

CITATION REPORT

List of articles citing

American College of Sports Medicine position stand.
Exercise and fluid replacement

DOI: 10.1249/mss.0b013e31802ca597

Medicine and Science in Sports and Exercise, 2007, 39, 377-90

Source: <https://exaly.com/paper-pdf/41924759/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
1227	Hydration and physical performance. 2007 , 26, 542S-548S		115
1226	Fluid needs for training and competition in athletics. 2007 , 25 Suppl 1, S83-91		14
1225	American College of Sports Medicine Position Stand: Exercise and Fluid Replacement. 2007 , 2007, 254-255		19
1224	Hyponatremia in marathon runners due to inappropriate arginine vasopressin secretion. 2007 , 120, 461.e11-7		94
1223	Nutrition for throwers, jumpers, and combined events athletes. 2007 , 25 Suppl 1, S39-47		9
1222	Nutrition for the young athlete. 2007 , 25 Suppl 1, S73-82		60
1221	Effect of exercise with and without a thermal clamp on the plasma heat shock protein 72 response. 2007 , 103, 1251-6		28
1220	Musculoskeletal performance and hydration status. 2008 , 1, 131-6		7
1219	A comparison of the effects of milk and a carbohydrate-electrolyte drink on the restoration of fluid balance and exercise capacity in a hot, humid environment. 2008 , 104, 633-42		68
1218	Effects of an electrolyte additive on hydration and drinking behavior during wildfire suppression. 2008 , 19, 172-80		28
1217	Saliva indices track hypohydration during 48h of fluid restriction or combined fluid and energy restriction. 2008 , 53, 975-80		35
1216	The effect of exercise on water balance in premenopausal physically active women. 2008 , 108, 1662-7		5
1215	Position of the New Zealand Dietetic Association (Inc): Nutrition for exercise and sport in New Zealand. 2008 , 65, A70-A80		1
1214	Maximising performance in triathlon: applied physiological and nutritional aspects of elite and non-elite competitions. 2008 , 11, 407-16		49
1213	Muscle cramping in athletes--risk factors, clinical assessment, and management. 2008 , 27, 183-94, ix-x		26
1212	Nutritional requirements of the child and teenage athlete. 2008 , 19, 373-98, x		17
1211	Water and salt balance in young male football players in training during the holy month of Ramadan. 2008 , 26 Suppl 3, S47-54		34

1210	Carbohydrate and carbohydrate + protein for cycling time-trial performance. 2008 , 26, 227-33		43
1209	The influence of serial feeding of drinks at different temperatures on thermoregulatory responses during cycling. 2008 , 26, 583-90		42
1208	Quantitative analysis of serum sodium concentration after prolonged running in the heat. 2008 , 105, 91-9		21
1207	Sweat rate, salt loss, and fluid intake during an intense on-ice practice in elite Canadian male junior hockey players. 2008 , 33, 263-71		41
1206	Effect of the glycaemic index of pre-exercise carbohydrate meals on running performance. 2008 , 8, 23-33		34
1205	Dietary intake and body composition of football players during the holy month of Ramadan. 2008 , 26 Suppl 3, S29-38		39
1204	Fluid intake during wheelchair exercise in the heat: effects of localized cooling garments. 2008 , 3, 145-56		29
1203	Pre-exercise hyperhydration delays dehydration and improves endurance capacity during 2 h of cycling in a temperate climate. 2008 , 27, 263-71		25
1202	Hydration recommendations for sport 2008. 2008 , 7, 187-92		29
1201	Elite Kenyan endurance runners are hydrated day-to-day with ad libitum fluid intake. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1171-9	1.2	21
1200	Core temperature and metabolic responses after carbohydrate intake during exercise at 30 degrees C. 2008 , 43, 585-91		13
1199	Fluid Balance and Dysnatremias in Athletes. 2008 , 7, S14-S19		1
1198	Marathon Fueling Techniques: Physiologic Understanding and a Proposed Intake Schedule. 2008 , 30, 56-65		1
1197	Acute effects of sodium ingestion on thirst and cardiovascular function. 2008 , 7, S7-13		31
1196	Strategies to Prevent Hyponatremia During Prolonged Exercise. 2008 , 7, S28-S35		4
1195	Hyponatremia among runners in the Zurich Marathon. 2008 , 18, 344-9		45
1194	Intravenous versus Oral Rehydration. 2008 , 7, S41-S49		15
1193	Sports drinks, exercise training, and competition. 2008 , 7, 202-8		19

