

# Nenad Naumovski

## List of Publications by Year in descending order

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Version: 2024-02-01

110  
papers

2,836  
citations

185998

28  
h-index

205818

48  
g-index

112  
all docs

112  
docs citations

112  
times ranked

4342  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial (Dys)function and Insulin Resistance: From Pathophysiological Molecular Mechanisms to the Impact of Diet. <i>Frontiers in Physiology</i> , 2019, 10, 532.	1.3	205
2	Edible packaging: Sustainable solutions and novel trends in food packaging. <i>Food Research International</i> , 2021, 140, 109981.	2.9	156
3	A Mini-Review of Virtual Reality-Based Interventions to Promote Well-Being for People Living with Dementia and Mild Cognitive Impairment. <i>Gerontology</i> , 2019, 65, 430-440.	1.4	133
4	Non-bovine milk products as emerging probiotic carriers: recent developments and innovations. <i>Current Opinion in Food Science</i> , 2018, 22, 109-114.	4.1	124
5	Head and flagella subcompartmental proteomic analysis of human spermatozoa. <i>Proteomics</i> , 2013, 13, 61-74.	1.3	115
6	The effects of grape and red wine polyphenols on gut microbiota – A systematic review. <i>Food Research International</i> , 2018, 113, 277-287.	2.9	111
7	The effects of the Mediterranean diet on rheumatoid arthritis prevention and treatment: a systematic review of human prospective studies. <i>Rheumatology International</i> , 2018, 38, 737-747.	1.5	109
8	On methods for the detection of reactive oxygen species generation by human spermatozoa: analysis of the cellular responses to catechol oestrogen, lipid aldehyde, menadione and arachidonic acid. <i>Andrology</i> , 2013, 1, 192-205.	1.9	98
9	Anthocyanins and Human Health – A Focus on Oxidative Stress, Inflammation and Disease. <i>Antioxidants</i> , 2020, 9, 366.	2.2	96
10	Food Inhibits the Oral Bioavailability of the Major Green Tea Antioxidant Epigallocatechin Gallate in Humans. <i>Antioxidants</i> , 2015, 4, 373-393.	2.2	85
11	HPA axis function and diurnal cortisol in post-traumatic stress disorder: A systematic review. <i>Neurobiology of Stress</i> , 2019, 11, 100180.	1.9	84
12	Proteomic insights into the maturation and capacitation of mammalian spermatozoa. <i>Systems Biology in Reproductive Medicine</i> , 2012, 58, 211-217.	1.0	80
13	The effect of blueberry interventions on cognitive performance and mood: A systematic review of randomized controlled trials. <i>Brain, Behavior, and Immunity</i> , 2020, 85, 96-105.	2.0	67
14	Effect of long-term nutraceutical and dietary supplement use on cognition in the elderly: a 10-year systematic review of randomised controlled trials. <i>British Journal of Nutrition</i> , 2018, 119, 280-298.	1.2	50
15	Prebiotics, probiotics, fermented foods and cognitive outcomes: A meta-analysis of randomized controlled trials. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 472-484.	2.9	50
16	The beneficial health effects of green tea amino acid L-theanine in animal models: Promises and prospects for human trials. <i>Phytotherapy Research</i> , 2019, 33, 571-583.	2.8	48
17	Measuring Heart Rate Variability Using Commercially Available Devices in Healthy Children: A Validity and Reliability Study. <i>European Journal of Investigation in Health, Psychology and Education</i> , 2020, 10, 390-404.	1.1	46
18	Characterization of an L-Amino Acid Oxidase in Equine Spermatozoa. <i>Biology of Reproduction</i> , 2015, 92, 125.	1.2	45

