

Sergej M. Ostojic

List of Publications by Year in descending order

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Version: 2024-02-01

222
papers

8,776
citations

136950

32
h-index

51608

86
g-index

224
all docs

224
docs citations

224
times ranked

14223
citing authors

#	ARTICLE	IF	CITATIONS
19	Socioeconomic inequalities in overweight and obesity among 6â€•to 9â€•yearâ€•old children in 24 countries from the World Health Organization European region. <i>Obesity Reviews</i> , 2021, 22, e13213.	6.5	48
20	Creatine Supplementation in Young Soccer Players. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2004, 14, 95-103.	2.1	46
21	Advanced physiological roles of guanidinoacetic acid. <i>European Journal of Nutrition</i> , 2015, 54, 1211-1215.	3.9	45
22	Guanidinoacetic acid as a performance-enhancing agent. <i>Amino Acids</i> , 2016, 48, 1867-1875.	2.7	44
23	Creatine Metabolism and Safety Profiles after Six-Week Oral Guanidinoacetic Acid Administration in Healthy Humans. <i>International Journal of Medical Sciences</i> , 2013, 10, 141-147.	2.5	42
24	Effectiveness of Oral and Topical Hydrogen for Sports-Related Soft Tissue Injuries. <i>Postgraduate Medicine</i> , 2014, 126, 188-196.	2.0	41
25	Brief ideas about evidence-based recovery in team sports. <i>Journal of Exercise Rehabilitation</i> , 2018, 14, 545-550.	1.0	37
26	Ultra short-term heart rate recovery after maximal exercise in continuous versus intermittent endurance athletes. <i>European Journal of Applied Physiology</i> , 2010, 108, 1055-1059.	2.5	36
27	Molecular hydrogen: An inert gas turns clinically effective. <i>Annals of Medicine</i> , 2015, 47, 301-304.	3.8	36
28	Hydrogen-rich water reduces liver fat accumulation and improves liver enzyme profiles in patients with non-alcoholic fatty liver disease: a randomized controlled pilot trial. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2019, 43, 688-693.	1.5	36
29	Effects of Rapid Weight Loss on Judo Athletes: A Systematic Review. <i>Nutrients</i> , 2020, 12, 1220.	4.1	36
30	Hydrogen-Rich Water Affected Blood Alkalinity in Physically Active Men. <i>Research in Sports Medicine</i> , 2014, 22, 49-60.	1.3	34
31	Dietary intake habits and controlled training on body composition and strength in elite female volleyball players during the season. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 827-834.	1.9	34
32	Guanidinoacetic acid versus creatine for improved brain and muscle creatine levels: a superiority pilot trial in healthy men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 1005-1007.	1.9	34
33	Elite and Nonelite Soccer Players: Preseasonal Physical and Physiological Characteristics. <i>Research in Sports Medicine</i> , 2004, 12, 143-150.	1.3	32
34	Yohimbine: The Effects on Body Composition and Exercise Performance in Soccer Players. <i>Research in Sports Medicine</i> , 2006, 14, 289-299.	1.3	31
35	Meta-Analysis Examining the Importance of Creatine Ingestion Strategies on Lean Tissue Mass and Strength in Older Adults. <i>Nutrients</i> , 2021, 13, 1912.	4.1	31
36	Socioeconomic differences in food habits among 6â€•to 9â€•yearâ€•old children from 23 countriesâ€•WHO European Childhood Obesity Surveillance Initiative (COSI 2015/2017). <i>Obesity Reviews</i> , 2021, 22, e13211.	6.5	31