1192	Cold drink ingestion improves exercise endurance capacity in the heat. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1637-44	1.2	106
1191	Hyponatremia Can Happen to Anyone. 2008 , 30, 53-55		
1190	CAFFEINE AND EXERCISE PERFORMANCE. 2009 , 13, 17-23		2
1189	Relevância da temperatura e do esvaziamento gástrico de líquidos consumidos por praticantes de atividade física. 2009 , 22, 755-765		2
1188	Implementing intentions to drink a carbohydrate-electrolyte solution during exercise. 2009 , 27, 963-74		9
1187	Evaluation of pre-game hydration status, heat stress, and fluid balance during professional soccer competition in the heat. 2009 , 9, 269-276		33
1186	Central retinal vein occlusion in a sickle cell trait carrier after a cycling race. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 14-8	1.2	22
1185	Position of the American Dietetic Association, Dietitians of Canada, and the American College of Sports Medicine: Nutrition and athletic performance. 2009 , 109, 509-27		376
1184	American Dietetic Association Standards of Practice and Standards of Professional Performance for registered dietitians (generalist, specialty, advanced) in sports dietetics. 2009 , 109, 544-52, 552.e1-30		10
1183	Electrical stimulation cramp threshold frequency correlates well with the occurrence of skeletal muscle cramps. 2009 , 39, 364-8		38
1182	Change in body mass accurately and reliably predicts change in body water after endurance exercise. 2009 , 105, 959-67		73
1181	One night of sleep deprivation decreases treadmill endurance performance. 2009 , 107, 155-61		124
1180	Physiological and performance effects of glycerol hyperhydration and rehydration. 2009 , 67, 690-705		16
1179	Exercise-associated hyponatremia: overzealous fluid consumption. 2009 , 20, 139-43		20
1178	Chronic weight control impacts on physiological function and bone health in elite jockeys. 2009 , 27, 543-50		51
1177	Youth sports in the heat: recovery and scheduling considerations for tournament play. 2009 , 39, 513-22		24
1176	Hydration and Health Promotion. 2009 , 44, 190-201		14
1175	Performance Eating for Baseball. 2009 , 31, 59-63		2

1174	Sodium replacement and plasma sodium drop during exercise in the heat when fluid intake matches fluid loss. 2009 , 44, 117-23		31
1173	Estimation of prepractice hydration status of National Collegiate Athletic Association Division I athletes. 2009 , 44, 624-9		71
1172	Dietary quercetin supplementation is not ergogenic in untrained men. 2009 , 107, 1095-104		66
1171	Pregame urine specific gravity and fluid intake by National Basketball Association players during competition. 2009 , 44, 53-7		82
1170	Electrolyte and plasma changes after ingestion of pickle juice, water, and a common carbohydrate-electrolyte solution. 2009 , 44, 454-61		19
1169	Hydration and Human Health: Critical Issues Update. 2009 , 44, 10-13		1
1168	Expanded prediction equations of human sweat loss and water needs. 2009 , 107, 379-88		53
1167	Bike Transalp 2008: liquid intake and its effect on the body's fluid homeostasis in the course of a multistage, cross-country, MTB marathon race in the central Alps. 2010 , 20, 47-52		24
1166	Effects of ingesting protein in combination with carbohydrate during exercise on endurance performance: a systematic review with meta-analysis. 2010 , 24, 2192-202		27
1165	Effect of Preexercise Electrolyte Ingestion on Fluid Balance in Men and Women. 2010 , 2010, 305-307		
1164	Healthy Hydration for Physical Activity. 2010 , 45, S41-S44		2
1163	Heat acclimation improves exercise performance. 2010 , 109, 1140-7		276
1162	Three percent hypohydration does not affect threshold frequency of electrically induced cramps. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 2056-63	1.2	31
1161	Sensible Use of Sports Foods. 2010 , 36, 1-4		
1160	Glycerol-induced hyperhydration: a method for estimating the optimal load of fluid to be ingested before exercise to maximize endurance performance. 2010 , 24, 74-8		2
1159	Unsubstantiated Speculation on the Lack of Fluid Intake in Increasing Heat-Related Illnesses. 2010 , 24, 2576		
1158	Ad libitum fluid replacement in military personnel during a 4-h route march. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 1675-80	1.2	22
1157	Greater exercise sweating in obese women with polycystic ovary syndrome compared with obese controls. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 1660-8	1.2	15