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19	The Effects of Green Tea Amino Acid L-Theanine Consumption on the Ability to Manage Stress and Anxiety Levels: a Systematic Review. <i>Plant Foods for Human Nutrition</i> , 2020, 75, 12-23.	1.4	42
20	G80A reduced folate carrier SNP influences the absorption and cellular translocation of dietary folate and its association with blood pressure in an elderly population. <i>Life Sciences</i> , 2006, 79, 957-966.	2.0	39
21	The Effects of Resveratrol Supplementation in Overweight and Obese Humans: A Systematic Review of Randomized Trials. <i>Metabolic Syndrome and Related Disorders</i> , 2016, 14, 323-333.	0.5	39
22	Analysis of Phosphopeptide Changes as Spermatozoa Acquire Functional Competence in the Epididymis Demonstrates Changes in the Post-translational Modification of Izumo1. <i>Journal of Proteome Research</i> , 2012, 11, 5252-5264.	1.8	38
23	L-Theanine as a Functional Food Additive: Its Role in Disease Prevention and Health Promotion. <i>Beverages</i> , 2016, 2, 13.	1.3	37
24	The Effects of Dietary Polyphenols on Circulating Cardiovascular Disease Biomarkers and Iron Status: A Systematic Review. <i>Nutrition and Metabolic Insights</i> , 2019, 12, 117863881988273.	0.8	36
25	Functional Efficacy of Probiotic <i>Lactobacillus sanfranciscensis</i> in Apple, Orange and Tomato Juices with Special Reference to Storage Stability and In Vitro Gastrointestinal Survival. <i>Beverages</i> , 2020, 6, 13.	1.3	36
26	Hydrogen Rich Water Improved Ventilatory, Perceptual and Lactate Responses to Exercise. <i>International Journal of Sports Medicine</i> , 2019, 40, 879-885.	0.8	32
27	Effects of the Consumption of Prickly Pear Cacti ( <i>Opuntia</i> spp.) and its Products on Blood Glucose Levels and Insulin: A Systematic Review. <i>Medicina (Lithuania)</i> , 2019, 55, 138.	0.8	32
28	Vitamin D, folate, and potential early lifecycle environmental origin of significant adult phenotypes. <i>Evolution, Medicine and Public Health</i> , 2014, 2014, 69-91.	1.1	31
29	Application of Carbon Nanotubes in Chiral and Achiral Separations of Pharmaceuticals, Biologics and Chemicals. <i>Nanomaterials</i> , 2017, 7, 186.	1.9	29
30	Evaluation of dietary and lifestyle changes as modifiers of S100 $\beta$ levels in Alzheimer's disease. <i>Nutritional Neuroscience</i> , 2019, 22, 1-18.	1.5	29
31	Mediterranean lifestyle and cardiovascular disease prevention. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 67, S39-S47.	0.7	27
32	Psychophysiological Responses in People Living with Dementia after an Art Gallery Intervention: An Exploratory Study. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 549-562.	1.2	24
33	Effects of a virtual group cycling experience on people living with dementia: A mixed method pilot study. <i>Dementia</i> , 2021, 20, 1518-1535.	1.0	24
34	Pomegranate peel extract – A natural bioactive addition to novel active edible packaging. <i>Food Research International</i> , 2022, 156, 111378.	2.9	24
35	The Association between Green and Black Tea Consumption on Successful Aging: A Combined Analysis of the ATTICA and MEDiterranean ISlands (MEDIS) Epidemiological Studies. <i>Molecules</i> , 2019, 24, 1862.	1.7	23
36	Critical evaluation of the extrapolation of data relative to antioxidant function from the laboratory and their implications on food production and human health: a review. <i>International Journal of Food Science and Technology</i> , 2019, 54, 1448-1459.	1.3	23

