

J Mark Davis

List of Publications by Year in descending order

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77
papers

6,834
citations

50566

48
h-index

84171

75
g-index

78
all docs

78
docs citations

78
times ranked

8241
citing authors

#	ARTICLE	IF	CITATIONS
1	An acute naproxen dose does not affect core temperature or Interleukin-6 during cycling in a hot environment. <i>Sports Medicine and Health Science</i> , 2021, , .	0.7	0
2	Macrophage depletion using clodronate liposomes decreases tumorigenesis and alters gut microbiota in the AOM/DSS mouse model of colon cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G22-G31.	1.6	113
3	Effects of a 24-h naproxen dose on hydration and electrolyte measures during moderate-intensity cycling in the heat. <i>Facets</i> , 2017, 2, 819-832.	1.1	3
4	A Low Dose of Dietary Quercetin Fails to Protect against the Development of an Obese Phenotype in Mice. <i>PLoS ONE</i> , 2016, 11, e0167979.	1.1	24
5	Weight loss following diet-induced obesity does not alter colon tumorigenesis in the AOM mouse model. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G699-G712.	1.6	14
6	High-fat diets rich in saturated fat protect against azoxymethane/dextran sulfate sodium-induced colon cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G906-G919.	1.6	40
7	Sex differences in the relationship of IL-6 signaling to cancer cachexia progression. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 816-825.	1.8	64
8	Dietary Quercetin Reduces Chemotherapy-Induced Fatigue in Mice. <i>Integrative Cancer Therapies</i> , 2014, 13, 417-424.	0.8	17
9	Quercetin Supplementation Attenuates the Progression of Cancer Cachexia in Apc Mice. <i>Journal of Nutrition</i> , 2014, 144, 868-875.	1.3	54
10	Indomethacin in Combination with Exercise Leads to Muscle and Brain Inflammation in Mice. <i>Journal of Interferon and Cytokine Research</i> , 2013, 33, 446-451.	0.5	12
11	Influence of dietary saturated fat content on adiposity, macrophage behavior, inflammation, and metabolism: composition matters. <i>Journal of Lipid Research</i> , 2013, 54, 152-163.	2.0	100
12	Blunted heart rate recovery is improved following exercise training in overweight adults with obstructive sleep apnea. <i>International Journal of Cardiology</i> , 2013, 167, 1610-1615.	0.8	26
13	Effects of Oat β -Glucan on the Macrophage Cytokine Response to Herpes Simplex Virus 1 Infection<i>In Vitro</i>. <i>Journal of Interferon and Cytokine Research</i> , 2012, 32, 362-367.	0.5	11
14	Linking tumor-associated macrophages, inflammation, and intestinal tumorigenesis: role of MCP-1. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G1087-G1095.	1.6	97
15	Influence of chronic moderate sleep restriction and exercise on inflammation and carcinogenesis in mice. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 672-679.	2.0	33
16	Intestinal inflammatory cytokine response in relation to tumorigenesis in the ApcMin/+ mouse. <i>Cytokine</i> , 2012, 57, 113-119.	1.4	50
17	Exercise Training Improves Selected Aspects of Daytime Functioning in Adults with Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2012, 08, 357-365.	1.4	55
18	Modulation of Central Fatigue-Associated Neural Factors by Cancer Chemotherapy Agent 5-Fluorouracil. <i>FASEB Journal</i> , 2012, 26, 1039.4.	0.2	0