1156	Evaluation of ultrasound velocity to assess the hydration status of wrestlers. 2010 , 24, 1451-7	11
1155	Skin temperature modifies the impact of hypohydration on aerobic performance. 2010 , 109, 79-86	100
1154	Gastric emptying after pickle-juice ingestion in rested, euhydrated humans. 2010 , 45, 601-8	11
1153	Sweat rates, sweat sodium concentrations, and sodium losses in 3 groups of professional football players. 2010 , 45, 364-71	44
1152	Fluid consumption and sweating in National Football League and collegiate football players with different access to fluids during practice. 2010 , 45, 128-35	16
1151	Influence of hydration on physiological function and performance during trail running in the heat. 2010 , 45, 147-56	110
1150	Accumulation of 2H ₂ O in plasma and eccrine sweat during exercise-heat stress. 2010 , 108, 477-82	9
1149	Effects of athletes' muscle mass on urinary markers of hydration status. 2010 , 109, 213-9	51
1148	Impact of dehydration on a full body resistance exercise protocol. 2010 , 109, 259-67	18
1147	Thermoregulation, pacing and fluid balance during mass participation distance running in a warm and humid environment. 2010 , 109, 887-98	65
1146	Hypohydration reduces vertical ground reaction impulse but not jump height. 2010 , 109, 1163-70	15
1145	Thermoregulatory responses to ice-slush beverage ingestion and exercise in the heat. 2010 , 110, 1163-73	54
1144	ISSN exercise & sport nutrition review: research & recommendations. 2010 , 7,	177
1143	Development of hydration strategies to optimize performance for athletes in high-intensity sports and in sports with repeated intense efforts. 2010 , 20 Suppl 2, 59-69	48
1142	Dehydration and rehydration in competitive sport. 2010 , 20 Suppl 3, 40-7	68
1141	Hydration: special issues for playing football in warm and hot environments. 2010 , 20 Suppl 3, 90-4	20
1140	Current knowledge on playing football in hot environments. 2010 , 20 Suppl 3, 161-7	40
1139	Hydration and sweating responses to hot-weather football competition. 2010 , 20 Suppl 3, 133-9	41