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37	Exercise-induced mitochondrial dysfunction: a myth or reality?. <i>Clinical Science</i> , 2016, 130, 1407-1416.	4.3	30
38	Socioeconomic disparities in physical activity, sedentary behavior and sleep patterns among 6â€”to 9â€”yearâ€”old children from 24 countries in the WHO European region. <i>Obesity Reviews</i> , 2021, 22, e13209.	6.5	30
39	Effects of Creatine Supplementation on Brain Function and Health. <i>Nutrients</i> , 2022, 14, 921.	4.1	30
40	Ultra Short-Term Heart Rate Recovery after Maximal Exercise: Relations to Aerobic Power in Sportsmen. <i>Chinese Journal of Physiology</i> , 2011, 54, 105-110.	1.0	29
41	WHO European Childhood Obesity Surveillance Initiative in Serbia: a prevalence of overweight and obesity among 6â€”9-year-old school children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2016, 29, 1025-30.	0.9	28
42	Co-administration of methyl donors along with guanidinoacetic acid reduces the incidence of hyperhomocysteinaemia compared with guanidinoacetic acid administration alone. <i>British Journal of Nutrition</i> , 2013, 110, 865-870.	2.3	27
43	Targeting molecular hydrogen to mitochondria: Barriers and gateways. <i>Pharmacological Research</i> , 2015, 94, 51-53.	7.1	27
44	Supplementation with Guanidinoacetic Acid in Women with Chronic Fatigue Syndrome. <i>Nutrients</i> , 2016, 8, 72.	4.1	27
45	Prediction of adult height by Tanner-Whitehouse method in young Caucasian male athletes. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2013, 106, 341-345.	0.5	26
46	Iron supplementation prevents a decline in iron stores and enhances strength performance in elite female volleyball players during the competitive season. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 615-622.	1.9	26
47	Effects of a carbohydrate-electrolyte drink on specific soccer tests and performance. <i>Journal of Sports Science and Medicine</i> , 2002, 1, 47-53.	1.6	26
48	Cardiorespiratory Fitness in Volleyball Athletes Following a COVID-19 Infection: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4059.	2.6	24
49	Methodology and implementation of the WHO European Childhood Obesity Surveillance Initiative (COSI). <i>Obesity Reviews</i> , 2021, 22, e13215.	6.5	24
50	Serum Alkalinization and Hydrogen-Rich Water in Healthy Men. <i>Mayo Clinic Proceedings</i> , 2012, 87, 501-502.	3.0	23
51	Criterion validity and reliability of the International Physical Activity Questionnaire â€” Hungarian short form against the RM42 accelerometer. <i>BMC Public Health</i> , 2021, 21, 381.	2.9	23
52	Tackling guanidinoacetic acid for advanced cellular bioenergetics. <i>Nutrition</i> , 2017, 34, 55-57.	2.4	22
53	Does H ₂ Alter Mitochondrial Bioenergetics via GHS-R1 \pm Activation?. <i>Theranostics</i> , 2017, 7, 1330-1332.	10.0	22
54	Perspective: Creatine, a Conditionally Essential Nutrient: Building the Case. <i>Advances in Nutrition</i> , 2022, 13, 34-37.	6.4	22

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55	Parental Perceptions of Children's Weight Status in 22 Countries: The WHO European Childhood Obesity Surveillance Initiative: COSI 2015/2017. <i>Obesity Facts</i> , 2021, 14, 658-674.	3.4	21
56	Gastrointestinal Distress After Creatine Supplementation in Athletes: Are Side Effects Dose Dependent?. <i>Research in Sports Medicine</i> , 2008, 16, 15-22.	1.3	20
57	Dietary guanidinoacetic acid increases brain creatine levels in healthy men. <i>Nutrition</i> , 2017, 33, 149-156.	2.4	19
58	Effects of Rapid Weight Loss on Kidney Function in Combat Sport Athletes. <i>Medicina (Lithuania)</i> , 2021, 57, 551.	2.0	19
59	Dose-response effects of oral guanidinoacetic acid on serum creatine, homocysteine and B vitamins levels. <i>European Journal of Nutrition</i> , 2014, 53, 1637-1643.	3.9	18
60	Guanidinoacetic acid increases skeletal muscle creatine stores in healthy men. <i>Nutrition</i> , 2016, 32, 723-724.	2.4	18
61	Evidence-based post-exercise recovery strategies in rugby: a narrative review. <i>Physician and Sportsmedicine</i> , 2019, 47, 137-147.	2.1	18
62	Oxidant-Antioxidant Capacity of Dietary Guanidinoacetic Acid. <i>Annals of Nutrition and Metabolism</i> , 2015, 67, 243-246.	1.9	15
63	Short-term H2 inhalation improves running performance and torso strength in healthy adults. <i>Biology of Sport</i> , 2019, 36, 333-339.	3.2	15
64	Correlation between biomarkers of creatine metabolism and serum indicators of peripheral muscle fatigue during exhaustive exercise in active men. <i>Research in Sports Medicine</i> , 2020, 28, 147-154.	1.3	15
65	The effects of 6-month hydrogen-rich water intake on molecular and phenotypic biomarkers of aging in older adults aged 70 years and over: A randomized controlled pilot trial. <i>Experimental Gerontology</i> , 2021, 155, 111574.	2.8	15
66	Stretching and Injury Prevention in Football: Current Perspectives. <i>Research in Sports Medicine</i> , 2011, 19, 73-91.	1.3	14
67	What Are We Doing Wrong When Athletes Report Higher Levels of Fatigue From Traveling Than From Training or Competition?. <i>Frontiers in Psychology</i> , 2020, 11, 194.	2.1	14
68	The Effects of a 4-week Coffeeberry Supplementation on Antioxidant Status, Endurance, and Anaerobic Performance in College Athletes. <i>Research in Sports Medicine</i> , 2008, 16, 281-294.	1.3	13
69	Lack of concordance amongst measurements of individual anaerobic threshold and maximal lactate steady state on a cycle ergometer. <i>Physician and Sportsmedicine</i> , 2016, 44, 34-45.	2.1	13
70	Co-administration of creatine and guanidinoacetic acid for augmented tissue bioenergetics: A novel approach?. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 238-240.	5.6	13
71	Hydrogen-rich water as a modulator of gut microbiota?. <i>Journal of Functional Foods</i> , 2021, 78, 104360.	3.4	13
72	Effects of Short-Term Dehydroepiandrosterone Supplementation on Body Composition in Young Athletes. <i>Chinese Journal of Physiology</i> , 2010, 53, 19-25.	1.0	13

