.	4.9	6
85	Periodontal diseases and carotid intima-media thickness in Bangladesh. <i>Journal of Clinical Periodontology</i> , 2016, 43, 909-917.	4.9	4
86	Bioinformatics Techniques in Microarray Research: Applied Microarray Data Analysis Using R and SAS Software. <i>Methods in Molecular Biology</i> , 2010, 666, 395-417.	0.9	4
87	Invited Commentary: The Microbiome and Population Health—Considerations for Enhancing Study Design and Data Analysis in Observational and Interventional Epidemiology. <i>American Journal of Epidemiology</i> , 2018, 187, 1291-1294.	3.4	3
88	Periodontal disease measures and risk of incident peripheral artery disease: The Atherosclerosis Risk in Communities (ARIC) Study. <i>Journal of Periodontology</i> , 2022, 93, 943-953.	3.4	2
89	Assessing the Relationship Between Nitrate-Reducing Capacity of the Oral Microbiome and Systemic Outcomes. <i>Methods in Molecular Biology</i> , 2021, 2327, 139-160.	0.9	1
90	The Authors Reply. <i>American Journal of Epidemiology</i> , 2014, 179, 397-399.	3.4	0