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37	The Effect of Exclusive Olive Oil Consumption on Successful Aging: A Combined Analysis of the ATTICA and MEDIS Epidemiological Studies. <i>Foods</i> , 2019, 8, 25.	1.9	23
38	A Narrative Review of Recent Advances in Rapid Assessment of Anthocyanins in Agricultural and Food Products. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	23
39	Metabolic Syndrome, Cognitive Impairment and the Role of Diet: A Narrative Review. <i>Nutrients</i> , 2022, 14, 333.	1.7	22
40	Folate Nutritional Genetics and Risk for Hypertension in an Elderly Population Sample. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2009, 2, 1-8.	1.8	20
41	The association between the level of adherence to the Mediterranean diet and successful aging: An analysis of the ATTICA and MEDIS (MEDiterranean Islands Study) epidemiological studies. <i>Archives of Gerontology and Geriatrics</i> , 2020, 89, 104044.	1.4	20
42	Palmitic Acid, but Not Lauric Acid, Induces Metabolic Inflammation, Mitochondrial Fragmentation, and a Drop in Mitochondrial Membrane Potential in Human Primary Myotubes. <i>Frontiers in Nutrition</i> , 2021, 8, 663838.	1.6	20
43	Sugar and cocoa: sweet synergy or bitter antagonisms. Formulating cocoa and chocolate products for health: a narrative review. <i>International Journal of Food Science and Technology</i> , 2018, 53, 33-42.	1.3	16
44	The effects of Prickly Pear fruit and cladode ( <i>Opuntia</i> spp.) consumption on blood lipids: A systematic review. <i>Complementary Therapies in Medicine</i> , 2020, 50, 102384.	1.3	16
45	The bioactive, antioxidant, antibacterial, and physicochemical properties of a range of commercially available Australian honeys. <i>Current Research in Food Science</i> , 2021, 4, 532-542.	2.7	16
46	The Effect of Dietary Supplementation of Green Tea Catechins on Cardiovascular Disease Risk Markers in Humans: A Systematic Review of Clinical Trials. <i>Beverages</i> , 2016, 2, 16.	1.3	14
47	Tocotrienols, health and ageing: A systematic review. <i>Maturitas</i> , 2017, 95, 55-60.	1.0	14
48	The effect of different drying techniques on phytochemical content and in vitro antioxidant properties of Australian-grown prickly pears ( <i>Opuntia ficus indica</i> ). <i>Journal of Food Processing and Preservation</i> , 2019, 43, e13900.	0.9	14
49	Recent developments on <i>Opuntia</i> spp., their bioactive composition, nutritional values, and health effects. <i>Food Bioscience</i> , 2022, 47, 101665.	2.0	14
50	The Effects of Dietary Advanced Glycation End-Products on Neurocognitive and Mental Disorders. <i>Nutrients</i> , 2022, 14, 2421.	1.7	14
51	The mediating role of Mediterranean diet on the association between Lp(a) levels and cardiovascular disease risk: A 10-year follow-up of the ATTICA study. <i>Clinical Biochemistry</i> , 2018, 60, 33-37.	0.8	13
52	Relationship Between B-Vitamin Biomarkers and Dietary Intake with Apolipoprotein E $\epsilon$ 4 in Alzheimer's Disease. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2019, 38, 173-195.	0.4	13
53	The Physiological Effects of Amino Acids Arginine and Citrulline: Is There a Basis for Development of a Beverage to Promote Endurance Performance? A Narrative Review of Orally Administered Supplements. <i>Beverages</i> , 2020, 6, 11.	1.3	13
54	Effects of Curcumin on Cognitive Function—A Systematic Review of Randomized Controlled Trials. <i>Exploratory Research and Hypothesis in Medicine</i> , 2019, 4, 1-11.	0.1	13

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55	Untangling the 2-Way Relationship Between Red Wine Polyphenols and Gut Microbiota. <i>Gastroenterology</i> , 2020, 158, 48-51.	0.6	12
56	Effects of lactose-free and low-lactose dairy on symptoms of gastrointestinal health: A systematic review. <i>International Dairy Journal</i> , 2021, 114, 104936.	1.5	12
57	The Environmental and Bitter Taste Endophenotype Determinants of Picky Eating in Australian School-Aged Children 7â€“12 yearsâ€“A Cross-Sectional Pilot Study Protocol. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1573.	1.2	11
58	The Inhibition of Metabolic Inflammation by EPA Is Associated with Enhanced Mitochondrial Fusion and Insulin Signaling in Human Primary Myotubes. <i>Journal of Nutrition</i> , 2021, 151, 810-819.	1.3	11
59	Effect of cocoa in diabetes: the potential of the pancreas and liver as key target organs, more than an antioxidant effect?. <i>International Journal of Food Science and Technology</i> , 2016, 51, 829-841.	1.3	10
60	The Association between Whole Grain Products Consumption and Successful Aging: A Combined Analysis of MEDIS and ATTICA Epidemiological Studies. <i>Nutrients</i> , 2019, 11, 1221.	1.7	10
61	Midday Napping and Successful Aging in Older People Living in the Mediterranean Region: The Epidemiological Mediterranean Islands Study (MEDIS). <i>Brain Sciences</i> , 2020, 10, 14.	1.1	10
62	The folic acid endophenotype and depression in an elderly population. <i>Journal of Nutrition, Health and Aging</i> , 2010, 14, 829-833.	1.5	9
63	Curcumin for Cognition: Is It Just Hype, Based on Current Data?. <i>Advances in Nutrition</i> , 2019, 10, 179-181.	2.9	9
64	Toxicities Caused by Head and Neck Cancer Treatments and Their Influence on the Development of Malnutrition: Review of the Literature. <i>European Journal of Investigation in Health, Psychology and Education</i> , 2020, 10, 935-949.	1.1	9
65	Dietary anti-inflammatory index, metabolic syndrome and transition in metabolic status; a gender-specific analysis of ATTICA prospective study. <i>Diabetes Research and Clinical Practice</i> , 2020, 161, 108031.	1.1	9
66	Hydrogen sulphide-related thiol metabolism and nutrigenetics in relation to hypertension in an elderly population. <i>Genes and Nutrition</i> , 2013, 8, 221-229.	1.2	8
67	The Effect of Juicing Methods on the Phytochemical and Antioxidant Characteristics of the Purple Prickly Pear ( <i>Opuntia ficus indica</i> )â€“Preliminary Findings on Juice and Pomace. <i>Beverages</i> , 2019, 5, 28.	1.3	8
68	Activities outside of the care setting for people with dementia: a systematic review. <i>BMJ Open</i> , 2020, 10, e040753.	0.8	8
69	Food Habits of Older Australians Living Alone in the Australian Capital Territory. <i>Geriatrics (Switzerland)</i> , 2020, 5, 55.	0.6	8
70	The Effect of L-Theanine Incorporated in a Functional Food Product (Mango Sorbet) on Physiological Responses in Healthy Males: A Pilot Randomised Controlled Trial. <i>Foods</i> , 2020, 9, 371.	1.9	8
71	Relationship between heart rate variability and body mass index: A cross-sectional study of preschool children. <i>Preventive Medicine Reports</i> , 2021, 24, 101638.	0.8	8
72	Association between siesta (daytime sleep), dietary patterns and the presence of metabolic syndrome in elderly living in Mediterranean area (MEDIS study): The moderating effect of gender. <i>Journal of Nutrition, Health and Aging</i> , 2017, 21, 1118-1124.	1.5	7