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73	Serum creatine, creatinine and total homocysteine concentration-time profiles after a single oral dose of guanidinoacetic acid in humans. <i>Journal of Functional Foods</i> , 2014, 6, 598-605.	3.4	12
74	A single session of exhaustive exercise markedly decreases circulating levels of guanidinoacetic acid in healthy men and women. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 1100-1103.	1.9	12
75	Diagnostic and Pharmacological Potency of Creatine in Post-Viral Fatigue Syndrome. <i>Nutrients</i> , 2021, 13, 503.	4.1	12
76	Anthropometry and performance of top youth international male basketball players in Spanish national academy. <i>Nutricion Hospitalaria</i> , 2018, 35, 1331.	0.3	12
77	Safety of Dietary Guanidinoacetic Acid: A Villain of a Good Guy?. <i>Nutrients</i> , 2022, 14, 75.	4.1	12
78	Is molecular hydrogen beneficial to enhance post-exercise recovery in female athletes?. <i>Science and Sports</i> , 2016, 31, 207-213.	0.5	11
79	Guanidinoacetic Acid and Creatine are Associated with Cardiometabolic Risk Factors in Healthy Men and Women: A Cross-Sectional Study. <i>Nutrients</i> , 2018, 10, 87.	4.1	11
80	Guanidinoacetic acid deficiency: a new entity in clinical medicine?. <i>International Journal of Medical Sciences</i> , 2020, 17, 2544-2550.	2.5	11
81	Guanidinoacetic acid as a novel food for skeletal muscle health. <i>Journal of Functional Foods</i> , 2020, 73, 104129.	3.4	11
82	Creatine as a food supplement for the general population. <i>Journal of Functional Foods</i> , 2021, 83, 104568.	3.4	11
83	Nitric Oxide: The Missing Factor in COVID-19 Severity?. <i>Medical Sciences (Basel, Switzerland)</i> , 2022, 10, 3.	2.9	11
84	The Effects of Vitamin E and Vitamin C Supplementation on Bioenergetics Index. <i>Research in Sports Medicine</i> , 2007, 15, 249-256.	1.3	10
85	Single-dose oral guanidinoacetic acid exhibits dose-dependent pharmacokinetics in healthy volunteers. <i>Nutrition Research</i> , 2015, 35, 198-205.	2.9	10
86	Dietetic-nutritional, physical and physiological recovery methods post-competition in team sports. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 415-428.	0.7	10
87	Six-Week Oral Guanidinoacetic Acid Administration Improves Muscular Performance in Healthy Volunteers. <i>Journal of Investigative Medicine</i> , 2015, 63, 942-946.	1.6	9
88	Guanidinoacetic acid loading affects plasma \hat{I}^3 -aminobutyric acid in healthy men. <i>European Journal of Nutrition</i> , 2015, 54, 855-858.	3.9	9
89	Cellular bioenergetics of guanidinoacetic acid: the role of mitochondria. <i>Journal of Bioenergetics and Biomembranes</i> , 2015, 47, 369-372.	2.3	9
90	Guanidinoacetic acid with creatine compared with creatine alone for tissue creatine content, hyperhomocysteinemia, and exercise performance: A randomized, double-blind superiority trial. <i>Nutrition</i> , 2019, 57, 162-166.	2.4	9

