

# Nicolette C Bishop

## List of Publications by Year in descending order

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110  
papers

5,444  
citations

117625

34  
h-index

85541

71  
g-index

111  
all docs

111  
docs citations

111  
times ranked

7475  
citing authors

#	ARTICLE	IF	CITATIONS
1	The anti-inflammatory effects of exercise: mechanisms and implications for the prevention and treatment of disease. <i>Nature Reviews Immunology</i> , 2011, 11, 607-615.	22.7	1,558
2	Position statement. Part one: Immune function and exercise. <i>Exercise Immunology Review</i> , 2011, 17, 6-63.	0.4	876
3	Daily Probiotic <sup>™</sup> s (Lactobacillus casei Shirota) Reduction of Infection Incidence in Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2011, 21, 55-64.	2.1	190
4	Acute and chronic effects of exercise on markers of mucosal immunity. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 4444.	3.0	165
5	Evidence for Anti-Inflammatory Effects of Exercise in CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2121-2130.	6.1	137
6	Modification of immune responses to exercise by carbohydrate, glutamine and anti-oxidant supplements. <i>Immunology and Cell Biology</i> , 2000, 78, 554-561.	2.3	84
7	Benefits of regular walking exercise in advanced pre-dialysis chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 997-1004.	0.7	83
8	Consensus Statement Immunonutrition and Exercise. <i>Exercise Immunology Review</i> , 2017, 23, 8-50.	0.4	80
9	Effects of a Lactobacillus salivarius Probiotic Intervention on Infection, Cold Symptom Duration and Severity, and Mucosal Immunity in Endurance Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2012, 22, 235-242.	2.1	75
10	Clinical practice guideline exercise and lifestyle in chronic kidney disease. <i>BMC Nephrology</i> , 2022, 23, 75.	1.8	69
11	The influence of exercise training status on antigen-stimulated IL-10 production in whole blood culture and numbers of circulating regulatory T cells. <i>European Journal of Applied Physiology</i> , 2013, 113, 1839-1848.	2.5	67
12	Inflammatory Factors and Exercise in Chronic Kidney Disease. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-12.	1.5	67
13	Effect of Carbohydrate and Prolonged Exercise on Affect and Perceived Exertion. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1768-1773.	0.4	66
14	Carbohydrate and fluid intake affect the saliva flow rate and IgA response to cycling. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 2046-2051.	0.4	62
15	Influence of Carbohydrate Supplementation on Plasma Cytokine and Neutrophil Degranulation Responses to High Intensity Intermittent Exercise. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2002, 12, 145-156.	2.1	60
16	Nutritional strategies to counter stress to the immune system in athletes, with special reference to football. <i>Journal of Sports Sciences</i> , 2006, 24, 763-772.	2.0	60
17	Effect of Low- and High-Carbohydrate Diets on the Plasma Glutamine and Circulating Leukocyte Responses to Exercise. <i>International Journal of Sport Nutrition</i> , 1998, 8, 49-59.	1.7	55
18	Nutritional Aspects of Immunosuppression in Athletes. <i>Sports Medicine</i> , 1999, 28, 151-176.	6.5	55

