

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
1	Creatine and multiple sclerosis. <i>Nutritional Neuroscience</i> , 2022, 25, 912-919.	3.1	7
2	Perspective: Creatine, a Conditionally Essential Nutrient: Building the Case. <i>Advances in Nutrition</i> , 2022, 13, 34-37.	6.4	22
3	Do Pregnant Women Consume Enough Creatine? Evidence from NHANES 2011-2018. <i>Annals of Nutrition and Metabolism</i> , 2022, 78, 114-116.	1.9	3
4	Guanidinoacetic Acid Consumption via Regular Diet in Adults. <i>Annals of Nutrition and Metabolism</i> , 2022, 78, 46-47.	1.9	3
5	Creatine as a Promising Component of Paternal Preconception Diet. <i>Nutrients</i> , 2022, 14, 586.	4.1	4
6	Guanidinoacetate-creatine in secondary progressive multiple sclerosis: a case report. <i>Journal of International Medical Research</i> , 2022, 50, 030006052110733.	1.0	2
7	Rapid Weight Loss Practices in Grapplers Competing in Combat Sports. <i>Frontiers in Physiology</i> , 2022, 13, 842992.	2.8	7
8	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
9	Effects of Creatine Supplementation on Brain Function and Health. <i>Nutrients</i> , 2022, 14, 921.	4.1	30
10	Low Tissue Creatine: A Therapeutic Target in Clinical Nutrition. <i>Nutrients</i> , 2022, 14, 1230.	4.1	2
11	Cataloguing guanidinoacetic acid content in various foods. <i>International Journal for Vitamin and Nutrition Research</i> , 2022, 92, 158-160.	1.5	3
12	Safety of Dietary Guanidinoacetic Acid: A Villain of a Good Guy?. <i>Nutrients</i> , 2022, 14, 75.	4.1	12
13	Nitric Oxide: The Missing Factor in COVID-19 Severity?. <i>Medical Sciences (Basel, Switzerland)</i> , 2022, 10, 3.	2.9	11
14	Guanidinoacetic Acid as a Nutritional Adjuvant to Multiple Sclerosis Therapy. <i>Frontiers in Human Neuroscience</i> , 2022, 16, .	2.0	2
15	Guanidinoacetic acid loading for improved location-specific brain creatine. <i>Clinical Nutrition</i> , 2021, 40, 324-326.	5.0	6
16	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
17	Guanidinoacetic acid as an adjunct biomarker in schizophrenia. <i>Asian Journal of Psychiatry</i> , 2021, 57, 102566.	2.0	1
18	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

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19	Novel nutraceuticals to tackle brain and muscle bioenergetics. , 2021, , 431-450.		0
20	Global mortality from dementia: Application of a new method and results from the Global Burden of Disease Study 2019. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2021, 7, e12200.	3.7	53
21	Nutritional Profiles of US Adults with Suboptimal Dietary Creatine Intake. Annals of Nutrition and Metabolism, 2021, 77, 154-158.	1.9	0
22	A single-dose nitrate-producing dietary supplement affects cardiorespiratory endurance and muscular fitness in healthy men: A randomized controlled pilot trial. SAGE Open Medicine, 2021, 9, 205031212110361.	1.8	1
23	What do over-trained athletes and patients with neurodegenerative diseases have in common? Mitochondrial dysfunction. Experimental Biology and Medicine, 2021, 246, 1241-1243.	2.4	1
24	Creatine Supplementation and Brain Health. Nutrients, 2021, 13, 586.	4.1	56
25	Dietary creatine and kidney function in adult population: NHANES 2017-2018. Food Science and Nutrition, 2021, 9, 2257-2259.	3.4	2
26	Creatine synthesis in the skeletal muscle: the times they are a-changinâ€™™. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E390-E391.	3.5	9
27	Diagnostic and Pharmacological Potency of Creatine in Post-Viral Fatigue Syndrome. Nutrients, 2021, 13, 503.	4.1	12
28	Hydrogen-rich water as a modulator of gut microbiota?. Journal of Functional Foods, 2021, 78, 104360.	3.4	13
29	The 360Â° Performance System in Team Sports: Is It Time to Design a "Personalized Jacket" for Team Sports Players?. Sports, 2021, 9, 40.	1.7	7
30	Relationship between Dietary Creatine and Growth Indicators in Children and Adolescents Aged 2-19 Years: A Cross-Sectional Study. Nutrients, 2021, 13, 1027.	4.1	7
31	Hydrogen Gas as an Exotic Performance-Enhancing Agent: Challenges and Opportunities. Current Pharmaceutical Design, 2021, 27, 723-730.	1.9	4
32	Cardiorespiratory Fitness in Volleyball Athletes Following a COVID-19 Infection: A Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2021, 18, 4059.	2.6	24
33	Behind the mask: Rethinking the use of face masks while exercising. Science and Sports, 2021, 36, 430-432.	0.5	4
34	Criterion validity and reliability of the International Physical Activity Questionnaire " Hungarian short form against the RM42 accelerometer. BMC Public Health, 2021, 21, 381.	2.9	23
35	Oxygen saturation improved with nitrate-based nutritional formula in patients with COVID-19. Journal of International Medical Research, 2021, 49, 030006052110123.	1.0	2
36	Hydrogen as a Potential Therapeutic in Obesity: Targeting the Brain. Trends in Endocrinology and Metabolism, 2021, 32, 191-193.	7.1	1