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19	The Effect of Exercise Training on Obstructive Sleep Apnea and Sleep Quality: A Randomized Controlled Trial. <i>Sleep</i> , 2011, 34, 1631-1640.	0.6	267
20	Exercise training increases mitochondrial biogenesis in the brain. <i>Journal of Applied Physiology</i> , 2011, 111, 1066-1071.	1.2	256
21	Quercetin's Effects on Intestinal Polyp Multiplicity and Macrophage Number in the ApcMin/+ Mouse. <i>Nutrition and Cancer</i> , 2011, 63, 421-426.	0.9	38
22	Curcumin's Effect on Intestinal Inflammation and Tumorigenesis in the ApcMin/+Mouse. <i>Journal of Interferon and Cytokine Research</i> , 2011, 31, 219-226.	0.5	45
23	Susceptibility to Infection and Inflammatory Response Following Influenza Virus (H1N1, A/PR/8/34) Challenge: Role of Macrophages. <i>Journal of Interferon and Cytokine Research</i> , 2011, 31, 501-508.	0.5	26
24	Immune modulating effects of β -glucan. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2010, 13, 656-661.	1.3	73
25	The Dietary Flavonoid Quercetin Increases VO ₂ max and Endurance Capacity. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2010, 20, 56-62.	1.0	113
26	Activity level, apoptosis, and development of cachexia in <i>Apc^{Min/+}</i> mice. <i>Journal of Applied Physiology</i> , 2010, 109, 1155-1161.	1.2	57
27	CIRCADIAN RHYTHMS OF PSYCHOMOTOR VIGILANCE, MOOD, AND SLEEPINESS IN THE ULTRA-SHORT SLEEP/WAKE PROTOCOL. <i>Chronobiology International</i> , 2010, 27, 161-180.	0.9	34
28	Role of brain macrophages on IL-1 β and fatigue following eccentric exercise-induced muscle damage. <i>Brain, Behavior, and Immunity</i> , 2010, 24, 564-568.	2.0	37
29	The Interaction of a High-Fat Diet and Regular Moderate Intensity Exercise on Intestinal Polyp Development in <i>ApcMin/+</i> Mice. <i>Cancer Prevention Research</i> , 2009, 2, 641-649.	0.7	59
30	Quercetin increases brain and muscle mitochondrial biogenesis and exercise tolerance. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R1071-R1077.	0.9	373
31	Benefits of oat β -glucan and sucrose feedings on infection and macrophage antiviral resistance following exercise stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R1188-R1194.	0.9	31
32	Successive bouts of cycling stimulates genes associated with mitochondrial biogenesis. <i>European Journal of Applied Physiology</i> , 2009, 107, 419-427.	1.2	60
33	Muscle wasting and interleukin-6-induced atrogen-1 expression in the cachectic Apc Min/+ mouse. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 457, 989-1001.	1.3	100
34	Effects of the Dietary Flavonoid Quercetin Upon Performance and Health. <i>Current Sports Medicine Reports</i> , 2009, 8, 206-213.	0.5	165
35	Interleukin-6 and cachexia in <i>Apc^{Min/+}</i> mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R393-R401.	0.9	234
36	Effect of IL-6 Deficiency on Susceptibility to HSV-1 Respiratory Infection and Intrinsic Macrophage Antiviral Resistance. <i>Journal of Interferon and Cytokine Research</i> , 2008, 28, 589-596.	0.5	40

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37	Effect of exercise on biological pathways in ApcMin/+ mouse intestinal polyps. <i>Journal of Applied Physiology</i> , 2008, 104, 1137-1143.	1.2	42
38	Î²-Glucan, Immune Function, and Upper Respiratory Tract Infections in Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1463-1471.	0.2	58
39	Quercetin Ingestion Does Not Alter Cytokine Changes in Athletes Competing in the Western States Endurance Run. <i>Journal of Interferon and Cytokine Research</i> , 2007, 27, 1003-1012.	0.5	92
40	Circadian variation in swim performance. <i>Journal of Applied Physiology</i> , 2007, 102, 641-649.	1.2	118
41	Quercetin Reduces Illness but Not Immune Perturbations after Intensive Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 1561-1569.	0.2	150
42	Oat Î²-Glucan Effects on Neutrophil Respiratory Burst Activity following Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 639-644.	0.2	34
43	Quercetin's influence on exercise-induced changes in plasma cytokines and muscle and leukocyte cytokine mRNA. <i>Journal of Applied Physiology</i> , 2007, 103, 1728-1735.	1.2	110
44	Curcumin effects on inflammation and performance recovery following eccentric exercise-induced muscle damage. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R2168-R2173.	0.9	161
45	Post-160km race illness rates and decreases in granulocyte oxidative burst activity and salivary IgA output are not countered by quercetin ingestion. <i>FASEB Journal</i> , 2007, 21, A1249.	0.2	1
46	Blood Leukocyte mRNA Expression for IL-10, IL-1Ra, and IL-8, but Not IL-6, Increases After Exercise. <i>Journal of Interferon and Cytokine Research</i> , 2006, 26, 668-674.	0.5	61
47	Influence of Carbohydrate on Immune Function Following 2 h Cycling. <i>Research in Sports Medicine</i> , 2006, 14, 225-237.	0.7	26
48	Ibuprofen use, endotoxemia, inflammation, and plasma cytokines during ultramarathon competition. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 578-584.	2.0	121
49	Gender Differences in Macrophage Antiviral Function following Exercise Stress. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 859-863.	0.2	11
50	Role of brain IL-1Î² on fatigue after exercise-induced muscle damage. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R1344-R1348.	0.9	87
51	Muscle Cytokine mRNA Changes after 2.5 h of Cycling: Influence of Carbohydrate. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 1283-1290.	0.2	103
52	Decreased intestinal polyp multiplicity is related to exercise mode and gender in ApcMin/+ mice. <i>Journal of Applied Physiology</i> , 2005, 98, 2219-2225.	1.2	85
53	Myofiber degeneration/regeneration is induced in the cachectic ApcMin/+ mouse. <i>Journal of Applied Physiology</i> , 2005, 99, 2379-2387.	1.2	65
54	Carbohydrate Feedings during Team Sport Exercise Preserve Physical and CNS Function. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 306-315.	0.2	96