1138	Hydration and health: a review. 2010 , 35, 3-25		69
1137	Efeito do nível de condicionamento físico e da hidratação oral sobre a homeostase hídrica em exercício aeróbico. 2010 , 16, 166-170		9
1136	Reflex inhibition of electrically induced muscle cramps in hypohydrated humans. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 953-61	1.2	29
1135	Energy drinks: a review of use and safety for athletes. 2010 , 38, 171-9		43
1134	Biological variation and diagnostic accuracy of dehydration assessment markers. 2010 , 92, 565-73		243
1133	Mechanisms of aerobic performance impairment with heat stress and dehydration. 2010 , 109, 1989-95		283
1132	Is drinking to thirst optimum?. 2010 , 57 Suppl 2, 9-17		36
1131	Influence of hydration volume and ambient temperature on physiological responses while wearing CBRN protective clothing. 2010 , 53, 1484-99		10
1130	Fuel selection and cycling endurance performance with ingestion of [13C]glucose: evidence for a carbohydrate dose response. 2010 , 108, 1520-9		71
1129	Hydration status of South African forestry workers harvesting trees in autumn and winter. 2011 , 55, 6-15		14
1128	Effects of hydration and dehydration on blood rheology in sickle cell trait carriers during exercise. 2010 , 299, H908-14		37
1127	Heat acclimation improves cutaneous vascular function and sweating in trained cyclists. 2010 , 109, 1736-43		94
1126	Exercise-associated hyponatremia during winter sports. 2010 , 38, 101-6		8
1125	Nutrition, Body Composition and Pharmacology. 2010 , 172-197		1
1124	Glycaemic index, glycaemic load and exercise performance. 2010 , 40, 27-39		35
1123	Effect of drink temperature on core temperature and endurance cycling performance in warm, humid conditions. 2010 , 28, 1147-56		34
1122	Balance Performance and Recovery After Exercise With Water Intake, Sport Drink Intake and No Fluid. 2010 , 8, 105-112		9
1121	Ingesta de líquidos y deshidratación en jugadores profesionales de fútbol sala en función de la posición ocupada en el terreno de juego. 2010 , 45, 69-74		

1120	Exercise-associated muscle cramps: causes, treatment, and prevention. 2010 , 2, 279-83	28
1119	Effects of rooibos tea, bottled water, and a carbohydrate beverage on blood and urinary measures of hydration after acute dehydration. 2010 , 18, 85-96	19
1118	Intravenous versus oral rehydration in athletes. 2010 , 40, 327-46	8
1117	Guidelines for glycerol use in hyperhydration and rehydration associated with exercise. 2010 , 40, 113-29	59
1116	Hydration status of rugby league players during home match play throughout the 2008 Super League season. 2010 , 35, 790-6	12
1115	On-ice sweat rate, voluntary fluid intake, and sodium balance during practice in male junior ice hockey players drinking water or a carbohydrate-electrolyte solution. 2010 , 35, 328-35	22
1114	Fluid and electrolyte needs for training, competition, and recovery. 2011 , 29 Suppl 1, S39-46	91
1113	Estimated fluid and sodium balance and drink preferences in elite male junior players during an ice hockey game. 2011 , 36, 145-52	23
1112	Cross-disciplinary thermoregulation and sweat analysis laboratory experiences for undergraduate Chemistry and Exercise Science students. 2011 , 35, 206-12	1
1111	Exercise-induced dehydration with and without environmental heat stress results in increased oxidative stress. 2011 , 36, 698-706	47
1110	Expediting the institutional review board process for exercise protocols. 2011 , 82, 129-34	
1109	Race diet of finishers and non-finishers in a 100 mile (161 km) mountain footrace. 2011 , 30, 529-35	57
1108	Nutritional, lifestyle, and weight control practices of professional jockeys. 2011 , 29, 791-9	63
1107	Integrated physiological mechanisms of exercise performance, adaptation, and maladaptation to heat stress. 2011 , 1, 1883-928	280
1106	Les boissons de lâeffort : bases physiologiques de leurs utilisations et composition. 2011 , 46, H46-H53	2
1105	Eating for performance: bringing science to the training table. 2011 , 30, 661-70	5
1104	Quelle place pour les boissons aux diffents âges de la vie ?. 2011 , 46, H54-H60	1
1103	Carbohydrate ingestion during team games exercise: current knowledge and areas for future investigation. 2011 , 41, 559-85	32