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19	Salivary IgA response to prolonged exercise in a cold environment in trained cyclists. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 1632-1637.	0.4	54
20	Effect of Long-Term Physical Activity and Acute Exercise on Markers of Systemic Inflammation in Persons With Chronic Spinal Cord Injury: A Systematic Review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 30-42.	0.9	54
21	Effects of <i>Lactobacillus casei</i> Shirota ingestion on common cold infection and herpes virus antibodies in endurance athletes: a placebo-controlled, randomized trial. <i>European Journal of Applied Physiology</i> , 2016, 116, 1555-1563.	2.5	53
22	Seroprevalence of antibody to S1 spike protein following vaccination against COVID-19 in patients receiving hemodialysis: a call to arms. <i>Kidney International</i> , 2021, 99, 1492-1494.	5.2	50
23	Salivary IgA Responses to Prolonged Intensive Exercise following Caffeine Ingestion. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 513-519.	0.4	49
24	Fitness level impacts salivary antimicrobial protein responses to a single bout of cycling exercise. <i>European Journal of Applied Physiology</i> , 2015, 115, 1015-1027.	2.5	44
25	Spinal Cord Injury Level and the Circulating Cytokine Response to Strenuous Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1649-1655.	0.4	42
26	The verification phase and reliability of physiological parameters in peak testing of elite wheelchair athletes. <i>European Journal of Applied Physiology</i> , 2013, 113, 337-345.	2.5	39
27	Effects of hybrid cycle and handcycle exercise on cardiovascular disease risk factors in people with spinal cord injury: A randomized controlled trial. <i>Journal of Rehabilitation Medicine</i> , 2015, 47, 523-530.	1.1	39
28	The Impact of Exercising During Haemodialysis on Blood Pressure, Markers of Cardiac Injury and Systemic Inflammation - Preliminary Results of a Pilot Study. <i>Kidney and Blood Pressure Research</i> , 2015, 40, 593-604.	2.0	39
29	Pre-Exercise Carbohydrate Status and Immune Responses to Prolonged Cycling: II. Effect on Plasma Cytokine Concentration. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2001, 11, 503-512.	2.1	38
30	Effect of caffeine ingestion on lymphocyte counts and subset activation in vivo following strenuous cycling. <i>European Journal of Applied Physiology</i> , 2005, 93, 606-613.	2.5	38
31	Caffeine ingestion, affect and perceived exertion during prolonged cycling. <i>Appetite</i> , 2011, 57, 247-252.	3.7	38
32	A randomized controlled trial to investigate the effects of intra-dialytic cycling on left ventricular mass. <i>Kidney International</i> , 2021, 99, 1478-1486.	5.2	38
33	Effect of Oral Glutamine Supplementation on Human Neutrophil Lipopolysaccharide-Stimulated Degranulation Following Prolonged Exercise. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2000, 10, 39-50.	2.1	37
34	Anti-inflammatory response to acute exercise is related with intensity and physical fitness. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 5333-5342.	2.6	37
35	URI in Athletes. <i>Exercise and Sport Sciences Reviews</i> , 2013, 41, 148-153.	3.0	34
36	Lifelong training improves anti-inflammatory environment and maintains the number of regulatory T cells in masters athletes. <i>European Journal of Applied Physiology</i> , 2017, 117, 1131-1140.	2.5	34

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37	Pre-Exercise Carbohydrate Status and Immune Responses to Prolonged Cycling: I. Effect on Neutrophil Degranulation. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2001, 11, 490-502.	2.1	33
38	Effect of caffeine supplementation on the extracellular heat shock protein 72 response to exercise. <i>Journal of Applied Physiology</i> , 2006, 101, 1222-1227.	2.5	33
39	Perceived exertion as a tool to self-regulate exercise in individuals with tetraplegia. <i>European Journal of Applied Physiology</i> , 2013, 113, 201-209.	2.5	32
40	Nutritional Strategies to Minimise Exercise-Induced Immunosuppression in Athletes. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2001, 26, S23-S35.	1.7	30
41	Immunoendocrine Response to Cycling following Ingestion of Caffeine and Carbohydrate. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 1554-1560.	0.4	30
42	Lymphocyte responses to influenza and tetanus toxoid in vitro following intensive exercise and carbohydrate ingestion on consecutive days. <i>Journal of Applied Physiology</i> , 2005, 99, 1327-1335.	2.5	29
43	Regulation of Metabolic Disease-Associated Inflammation by Nutrient Sensors. <i>Mediators of Inflammation</i> , 2018, 2018, 1-18.	3.0	26
44	Salivary alpha amylase not chromogranin A reflects sympathetic activity: exercise responses in elite male wheelchair athletes with or without cervical spinal cord injury. <i>Sports Medicine - Open</i> , 2017, 3, 1.	3.1	25
45	Intestinal Barrier Disturbances in Haemodialysis Patients: Mechanisms, Consequences, and Therapeutic Options. <i>BioMed Research International</i> , 2017, 2017, 1-11.	1.9	25
46	“Beet” the cold: beetroot juice supplementation improves peripheral blood flow, endothelial function, and anti-inflammatory status in individuals with Raynaud’s phenomenon. <i>Journal of Applied Physiology</i> , 2019, 127, 1478-1490.	2.5	25
47	Differentiated Perceived Exertion and Self-Regulated Wheelchair Exercise. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 2269-2276.	0.9	23
48	Effect of Prolonged Exercise and Carbohydrate on Total Neutrophil Elastase Content. <i>Medicine and Science in Sports and Exercise</i> , 2003, 35, 1326-1332.	0.4	22
49	Effects of Exercise and Sport in Solid Organ Transplant Recipients. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, 273-288.	1.4	22
50	Regular exercise during haemodialysis promotes an anti-inflammatory leucocyte profile. <i>CKJ: Clinical Kidney Journal</i> , 2017, 10, 813-821.	2.9	22
51	Exercise intensity and its impact on relationships between salivary immunoglobulin A, saliva flow rate and plasma cortisol concentration. <i>European Journal of Applied Physiology</i> , 2018, 118, 1179-1187.	2.5	20
52	Associations of obesity, physical activity level, inflammation and cardiometabolic health with COVID-19 mortality: a prospective analysis of the UK Biobank cohort. <i>BMJ Open</i> , 2021, 11, e055003.	1.9	19
53	Combined walking exercise and alkali therapy in patients with CKD4-5 regulates intramuscular free amino acid pools and ubiquitin E3 ligase expression. <i>European Journal of Applied Physiology</i> , 2013, 113, 2111-2124.	2.5	18
54	Human T lymphocyte migration towards the supernatants of human rhinovirus infected airway epithelial cells: influence of exercise and carbohydrate intake. <i>Exercise Immunology Review</i> , 2009, 15, 127-44.	0.4	18