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91	Recovery in volleyball. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 982-993.	0.7	9
92	Creatine synthesis in the skeletal muscle: the times they are a-changinâ€™™. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E390-E391.	3.5	9
93	Dietary creatine and cognitive function in U.S. adults aged 60Âyears and over. <i>Aging Clinical and Experimental Research</i> , 2021, , 1.	2.9	9
94	Dietary creatine intake in U.S. population: NHANES 2017â€™“2018. <i>Nutrition</i> , 2021, 87-88, 111207.	2.4	9
95	Comparing Sports Injuries in Soccer: Influence of a Positional Role. <i>Research in Sports Medicine</i> , 2003, 11, 203-208.	1.3	8
96	Non-gut microbiota as a source of bioactive hydrogen. <i>Postgraduate Medical Journal</i> , 2017, 93, 170-170.	1.8	8
97	Hydrophilic interaction chromatography coupled to tandem mass spectrometry as a method for simultaneous determination of guanidinoacetate and creatine. <i>Analytica Chimica Acta</i> , 2018, 1028, 96-103.	5.4	8
98	Guidelines-Driven Educational Intervention Promotes Healthy Lifestyle Among Adolescents and Adults: A Serbian National Longitudinal Study. <i>Medicina (Lithuania)</i> , 2019, 55, 39.	2.0	8
99	Hydrogen vs. Caffeine for Improved Alertness in Sleep-Deprived Humans. <i>Neurophysiology</i> , 2020, 52, 67-72.	0.3	8
100	Urban and rural differences in frequency of fruit, vegetable, and soft drink consumption among 6â€™“9â€™yearâ€™old children from 19 countries from the WHO European region. <i>Obesity Reviews</i> , 2021, 22 Suppl 6, e13207.	6.5	8
101	Hydrotherapy with hydrogen-rich water compared with RICE protocol following acute ankle sprain in professional athletes: a randomized non-inferiority pilot trial. <i>Research in Sports Medicine</i> , 2021, 29, 517-525.	1.3	8
102	Editorial: Post-Exercise Recovery: Fundamental and Interventional Physiology. <i>Frontiers in Physiology</i> , 2016, 7, 3.	2.8	7
103	The Spanish â€™œCentury XXIâ€™ academy for developing elite level basketballers: design, monitoring and training methodologies. <i>Physician and Sportsmedicine</i> , 2016, 44, 148-157.	2.1	7
104	Mitochondria-targeted nutraceuticals in sports medicine: a new perspective. <i>Research in Sports Medicine</i> , 2017, 25, 91-100.	1.3	7
105	Plasma creatine as a marker of mitochondrial dysfunction. <i>Medical Hypotheses</i> , 2018, 113, 52-53.	1.5	7
106	28-Days Hydrogen-Rich Water Supplementation Affects Exercise Capacity in Mid-Age Overweight Women. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 728-729.	0.4	7
107	Searching for a better formulation to enhance muscle bioenergetics: A randomized controlled trial of creatine nitrate plus creatininevs.creatine nitratevs.creatine monohydrate in healthy men. <i>Food Science and Nutrition</i> , 2019, 7, 3766-3773.	3.4	7
108	N-Acetylaspartate-to-creatine ratio in twelve brain locations among healthy men and women with different levels of education. <i>Neuroscience Letters</i> , 2019, 692, 23-26.	2.1	7

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109	Benefits and drawbacks of guanidinoacetic acid as a possible treatment to replenish cerebral creatine in AGAT deficiency. <i>Nutritional Neuroscience</i> , 2019, 22, 302-305.	3.1	7
110	Creatine and multiple sclerosis. <i>Nutritional Neuroscience</i> , 2022, 25, 912-919.	3.1	7
111	COVID-19 and molecular hydrogen inhalation. <i>Therapeutic Advances in Respiratory Disease</i> , 2020, 14, 175346662095105.	2.6	7
112	Human gut microbiota as a source of guanidinoacetic acid. <i>Medical Hypotheses</i> , 2020, 142, 109745.	1.5	7
113	The 360° Performance System in Team Sports: Is It Time to Design a “Personalized Jacket” for Team Sports Players?. <i>Sports</i> , 2021, 9, 40.	1.7	7
114	Relationship between Dietary Creatine and Growth Indicators in Children and Adolescents Aged 2–19 Years: A Cross-Sectional Study. <i>Nutrients</i> , 2021, 13, 1027.	4.1	7
115	Post-exercise Recovery Methods Focus on Young Soccer Players: A Systematic Review. <i>Frontiers in Physiology</i> , 2021, 12, 505149.	2.8	7
116	Rapid Weight Loss Practices in Grapplers Competing in Combat Sports. <i>Frontiers in Physiology</i> , 2022, 13, 842992.	2.8	7
117	Sublingual Nucleotides Prolong Run Time to Exhaustion in Young Physically Active Men. <i>Nutrients</i> , 2013, 5, 4776-4785.	4.1	6
118	Experimental and computational study of guanidinoacetic acid self-aggregation in aqueous solution. <i>Food Chemistry</i> , 2017, 237, 53-57.	8.2	6
119	Impaired Bioenergetics in Clinical Medicine: A Target to Tackle. <i>Tohoku Journal of Experimental Medicine</i> , 2017, 243, 227-235.	1.2	6
120	Dietary guanidinoacetic acid does not accumulate in the brain of healthy men. <i>European Journal of Nutrition</i> , 2018, 57, 3003-3005.	3.9	6
121	Synthesis and Thermophysical Characterization of New Biologically Friendly Agmatine-Based Ionic Liquids and Salts by Experimental and Computational Approach. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10773-10783.	6.7	6
122	The effect of rapid weight loss on body composition and circulating markers of creatine metabolism in judokas. <i>Kinesiology</i> , 2019, 51, 158-160.	0.6	6
123	Dietary supplementation with L-carnosine improves patient-reported outcomes, autonomic nervous system performance, and brain metabolism in 3 adult patients with multiple sclerosis. <i>Nutrition Research</i> , 2020, 84, 63-69.	2.9	6
124	Guanidinoacetic acid loading for improved location-specific brain creatine. <i>Clinical Nutrition</i> , 2021, 40, 324-326.	5.0	6
125	Childhood Obesity in Serbia on the Rise. <i>Children</i> , 2021, 8, 409.	1.5	6
126	The Effect of 4 Weeks Treatment with a 2-gram Daily Dose of Pyruvate on Body Composition in Healthy Trained Men. <i>International Journal for Vitamin and Nutrition Research</i> , 2009, 79, 173-179.	1.5	5