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73	Ayurvedic formulations: Potential COVID-19 therapeutics?. <i>Phytomedicine Plus</i> , 2022, 2, 100286.	0.9	7
74	Association between lipids and apolipoproteins on type 2 diabetes risk; moderating effects of gender and polymorphisms; the ATTICA study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 788-795.	1.1	6
75	Heart rate variability for determining autonomic nervous system effects of lifestyle behaviors in early life: A systematic review. <i>Physiology and Behavior</i> , 2020, 217, 112806.	1.0	6
76	Nutraceuticals as Potential Targets for the Development of a Functional Beverage for Improving Sleep Quality. <i>Beverages</i> , 2021, 7, 33.	1.3	6
77	Sex, Age, BMI, and C-Reactive Protein Impact the Odds of Developing Hypertension—Findings Based on Data From the Health and Retirement Study (HRS). <i>American Journal of Hypertension</i> , 2021, 34, 1057-1063.	1.0	6
78	Green Tea Catechins as Neuroprotective Agents: Systematic Review of the Literature in Animal Pre-Clinical Trials. <i>Advanced in Food Technology and Nutritional Sciences - Open Journal</i> , 2015, 1, 48-57.	0.9	6
79	Hostile personality as a risk factor for hyperglycemia and obesity in adult populations: a systematic review. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 1659-1669.	0.8	5
80	Taste Sensitivity and Taste Preference among Malay Children Aged 7 to 12 Years in Kuala Lumpur—A Pilot Study. <i>Pediatric Reports</i> , 2021, 13, 245-256.	0.5	5
81	The Implications of Post-Harvest Storage Time and Temperature on the Phytochemical Composition and Quality of Japanese-Styled Green Tea Grown in Australia: A Food Loss and Waste Recovery Opportunity. <i>Beverages</i> , 2021, 7, 25.	1.3	5
82	The association of animal and plant protein with successful ageing: a combined analysis of MEDIS and ATTICA epidemiological studies. <i>Public Health Nutrition</i> , 2021, 24, 1-10.	1.1	5
83	Lifestyle Modification for Enhancing Autonomic Cardiac Regulation in Children: The Role of Exercise. <i>Children</i> , 2019, 6, 127.	0.6	4
84	Sensory and Compositional Properties Affecting the Likeability of Commercially Available Australian Honey. <i>Foods</i> , 2021, 10, 1842.	1.9	4
85	Effect of Folate Supplementation on Inflammatory Markers in Individuals Susceptible to Depression: A Systematic Review. <i>Exploratory Research and Hypothesis in Medicine</i> , 2017, 2, 1-15.	0.1	4
86	Role of cholecystokinin in satiation: a systematic review and meta-analysis. <i>British Journal of Nutrition</i> , 2022, , 1-25.	1.2	4
87	Are dietary patterns becoming more processed? The effects of different dietary patterns on cognition: A review. <i>Nutrition and Health</i> , 2022, 28, 341-356.	0.6	4
88	The Effect of Honey as a Treatment for Oral Ulcerative Lesions: A Systematic Review. <i>Exploratory Research and Hypothesis in Medicine</i> , 2020, 000, 000-000.	0.1	3
89	Prickly Pear Cacti ( <i>Opuntia</i> spp.) Cladodes as a Functional Ingredient for Hyperglycemia Management: A Brief Narrative Review. <i>Medicina (Lithuania)</i> , 2022, 58, 300.	0.8	3
90	The Association Between Sleeping Time and Metabolic Syndrome Features, Among Older Adults Living in Mediterranean Region: The MEDIS Study. <i>Metabolic Syndrome and Related Disorders</i> , 2018, 16, 20-28.	0.5	2