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55	The Efficacy of Prebiotic, Probiotic, and Synbiotic Supplementation in Modulating Gut-Derived Circulatory Particles Associated With Cardiovascular Disease in Individuals Receiving Dialysis: A Systematic Review and Meta-analysis of Randomized Controlled Trials. , 2020, 30, 347-359.		17
56	Elevating body temperature to reduce low-grade inflammation: a welcome strategy for those unable to exercise?. Exercise Immunology Review, 2020, 26, 42-55.	0.4	17
57	The effect of caffeine ingestion on human neutrophil oxidative burst responses following time-trial cycling. Journal of Sports Sciences, 2008, 26, 611-619.	2.0	16
58	Effect of a High and Low Dose of Caffeine on Antigen-Stimulated Activation of Human Natural Killer Cells After Prolonged Cycling. International Journal of Sport Nutrition and Exercise Metabolism, 2011, 21, 155-165.	2.1	16
59	Salivary Immunoglobulin A and Upper Respiratory Symptoms During 5 Months of Training in Elite Tetraplegic Athletes. International Journal of Sports Physiology and Performance, 2012, 7, 210-217.	2.3	16
60	Implementing a theory-based intradialytic exercise programme in practice: a quality improvement project. CKJ: Clinical Kidney Journal, 2018, 11, 832-840.	2.9	16
61	High intensity interval exercise increases the frequency of peripheral PD-1+ CD8+ central memory T-cells and soluble PD-L1 in humans. Brain, Behavior, & Immunity - Health, 2020, 3, 100049.	2.5	16
62	The Effect of Caffeine Ingestion on Neutrophil Oxidative Burst Responses Following Prolonged Cycling. International Journal of Sport Nutrition and Exercise Metabolism, 2006, 16, 24-35.	2.1	14
63	Effect of acute and regular exercise on growth hormone secretagogue receptor-1a expression in human lymphocytes, T cell subpopulation and monocytes. Brain, Behavior, and Immunity, 2014, 39, 172-179.	4.1	14
64	Characterization of extracellular redox enzyme concentrations in response to exercise in humans. Journal of Applied Physiology, 2019, 127, 858-866.	2.5	14
65	The rapid development of a novel kidney-specific digital intervention for self-management of physical activity and emotional well-being during the COVID-19 pandemic and beyond: Kidney Beam. CKJ: Clinical Kidney Journal, 2022, 15, 571-573.	2.9	14
66	Arm and Intensity-Matched Leg Exercise Induce Similar Inflammatory Responses. Medicine and Science in Sports and Exercise, 2016, 48, 1161-1168.	0.4	13
67	The effect of prior walking on coronary heart disease risk markers in South Asian and European men. European Journal of Applied Physiology, 2015, 115, 2641-2651.	2.5	12
68	Effect of a high and low dose of caffeine on human lymphocyte activation in response to antigen stimulation. Applied Physiology, Nutrition and Metabolism, 2016, 41, 224-227.	1.9	12
69	Microparticles and Exercise in Clinical Populations. Exercise Immunology Review, 2018, 24, 46-58.	0.4	12
70	Sedentary behaviour is associated with heightened cardiovascular, inflammatory and cortisol reactivity to acute psychological stress. Psychoneuroendocrinology, 2022, 141, 105756.	2.7	12
71	Can intervals enhance the inflammatory response and enjoyment in upper-body exercise?. European Journal of Applied Physiology, 2017, 117, 1155-1163.	2.5	11
72	Influence of acute moderate- to high-intensity aerobic exercise on markers of immune function and microparticles in renal transplant recipients. American Journal of Physiology - Renal Physiology, 2020, 318, F76-F85.	2.7	11