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37	Dietary creatine and cognitive function in U.S. adults aged 60 years and over. <i>Aging Clinical and Experimental Research</i> , 2021, , 1.	2.9	9
38	Modulation of CT1 Function: From Klotho Protein to Ammonia and Beyond. <i>Frontiers in Nutrition</i> , 2021, 8, 660021.	3.7	3
39	Childhood Obesity in Serbia on the Rise. <i>Children</i> , 2021, 8, 409.	1.5	6
40	Health and physical fitness profiling of working population: Sport4Health 2021. <i>BMC Proceedings</i> , 2021, 15, 11.	1.6	1
41	Post-exercise Recovery Methods Focus on Young Soccer Players: A Systematic Review. <i>Frontiers in Physiology</i> , 2021, 12, 505149.	2.8	7
42	Effects of Rapid Weight Loss on Kidney Function in Combat Sport Athletes. <i>Medicina (Lithuania)</i> , 2021, 57, 551.	2.0	19
43	Socioeconomic inequalities in overweight and obesity among 6 to 9 year old children in 24 countries from the World Health Organization European region. <i>Obesity Reviews</i> , 2021, 22, e13213.	6.5	48
44	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
45	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
46	Nutritional Profiles of U.S. Adults With Suboptimal Dietary Creatine Intake. <i>Current Developments in Nutrition</i> , 2021, 5, 1076.	0.3	0
47	Dietary Patterns and Weight Status of Primary School Children in Serbia. <i>Frontiers in Public Health</i> , 2021, 9, 678346.	2.7	3
48	Thinness, overweight, and obesity in 6 to 9 year old children from 36 countries: The World Health Organization European Childhood Obesity Surveillance Initiative "COSI 2015" 2017. <i>Obesity Reviews</i> , 2021, 22, e13214.	6.5	50
49	Socioeconomic differences in food habits among 6 to 9 year old children from 23 countries "WHO European Childhood Obesity Surveillance Initiative (COSI 2015/2017). <i>Obesity Reviews</i> , 2021, 22, e13211.	6.5	31
50	Socioeconomic disparities in physical activity, sedentary behavior and sleep patterns among 6 to 9 year old children from 24 countries in the WHO European region. <i>Obesity Reviews</i> , 2021, 22, e13209.	6.5	30
51	Dietary creatine intake in U.S. population: NHANES 2017"2018. <i>Nutrition</i> , 2021, 87-88, 111207.	2.4	9
52	Urban and rural differences in frequency of fruit, vegetable, and soft drink consumption among 6 to 9 year old children from 19 countries from the WHO European region. <i>Obesity Reviews</i> , 2021, 22 Suppl 6, e13207.	6.5	8
53	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
54	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

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55	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
56	Creatine as a food supplement for the general population. <i>Journal of Functional Foods</i> , 2021, 83, 104568.	3.4	11
57	Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. <i>Lancet, The</i> , 2021, 398, 957-980.	13.7	1,289
58	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
59	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
60	Dietary Intake of Creatine in Children Aged 0–24 Months. <i>Annals of Nutrition and Metabolism</i> , 2021, 77, 185-188.	1.9	4
61	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
62	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
63	Physical Activity, Screen Time, and Sleep Duration of Children Aged 6–9 Years in 25 Countries: An Analysis within the WHO European Childhood Obesity Surveillance Initiative (COSI) 2015–2017. <i>Obesity Facts</i> , 2021, 14, 32-44.	3.4	64
64	Methodology and implementation of the WHO European Childhood Obesity Surveillance Initiative (COSI). <i>Obesity Reviews</i> , 2021, 22, e13215.	6.5	24
65	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
66	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
67	Food creatine and health risks in elderly men and women. <i>Clinical Nutrition ESPEN</i> , 2021, 46, S557.	1.2	0
68	Food Creatine and DXA-Derived Body Composition in Boys and Girls Aged 8 to 19 Years. <i>Nutrition and Metabolic Insights</i> , 2021, 14, 117863882110593.	1.9	1
69	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
70	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
71	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
72	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