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127	Sublingual nucleotides and immune response to exercise. <i>Journal of the International Society of Sports Nutrition</i> , 2012, 9, 31.	3.9	5
128	Eumelanin-driven production of molecular hydrogen: A novel element of skin defense?. <i>Medical Hypotheses</i> , 2015, 85, 237-238.	1.5	5
129	Does body fat percentage predict post-exercise heart rate response in non-obese children and adolescents?. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 629-633.	0.9	5
130	Hydrogen-rich water and caffeine for alertness and brain metabolism in sleep-deprived habitual coffee drinkers. <i>Food Science and Nutrition</i> , 2021, 9, 5139-5145.	3.4	5
131	Dietary intake of creatine and risk of medical conditions in U.S. older men and women: Data from the 2017-2018 National Health and Nutrition Examination Survey. <i>Food Science and Nutrition</i> , 2021, 9, 5746-5754.	3.4	5
132	Case Report: Acute hydrotherapy with super-saturated hydrogen-rich water for ankle sprain in a professional athlete. <i>F1000Research</i> , 2020, 9, 245.	1.6	5
133	Characteristics of Elite and Non-elite Yugoslav Soccer Players: Correlates of Success. <i>Journal of Sports Science and Medicine</i> , 2003, 2, 34-5.	1.6	5
134	The Recovery Umbrella in the World of Elite Sport: Do Not Forget the Coaching and Performance Staff. <i>Sports</i> , 2021, 9, 169.	1.7	5
135	An alternative mechanism for guanidinoacetic acid to affect methylation cycle. <i>Medical Hypotheses</i> , 2014, 83, 847-848.	1.5	4
136	Effects of Guanidinoacetic Acid Loading on Biomarkers of Cardiometabolic Risk and Inflammation. <i>Annals of Nutrition and Metabolism</i> , 2018, 72, 18-20.	1.9	4
137	Thinness in young schoolchildren in Serbia: another case of the double burden of malnutrition?. <i>Public Health Nutrition</i> , 2018, 21, 877-881.	2.2	4
138	Medical Gases as an Emerging Topic in Sports Medicine. <i>Sports Medicine</i> , 2018, 48, 2677-2678.	6.5	4
139	Are there natural spring waters rich in molecular hydrogen?. <i>Trends in Food Science and Technology</i> , 2019, 90, 157.	15.1	4
140	The Effects of Supersaturated Hydrogen-Rich Water Bathing on Biomarkers of Muscular Damage and Soreness Perception in Young Men Subjected to High-Intensity Eccentric Exercise. <i>Hindawi Publishing Corporation</i> , 2020, 2020, 1-5.	1.1	4
141	Can creatine help in pulmonary rehabilitation after COVID-19?. <i>Therapeutic Advances in Respiratory Disease</i> , 2020, 14, 175346662097114.	2.6	4
142	Eat less meat: Fortifying food with creatine to tackle climate change. <i>Clinical Nutrition</i> , 2020, 39, 2320.	5.0	4
143	Hydrogen Gas as an Exotic Performance-Enhancing Agent: Challenges and Opportunities. <i>Current Pharmaceutical Design</i> , 2021, 27, 723-730.	1.9	4
144	Behind the mask: Rethinking the use of face masks while exercising. <i>Science and Sports</i> , 2021, 36, 430-432.	0.5	4