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73	Fasted plasma asprosin concentrations are associated with menstrual cycle phase, oral contraceptive use and training status in healthy women. <i>European Journal of Applied Physiology</i> , 2021, 121, 793-801.	2.5	11
74	Perceived barriers and facilitators to exercise in kidney transplant recipients: A qualitative study. <i>Health Expectations</i> , 2022, 25, 764-774.	2.6	11
75	Inflammation-mediating cytokine response to acute handcycling exercise with/without functional electrical stimulation-evoked lower-limb cycling. <i>Journal of Rehabilitation Research and Development</i> , 2014, 51, 645-654.	1.6	10
76	Microparticle Responses to Aerobic Exercise and Meal Consumption in Healthy Men. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1935-1943.	0.4	10
77	A Cost-Effective Analysis of the CYCLE-HD Randomized Controlled Trial. <i>Kidney International Reports</i> , 2021, 6, 1548-1557.	0.8	10
78	Effect of curcumin supplementation on exercise-induced muscle damage: a narrative review. <i>European Journal of Nutrition</i> , 2022, 61, 3835-3855.	3.9	10
79	Elite female athlete research: stop searching for the "magic <i>P</i>". <i>Experimental Physiology</i> , 2021, 106, 2029-2030.	2.0	9
80	Exercise during hemodialysis does not affect the phenotype or prothrombotic nature of microparticles but alters their proinflammatory function. <i>Physiological Reports</i> , 2018, 6, e13825.	1.7	8
81	Effect of a single and repeated dose of caffeine on antigen-stimulated human natural killer cell CD69 expression after high-intensity intermittent exercise. <i>European Journal of Applied Physiology</i> , 2011, 111, 1329-1339.	2.5	7
82	Relationships between illness representations, physical activity and depression in chronic kidney disease. <i>Journal of Renal Care</i> , 2019, 45, 74-82.	1.2	7
83	The effect of temperature and heat shock protein 72 on the ex vivo acute inflammatory response in monocytes. <i>Cell Stress and Chaperones</i> , 2019, 24, 461-467.	2.9	7
84	No effect of fluid intake on neutrophil responses to prolonged cycling. <i>Journal of Sports Sciences</i> , 2004, 22, 1091-1098.	2.0	6
85	Acute Running and Coronary Heart Disease Risk Markers in Male Cigarette Smokers and Nonsmokers: A Randomized Crossover Trial. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1021-1032.	0.4	6
86	Plasma cytokine and exertional responses in relation to exercise intensity and volume of exercising muscle mass during arm-crank ergometry. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 782-787.	1.9	5
87	Immunometabolism: Molecular Mechanisms, Diseases, and Therapies 2018. <i>Mediators of Inflammation</i> , 2019, 2019, 1-2.	3.0	5
88	The inflammatory response to a wheelchair half-marathon in people with a spinal cord injury - the role of autonomic function. <i>Journal of Sports Sciences</i> , 2019, 37, 1717-1724.	2.0	4
89	Circulating endotoxin and inflammation: associations with fitness, physical activity and the effect of a 6-month programme of cycling exercise during haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 366-374.	0.7	4
90	The effect of autonomous and controlled motivation on self-control performance and the acute cortisol response. <i>Psychophysiology</i> , 2021, 58, e13915.	2.4	4