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73	Hydrogen Studies at ClinicalTrials.gov: The Dawn of a New Era?. American Journal of the Medical Sciences, 2020, 359, 51-53.	1.1	1
74	Guanidinoacetic acid deficiency: a new entity in clinical medicine?. International Journal of Medical Sciences, 2020, 17, 2544-2550.	2.5	11
75	Short-term GAA loading: Responders versus nonresponders analysis. Food Science and Nutrition, 2020, 8, 4446-4448.	3.4	2
76	Brain creatine alteration and executive function deficits in children born very preterm. Pediatric Research, 2020, 88, 704-704.	2.3	2
77	Brain creatine for predicting clinical course in white matter disorders. Multiple Sclerosis and Related Disorders, 2020, 45, 102441.	2.0	1
78	Guanidinoacetic acid as a novel food for skeletal muscle health. Journal of Functional Foods, 2020, 73, 104129.	3.4	11
79	A Case Study of L-Carnosine for Patient-Reported Outcomes and Brain Metabolism in Multiple Sclerosis. Current Developments in Nutrition, 2020, 4, nzaa057_045.	0.3	0
80	Dietary supplementation with L-carnosine improves patient-reported outcomes, autonomic nervous system performance, and brain metabolism in 3 adult patients with multiple sclerosis. Nutrition Research, 2020, 84, 63-69.	2.9	6
81	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. Hindawi Publishing Corporation, 2020, 2020, 1-5.	1.1	4
82	Hydrotherapy With Hydrogen-rich Water Versus R.I.C.E. Protocol For Acute Ankle Sprain In Professional Athletes. Medicine and Science in Sports and Exercise, 2020, 52, 1008-1008.	0.4	0
83	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1250-1284.	13.7	330
84	COVID-19 and molecular hydrogen inhalation. Therapeutic Advances in Respiratory Disease, 2020, 14, 175346662095105.	2.6	7
85	Exercise-Driven Increase in Gut Microbial Hydrogen Production as a Possible Factor of Metabolic Health. Frontiers in Physiology, 2020, 11, 1065.	2.8	3
86	Postviral fatigue syndrome and creatine: a piece of the puzzle?. Nutritional Neuroscience, 2020, , 1-2.	3.1	3
87	A Snapshot of European Children's Eating Habits: Results from the Fourth Round of the WHO European Childhood Obesity Surveillance Initiative (COSI). Nutrients, 2020, 12, 2481.	4.1	49
88	Advancing health-enhancing physical activity at workplace: Sport4Heath 2020 scientific forum. BMC Proceedings, 2020, 14, 13.	1.6	3
89	Can creatine help in pulmonary rehabilitation after COVID-19?. Therapeutic Advances in Respiratory Disease, 2020, 14, 175346662097114.	2.6	4
90	Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. Lancet, The, 2020, 396, 1511-1524.	13.7	219

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91	Effects of Rapid Weight Loss on Judo Athletes: A Systematic Review. <i>Nutrients</i> , 2020, 12, 1220.	4.1	36
92	Symmetric Dimethylarginine as a Secondary Prevention Biomarker of Chronic Kidney Disease. <i>Nephron</i> , 2020, 144, 310-312.	1.8	3
93	Overcoming restraints of dietary creatine. <i>Trends in Food Science and Technology</i> , 2020, 100, 246-247.	15.1	3
94	Creatine loading for chronic migraine?. <i>Cephalalgia</i> , 2020, 40, 878-879.	3.9	2
95	Eat less meat: Fortifying food with creatine to tackle climate change. <i>Clinical Nutrition</i> , 2020, 39, 2320.	5.0	4
96	Hydrogen vs. Caffeine for Improved Alertness in Sleep-Deprived Humans. <i>Neurophysiology</i> , 2020, 52, 67-72.	0.3	8
97	Upregulation of AGAT as a Possible Target in Molecular Nutrition. <i>Annals of Nutrition and Metabolism</i> , 2020, 76, 207-208.	1.9	0
98	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
99	Human gut microbiota as a source of guanidinoacetic acid. <i>Medical Hypotheses</i> , 2020, 142, 109745.	1.5	7
100	<p>The Effects of 24-Week, High-Concentration Hydrogen-Rich Water on Body Composition, Blood Lipid Profiles and Inflammation Biomarkers in Men and Women with Metabolic Syndrome: A Randomized Controlled Trial</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 889-896.	2.4	55
101	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
102	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
103	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
104	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
105	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
106	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
107	Are there natural spring waters rich in molecular hydrogen?. <i>Trends in Food Science and Technology</i> , 2019, 90, 157.	15.1	4
108	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