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91	Functional Beverages, from Idea to Functionality. <i>Beverages</i> , 2020, 6, 71.	1.3	2
92	The association between protein consumption from animal and plant sources with psychological distress in older people in the Mediterranean region. <i>Nutrition and Healthy Aging</i> , 2020, 5, 273-285.	0.5	2
93	Food Bioactives: Impact on Brain and Cardiometabolic Healthâ€™ Findings from In Vitro to Human Studies. <i>Foods</i> , 2021, 10, 1045.	1.9	2
94	Cocoa and chocolate, their clinical benefits: insights in study design.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , 1-7.	0.6	2
95	Is Non-Alcoholic Fatty Liver Disease Connected with Cognition? The Complex Interplay between Liver and Brain. <i>International Journal of Diabetology</i> , 2022, 3, 355-363.	0.9	2
96	Response to â€™calcium, phosphate and the risk of cardiovascular events and all-cause mortality in a population with stable coronary heart diseaseâ€™™. <i>Heart</i> , 2013, 99, 349.1-350.	1.2	1
97	Fish Oil for Rheumatoid Arthritis. <i>American Journal of Therapeutics</i> , 2018, Publish Ahead of Print, .	0.5	1
98	Assessing the diet quality of individuals with rheumatic conditions: a cross-sectional study. <i>Rheumatology International</i> , 2020, 40, 1439-1448.	1.5	1
99	Nutrition and Healthy Ageing Trajectories in Retirement Living in the Australian Capital Territory: Study Protocol. <i>Current Developments in Nutrition</i> , 2021, 5, 1271.	0.1	1
100	Heart rate variability improves in 3 â€™ 5-year-old children following a 6-month physical activity-based intervention: The Active Early Learning (AEL) cluster randomised controlled trial. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, , 1-9.	0.9	1
101	Dietary patterns, caloric restrictions for management of cardiovascular disease and cancer; a brief review. <i>Reviews in Cardiovascular Medicine</i> , 2022, 23, 1.	0.5	1
102	Prediction models for venous thromboembolism in ambulatory adults with pancreatic and gastro-oesophageal cancer: protocol for systematic review and meta-analysis. <i>BMJ Open</i> , 2022, 12, e056431.	0.8	1
103	The Picky Eating Questionnaire and Child-reported Food Preference Questionnaire: Pilot validation in Australian-Indian mothers and children 7-12 years old. <i>Food Quality and Preference</i> , 2022, 99, 104584.	2.3	1
104	Authorsâ€™™ reply to comments on tocotrienols, health and ageing. <i>Maturitas</i> , 2017, 97, 21.	1.0	0
105	In response to â€™œThere is no meta-analytic evidence of blueberries improving cognitive performance or moodâ€™. <i>Brain, Behavior, and Immunity</i> , 2020, 85, 193.	2.0	0
106	Measuring psychological and physiological stress in emergency clinicians. <i>Australasian Emergency Care</i> , 2021, 24, 43-48.	0.7	0
107	Antioxidant, Phytochemical and Enzymatic Characteristics of Selected Medicinal Plants from the Republic of Korea: A commentary. <i>Exploratory Research and Hypothesis in Medicine</i> , 2021, 000, 000-000.	0.1	0
108	Insulin Resistance, Glucose Regulation, Obesity, and Mood. , 2016, , 849-871.		0

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109	Effect of Green Tea Amino Acid L-Theanine on Physiological Responses: A Protocol for Clinical Trial. Exploratory Research and Hypothesis in Medicine, 2020, 000, 1-8.	0.1	0
110	The association of sodium intake with successful aging, in 3,349 middle-aged and older adults: Results from the ATTICA and MEDIS cross-sectional epidemiological studies. Nutrition and Healthy Aging, 2020, 5, 287-296.	0.5	0