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145	Guanidinoacetate-Creatine Supplementation Improves Functional Performance and Muscle and Brain Bioenergetics in the Elderly: A Pilot Study. <i>Annals of Nutrition and Metabolism</i> , 2021, 77, 244-247.	1.9	4
146	Dietary Intake of Creatine in Children Aged 0â€“24 Months. <i>Annals of Nutrition and Metabolism</i> , 2021, 77, 185-188.	1.9	4
147	Case Report: Buccal administration of hydrogen-producing blend after a mild traumatic brain injury in a professional athlete. <i>F1000Research</i> , 2019, 8, 1024.	1.6	4
148	Age-Related Changes in Serum Guanidinoacetic Acid in Women. <i>Physiological Research</i> , 2019, 68, 1033-1036.	0.9	4
149	Changes in body fat content of top-level soccer players. <i>Journal of Sports Science and Medicine</i> , 2002, 1, 54-5.	1.6	4
150	Creatine as a Promising Component of Paternal Preconception Diet. <i>Nutrients</i> , 2022, 14, 586.	4.1	4
151	Is melanin a source of bioactive molecular hydrogen?. <i>Pharmacological Research</i> , 2016, 103, 177-179.	7.1	3
152	Hydrogen inhalation positively affects cardiometabolic risk factors in men and women aged 65 years or older: a preliminary report. <i>European Geriatric Medicine</i> , 2018, 9, 729-730.	2.8	3
153	Exercise-Driven Increase in Gut Microbial Hydrogen Production as a Possible Factor of Metabolic Health. <i>Frontiers in Physiology</i> , 2020, 11, 1065.	2.8	3
154	Postviral fatigue syndrome and creatine: a piece of the puzzle?. <i>Nutritional Neuroscience</i> , 2020, , 1-2.	3.1	3
155	Advancing health-enhancing physical activity at workplace: Sport4Heath 2020 scientific forum. <i>BMC Proceedings</i> , 2020, 14, 13.	1.6	3
156	Symmetric Dimethylarginine as a Secondary Prevention Biomarker of Chronic Kidney Disease. <i>Nephron</i> , 2020, 144, 310-312.	1.8	3
157	Overcoming restraints of dietary creatine. <i>Trends in Food Science and Technology</i> , 2020, 100, 246-247.	15.1	3
158	Modulation of CT1 Function: From Klotho Protein to Ammonia and Beyond. <i>Frontiers in Nutrition</i> , 2021, 8, 660021.	3.7	3
159	Dietary Patterns and Weight Status of Primary School Children in Serbia. <i>Frontiers in Public Health</i> , 2021, 9, 678346.	2.7	3
160	Do Pregnant Women Consume Enough Creatine? Evidence from NHANES 2011â€“2018. <i>Annals of Nutrition and Metabolism</i> , 2022, 78, 114-116.	1.9	3
161	Guanidinoacetic Acid Consumption via Regular Diet in Adults. <i>Annals of Nutrition and Metabolism</i> , 2022, 78, 46-47.	1.9	3
162	Cataloguing guanidinoacetic acid content in various foods. <i>International Journal for Vitamin and Nutrition Research</i> , 2022, 92, 158-160.	1.5	3