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109	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
110	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
111	Basketball for Health: Should We Hop and Shoot for a Remedy?. <i>Mayo Clinic Proceedings</i> , 2019, 94, 364-365.	3.0	1
112	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
113	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
114	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
115	Eat to compete: evidence-based perspectives for health and performance. <i>Research in Sports Medicine</i> , 2019, 27, 131-133.	1.3	0
116	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
117	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
118	Serum GAA as a Possible Biomarker of Exhaustive Exercise?. <i>Frontiers in Physiology</i> , 2019, 10, 1506.	2.8	0
119	Short-term H ₂ inhalation improves running performance and torso strength in healthy adults. <i>Biology of Sport</i> , 2019, 36, 333-339.	3.2	15
120	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
121	Evidence-based post-exercise recovery strategies in rugby: a narrative review. <i>Physician and Sportsmedicine</i> , 2019, 47, 137-147.	2.1	18
122	Recovery in volleyball. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 982-993.	0.7	9
123	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
124	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
125	Age-Related Changes in Serum Guanidinoacetic Acid in Women. <i>Physiological Research</i> , 2019, 68, 1033-1036.	0.9	4
126	Inadequate Production of H ₂ by Gut Microbiota and Parkinson Disease. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 286-288.	7.1	64

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127	Plasma creatine as a marker of mitochondrial dysfunction. <i>Medical Hypotheses</i> , 2018, 113, 52-53.	1.5	7
128	Human skeletal muscle contains no detectable guanidinoacetic acid. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 647-649.	1.9	2
129	Serum creatine is not a reliable marker of muscular fitness in young adults. <i>Biomarkers</i> , 2018, 23, 422-424.	1.9	0
130	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
131	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
132	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
133	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
134	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
135	Brief ideas about evidence-based recovery in team sports. <i>Journal of Exercise Rehabilitation</i> , 2018, 14, 545-550.	1.0	37
136	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
137	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
138	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
139	Medical Gases as an Emerging Topic in Sports Medicine. <i>Sports Medicine</i> , 2018, 48, 2677-2678.	6.5	4
140	Anthropometry and performance of top youth international male basketball players in Spanish national academy. <i>Nutricion Hospitalaria</i> , 2018, 35, 1331.	0.3	12
141	Dietary guanidinoacetic acid increases brain creatine levels in healthy men. <i>Nutrition</i> , 2017, 33, 149-156.	2.4	19
142	Non-gut microbiota as a source of bioactive hydrogen. <i>Postgraduate Medical Journal</i> , 2017, 93, 170-170.	1.8	8
143	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
144	Experimental and computational study of guanidinoacetic acid self-aggregation in aqueous solution. <i>Food Chemistry</i> , 2017, 237, 53-57.	8.2	6

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145	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
146	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
147	Mitochondria-targeted nutraceuticals in sports medicine: a new perspective. <i>Research in Sports Medicine</i> , 2017, 25, 91-100.	1.3	7
148	Tackling guanidinoacetic acid for advanced cellular bioenergetics. <i>Nutrition</i> , 2017, 34, 55-57.	2.4	22
149	Impaired Bioenergetics in Clinical Medicine: A Target to Tackle. <i>Tohoku Journal of Experimental Medicine</i> , 2017, 243, 227-235.	1.2	6
150	Does H ₂ Alter Mitochondrial Bioenergetics via GHS-R1 α Activation?. <i>Theranostics</i> , 2017, 7, 1330-1332.	10.0	22
151	Should hydrogen therapy be included in a musculoskeletal medicine routine?. <i>F1000Research</i> , 2016, 5, 2659.	1.6	2
152	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
153	Supplementation with Guanidinoacetic Acid in Women with Chronic Fatigue Syndrome. <i>Nutrients</i> , 2016, 8, 72.	4.1	27
154	Editorial: Post-Exercise Recovery: Fundamental and Interventional Physiology. <i>Frontiers in Physiology</i> , 2016, 7, 3.	2.8	7
155	Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19.2 million participants. <i>Lancet</i> , 2016, 387, 1377-1396.	13.7	3,941
156	Guanidinoacetic acid increases skeletal muscle creatine stores in healthy men. <i>Nutrition</i> , 2016, 32, 723-724.	2.4	18
157	Is molecular hydrogen beneficial to enhance post-exercise recovery in female athletes?. <i>Science and Sports</i> , 2016, 31, 207-213.	0.5	11
158	WHO European Childhood Obesity Surveillance Initiative in Serbia: a prevalence of overweight and obesity among 6-9-year-old school children. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2016, 29, 1025-30.	0.9	28
159	Exercise-induced mitochondrial dysfunction: a myth or reality?. <i>Clinical Science</i> , 2016, 130, 1407-1416.	4.3	30
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