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55	Motivating physical activity in animal models. <i>International Journal of Sport and Exercise Psychology</i> , 2005, 3, 302-321.	1.1	1
56	Recovery of running performance following muscle-damaging exercise: Relationship to brain IL-1 β . <i>Brain, Behavior, and Immunity</i> , 2005, 19, 445-452.	2.0	56
57	Effects of Oat β -Glucan on Innate Immunity and Infection after Exercise Stress. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 1321-1327.	0.2	76
58	Central nervous system effects of caffeine and adenosine on fatigue. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003, 284, R399-R404.	0.9	351
59	Carbohydrates and physical/mental performance during intermittent exercise to fatigue. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 723-731.	0.2	122
60	Influence of Age on Immune Changes in Runners after a Marathon. <i>Journal of Aging and Physical Activity</i> , 2002, 10, 432-442.	0.5	3
61	Differential release of corticotropin-releasing hormone (CRH) in the amygdala during different types of stressors. <i>Brain Research</i> , 2002, 949, 122-130.	1.1	47
62	Carbohydrates and physical/mental performance during intermittent exercise to fatigue. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 723-731.	0.2	39
63	Cytokine changes after a marathon race. <i>Journal of Applied Physiology</i> , 2001, 91, 109-114.	1.2	250
64	Serotonin and central nervous system fatigue: nutritional considerations. <i>American Journal of Clinical Nutrition</i> , 2000, 72, 573S-578S.	2.2	195
65	Exercise and tumor development in a mouse predisposed to multiple intestinal adenomas. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 1704-1708.	0.2	37
66	Influence of carbohydrate on cytokine and phagocytic responses to 2 h of rowing. <i>Medicine and Science in Sports and Exercise</i> , 2000, 32, 1384-1389.	0.2	54
67	Effect of carbohydrate ingestion and hormonal responses on ratings of perceived exertion during prolonged cycling and running. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1999, 80, 92-99.	1.2	65
68	Influence of Exercise Mode and Carbohydrate on the Immune Response to Prolonged Exercise. <i>International Journal of Sport Nutrition</i> , 1999, 9, 213-228.	1.6	44
69	Exercise and cellular innate immune function. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 57-66.	0.2	166
70	Effects of mode and carbohydrate on the granulocyte and monocyte response to intensive, prolonged exercise. <i>Journal of Applied Physiology</i> , 1998, 84, 1252-1259.	1.2	119
71	Influence of mode and carbohydrate on the cytokine response to heavy exertion. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 671-678.	0.2	194
72	Vitamin C Supplementation Does Not Alter the Immune Response to 2.5 Hours of Running. <i>International Journal of Sport Nutrition</i> , 1997, 7, 173-184.	1.6	59

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73	Carbohydrate Drinks Delay Fatigue during Intermittent, High-Intensity Cycling in Active Men and Women. <i>International Journal of Sport Nutrition</i> , 1997, 7, 261-273.	1.6	59
74	Possible mechanisms of central nervous system fatigue during exercise. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 45-57.	0.2	475
75	Carbohydrate affects natural killer cell redistribution but not activity after running. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 1318-1324.	0.2	65
76	Exercise, monocyte/macrophage function, and cancer. <i>Medicine and Science in Sports and Exercise</i> , 1994, 26, 147-156.	0.2	65
77	Effects of carbohydrate feedings on plasma free tryptophan and branched-chain amino acids during prolonged cycling. <i>European Journal of Applied Physiology and Occupational Physiology</i> , 1992, 65, 513-519.	1.2	150