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91	Salivary SIgA responses to acute moderate-to-vigorous exercise in monophasic oral contraceptive users. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 863-867.	1.9	3
92	Physical activity, immune function and inflammation in kidney patients (the PINK study): a feasibility trial protocol. <i>BMJ Open</i> , 2017, 7, e014713.	1.9	3
93	The Relationship Between Multidimensional Motivation and Endocrine-Related Responses: A Systematic Review. <i>Perspectives on Psychological Science</i> , 2021, 16, 614-638.	9.0	3
94	A pilot randomised controlled trial of a structured, home-based exercise programme on cardiovascular structure and function in kidney transplant recipients: the ECSERT study design and methods. <i>BMJ Open</i> , 2021, 11, e046945.	1.9	3
95	Intradialytic cycling does not exacerbate microparticles or circulating markers of systemic inflammation in haemodialysis patients. <i>European Journal of Applied Physiology</i> , 2022, 122, 599-609.	2.5	3
96	Lifestyle modification and inflammation in people with axial spondyloarthritis: A scoping review. <i>Musculoskeletal Care</i> , 2022, , .	1.4	3
97	The effect of exercise training interventions in adult kidney transplant recipients: a systematic review and meta-analysis of randomised control trials. <i>Physical Therapy Reviews</i> , 2022, 27, 114-134.	0.8	3
98	Effect of high intensity interval training and moderate intensity continuous training on lymphoid, myeloid and inflammatory cells in kidney transplant recipients. <i>Exercise Immunology Review</i> , 2022, 28, 100-115.	0.4	3
99	Comparable Neutrophil Responses for Arm and Intensity-matched Leg Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1716-1723.	0.4	2
100	Participant acceptability of exercise in kidney disease (PACE-KD): a feasibility study protocol in renal transplant recipients. <i>BMJ Open</i> , 2017, 7, e017494.	1.9	2
101	Upper respiratory tract symptoms and salivary immunoglobulin A of elite female gymnasts: a full year longitudinal field study. <i>Biology of Sport</i> , 2020, 37, 285-293.	3.2	2
102	The Effect of Acute and Chronic Exercise on Inflammatory Markers in SCI. , 2016, , 217-231.		2
103	Feasibility and acceptability of high-intensity interval training and moderate-intensity continuous training in kidney transplant recipients: the PACE-KD study. <i>Pilot and Feasibility Studies</i> , 2022, 8, .	1.2	2
104	Modality-specific training adaptations do they lead to a dampened acute inflammatory response to exercise?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 965-972.	1.9	1
105	Short-term High-fat Overfeeding Does Not Induce NF- $\kappa$ B Inflammatory Signaling in Subcutaneous White Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2162-2176.	3.6	1
106	MP404KIDNEY TRANSPLANT ATHLETES: USING PATIENT INVOLVEMENT TO IDENTIFY RESEARCH PRIORITIES. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, i474-i474.	0.7	0
107	P1768EFFECTS OF HIGH INTENSITY INTERVAL TRAINING ON CIRCULATING LYMPHOCYTES, MONOCYTES AND CYTOKINES IN RENAL TRANSPLANT RECIPIENTS. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.7	0
108	P1722HIGH INTENSITY INTERVAL TRAINING AND MODERATE INTENSITY CONTINUOUS TRAINING IN RENAL TRANSPLANT RECIPIENTS: THE PACE-KD STUDY. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.7	0

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109	Higher levels of physical activity are associated with reduced tethering and migration of pro-inflammatory monocytes in males with central obesity. <i>Exercise Immunology Review</i> , 2021, 27, 54-66.	0.4	0
110	MO605: Exploring the Relationship Between Cardiorespiratory Fitness and Cardiovascular Risk in Kidney Transplant Recipients. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, .	0.7	0