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163	The effects of coffeeberry extract on plasma total phenolic content and antioxidant capacity in physically active men. <i>Science and Sports</i> , 2012, 27, 308-311.	0.5	2
164	Should hydrogen therapy be included in a musculoskeletal medicine routine?. <i>F1000Research</i> , 2016, 5, 2659.	1.6	2
165	A new perspective to improve brain bioenergetics in disorders with functional GAMT and CT1. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1833.	5.6	2
166	Correlation between body fat and post-exercise heart rate in healthy men and women. <i>Science and Sports</i> , 2017, 32, 364-368.	0.5	2
167	Human skeletal muscle contains no detectable guanidinoacetic acid. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 647-649.	1.9	2
168	Does Dietary Provision of Guanidinoacetic Acid Induce Global DNA Hypomethylation in Healthy Men and Women?. <i>Lifestyle Genomics</i> , 2018, 11, 16-18.	1.7	2
169	Cardiovascular autonomic reflex tests and serum FGF21 levels in overweight and normal-weight men and women. <i>Archives of Physiology and Biochemistry</i> , 2019, , 1-5.	2.1	2
170	Short-term GAA loading: Responders versus nonresponders analysis. <i>Food Science and Nutrition</i> , 2020, 8, 4446-4448.	3.4	2
171	Brain creatine alteration and executive function deficits in children born very preterm. <i>Pediatric Research</i> , 2020, 88, 704-704.	2.3	2
172	Creatine loading for chronic migraine?. <i>Cephalalgia</i> , 2020, 40, 878-879.	3.9	2
173	Dietary creatine and kidney function in adult population: NHANES 2017-2018. <i>Food Science and Nutrition</i> , 2021, 9, 2257-2259.	3.4	2
174	Oxygen saturation improved with nitrate-based nutritional formula in patients with COVID-19. <i>Journal of International Medical Research</i> , 2021, 49, 030006052110123.	1.0	2
175	Pre-Planned and Non-Planned Agility in Patients Ongoing Rehabilitation after Knee Surgery: Design, Reliability and Validity of the Newly Developed Testing Protocols. <i>Diagnostics</i> , 2021, 11, 146.	2.6	2
176	The Effectiveness of Exercise Prescription in Patients Treated for Peripheral Artery Disease of Lower Limbs. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 73.	0.4	2
177	Guanidinoacetate-creatine in secondary progressive multiple sclerosis: a case report. <i>Journal of International Medical Research</i> , 2022, 50, 030006052110733.	1.0	2
178	Hydrogen-rich water alleviates inflammation and fatigue in COVID-19: A pilot study. <i>European Journal of Inflammation</i> , 2022, 20, 1721727X2210941.	0.5	2
179	Low Tissue Creatine: A Therapeutic Target in Clinical Nutrition. <i>Nutrients</i> , 2022, 14, 1230.	4.1	2
180	Improving Brain Creatine Uptake by Klotho Protein Stimulation: Can Diet Hit the Big Time?. <i>Frontiers in Nutrition</i> , 2021, 8, 795599.	3.7	2

#	ARTICLE	IF	CITATIONS
181	Guanidinoacetic Acid as a Nutritional Adjuvant to Multiple Sclerosis Therapy. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	2.0	2
182	Can the Most Abundant Element in the Universe Help to Tackle Diabetes?. <i>Annals of Nutrition and Metabolism</i> , 2019, 75, 195-196.	1.9	1
183	Basketball for Health: Should We Hop and Shoot for a Remedy?. <i>Mayo Clinic Proceedings</i> , 2019, 94, 364-365.	3.0	1
184	24-hour dynamics for serum biomarkers of creatine metabolism after an acute session of exhaustive resistance exercise in active men. <i>Science and Sports</i> , 2019, 34, 181-185.	0.5	1
185	Hydrogen Studies at ClinicalTrials.gov: The Dawn of a New Era?. <i>American Journal of the Medical Sciences</i> , 2020, 359, 51-53.	1.1	1
186	Brain creatine for predicting clinical course in white matter disorders. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 45, 102441.	2.0	1
187	Does drinking water rich in hydrogen gas revive brain hypometabolism in neurodegeneration by SCFAs upregulation?. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 212-213.	2.9	1
188	Guanidinoacetic acid as an adjunct biomarker in schizophrenia. <i>Asian Journal of Psychiatry</i> , 2021, 57, 102566.	2.0	1
189	A single-dose nitrate-producing dietary supplement affects cardiorespiratory endurance and muscular fitness in healthy men: A randomized controlled pilot trial. <i>SAGE Open Medicine</i> , 2021, 9, 205031212110361.	1.8	1
190	What do over-trained athletes and patients with neurodegenerative diseases have in common? Mitochondrial dysfunction. <i>Experimental Biology and Medicine</i> , 2021, 246, 1241-1243.	2.4	1
191	Hydrogen as a Potential Therapeutic in Obesity: Targeting the Brain. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 191-193.	7.1	1
192	Health and physical fitness profiling of working population: Sport4Health 2021. <i>BMC Proceedings</i> , 2021, 15, 11.	1.6	1
193	Temporal trends in dietary creatine intake from 1999 to 2018: an ecological study with 89,161 participants. <i>Journal of the International Society of Sports Nutrition</i> , 2021, 18, 53.	3.9	1
194	Effect of Creatine and Guanidinoacetate Supplementation on Plasma Homocysteine in Metabolically Healthy Men and Women. <i>Annals of Nutrition and Metabolism</i> , 2021, 77, 1-2.	1.9	1
195	AEROBIC ACTIVITY OF STUDENTS DURING PHYSICAL EDUCATION FITT CLASSES. <i>Facta Universitatis Series Physical Education and Sport</i> , 0, , 515.	0.2	1
196	The Effects of 6-Week Supplementation with Multicomponent Herbal Extract on Exercise Performance, Antioxidant Status and Telomere Length, and Self-Reported Side Effects in Healthy Men: A Randomized Controlled Pilot Trial. <i>Current Topics in Nutraceutical Research</i> , 2020, 19, 520-524.	0.1	1
197	Food Creatine and DXA-Derived Body Composition in Boys and Girls Aged 8 to 19. <i>Nutrition and Metabolic Insights</i> , 2021, 14, 117863882110593.	1.9	1
198	Hydrogen-rich water as a dietary activator of brown adipose tissue and UCP1?. <i>Annals of Nutrition and Metabolism</i> , 0, , .	1.9	1

#	ARTICLE	IF	CITATIONS
199	Aerobic capacity and ultra short-term heart rate recovery after maximal exercise in sportswomen. <i>Science and Sports</i> , 2010, 25, 267-271.	0.5	0
200	Performance-enhancing effects of non-selective endothelin receptor antagonist. <i>International Journal of Cardiology</i> , 2014, 171, 294-297.	1.7	0
201	28-day Guanidinoacetic Acid Supplementation Improves Clinical Outcomes In Patients With Chronic Fatigue Syndrome. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 59.	0.4	0
202	Heart Responses In Elite Women Basketball Referees During The 2013 Eurobasket Championship. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 761.	0.4	0
203	Early cessation of growth at age 13 in an athletic boy. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2015, 108, 903-904.	0.5	0
204	The Effects of Guanidinoacetic Acid Supplementation on Muscle Creatine Content. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 58.	0.4	0
205	Serum creatine is not a reliable marker of muscular fitness in young adults. <i>Biomarkers</i> , 2018, 23, 422-424.	1.9	0
206	Eat to compete: evidence-based perspectives for health and performance. <i>Research in Sports Medicine</i> , 2019, 27, 131-133.	1.3	0
207	Serum GAA as a Possible Biomarker of Exhaustive Exercise?. <i>Frontiers in Physiology</i> , 2019, 10, 1506.	2.8	0
208	A Case Study of L-Carnosine for Patient-Reported Outcomes and Brain Metabolism in Multiple Sclerosis. <i>Current Developments in Nutrition</i> , 2020, 4, nzaa057_045.	0.3	0
209	Hydrotherapy With Hydrogen-rich Water Versus R.I.C.E. Protocol For Acute Ankle Sprain In Professional Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1008-1008.	0.4	0
210	Upregulation of AGAT as a Possible Target in Molecular Nutrition. <i>Annals of Nutrition and Metabolism</i> , 2020, 76, 207-208.	1.9	0
211	Effects of 7-day supplementation with escalating doses of citrulline nitrate on resting and post-exercise blood pressure and safety biomarkers in healthy men: A randomized controlled trial. <i>Toxicology Research and Application</i> , 2021, 5, 239784732110386.	0.6	0
212	Novel nutraceuticals to tackle brain and muscle bioenergetics. , 2021, , 431-450.		0
213	Nutritional Profiles of US Adults with Suboptimal Dietary Creatine Intake. <i>Annals of Nutrition and Metabolism</i> , 2021, 77, 154-158.	1.9	0
214	Nutritional Profiles of U.S. Adults With Suboptimal Dietary Creatine Intake. <i>Current Developments in Nutrition</i> , 2021, 5, 1076.	0.3	0
215	Effectiveness Of Molecular Hydrogen In The Management Of Musculotendinous Injuries. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 201.	0.4	0
216	Post-Exercise Ultra-Short Term Heart Rate Recovery in Women with Stratified Cardiovascular Risks. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 292.	0.4	0

#	ARTICLE	IF	CITATIONS
217	Letter: balancing gut hydrogen as a proxy for bacteriotherapy benefits in irritable bowel syndrome. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 51, 1451-1452.	3.7	0
218	Rapid Weight Loss Adversely Affects Muscle Damage Markers In Elite Judo Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1070-1070.	0.4	0
219	A high dose of creatine combined with resistance training appears to be required to augment indices of bone health in older adults. <i>Annals of Nutrition and Metabolism</i> , 2021, , .	1.9	0
220	Food creatine and health risks in elderly men and women. <i>Clinical Nutrition ESPEN</i> , 2021, 46, S557.	1.2	0
221	Multi-year participation in prolonged athletic training is associated with higher risk of chronic fatigue and abnormal serum FGF21 levels in professional athletes. <i>Medicina Dello Sport</i> , 2021, 74, .	0.1	0
222	The Effects of Functional Knee Bracing on Injury Prevention and Sport Performance. , 0, , .		0