1102	Mild dehydration impairs cognitive performance and mood of men. 2011 , 106, 1535-43	170
1101	Nutrition for endurance sports: marathon, triathlon, and road cycling. 2011 , 29 Suppl 1, S91-9	181
1100	Fluid replacement requirements for child athletes. 2011 , 41, 279-88	19
1099	Energy intake and appetite-related hormones following acute aerobic and resistance exercise. 2011 , 36, 958-66	57
1098	Carbohydrates for training and competition. 2011 , 29 Suppl 1, S17-27	439
1097	Fluid balance of elite Brazilian youth soccer players during consecutive days of training. 2011 , 29, 725-32	22
1096	Non-nutrients in sports nutrition: Fluids, electrolytes, and ergogenic aids. 2011 , 6, e217-e222	2
1095	Déséquilibres biochimiques, déshydratation, récupération et rugby professionnel âdonnés du suivi longitudinal de la Ligue nationale de rugby et de lâexploration par bioimpédance multifrêquence. 2011 , 26, 19-24	2
1094	Effects of three different water temperatures on dehydration in competitive swimmers. 2011 , 26, 265-271	16
1093	Lactate threshold predicting time-trial performance: impact of heat and acclimation. 2011 , 111, 221-7	25
1092	The effects of creatine and glycerol hyperhydration on running economy in well trained endurance runners. 2011 , 8, 24	21
1091	Control of cerebral blood velocity with furosemide-induced hypovolemia and upright tilt. 2011 , 110, 492-8	22
1090	Time motion analysis of football (soccer) referees during official matches in relation to the type of fluid consumed. 2011 , 44, 801-9	10
1089	Efeito de suplemento hidroeletrólítico na hidrataã de jogadores juniores de futebol. 2011 , 17, 339-343	1
1088	Changes in total body water content during running races of 21.1 km and 56 km in athletes drinking ad libitum. 2011 , 21, 218-25	41
1087	Effects of heat exposure and 3% dehydration achieved via hot water immersion on repeated cycle sprint performance. 2011 , 25, 778-86	14
1086	Relationship between changes in total-body water and fluid distribution with maximal forearm strength in elite judo athletes. 2011 , 25, 2488-95	34
1085	Seventy-five percent of National Football League teams use pregame hyperhydration with intravenous fluid. 2011 , 21, 192-9	14

1084	The effects of repeated ingestion of high and low glucose-electrolyte solutions on gastric emptying and blood 2H ₂ O concentration after an overnight fast. 2011 , 106, 1732-9	9
1083	Scientific Opinion on the substantiation of health claims related to carbohydrate-electrolyte solutions and reduction in rated perceived exertion/effort during exercise (ID 460, 466, 467, 468), enhancement of water absorption during exercise (ID 314, 315, . 2011 , 9, 2211	4
1082	Half-marathon and full-marathon runners' hydration practices and perceptions. 2011 , 46, 581-91	29
1081	Self-paced exercise performance in the heat after pre-exercise cold-fluid ingestion. 2011 , 46, 592-9	28
1080	Potential role for protein in assisting post-exercise rehydration. 2011 , 36, 224-234	2
1079	Fluid balance, thermoregulation and sprint and passing skill performance in female soccer players. 2011 , 21, 437-45	31
1078	Thermoregulation and endurance running in extinct hominins: Wheeler's models revisited. 2011 , 61, 169-75	36
1077	Urinary excretion of exogenous glycerol administration at rest. 2011 , 3, 877-82	13
1076	Syncope is unrelated to supine and postural hypotension following prolonged exercise. 2011 , 111, 469-76	17
1075	Effect of ambient temperature on caffeine ergogenicity during endurance exercise. 2011 , 111, 1135-46	29
1074	Potential impact of a 500-mL water bolus and body mass on plasma osmolality dilution. 2011 , 111, 1999-2004	29
1073	Plasma trace elements levels are not altered by submaximal exercise intensities in well-trained endurance euhydrated athletes. 2011 , 25 Suppl 1, S54-8	13
1072	Food and macronutrient intake of elite Ethiopian distance runners. 2011 , 8, 7	24
1071	Negligible heat strain in armored vehicle officers wearing personal body armor. 2011 , 6, 22	8
1070	Eat Your Water for Health, Sport Performance, and Weight Control. 2011 , 5, 316-319	2
1069	The Physiological Effects of Creatine Supplementation on Hydration: A Review. 2011 , 5, 320-327	9
1068	Nutrition and Hydration Issues for Combat Sport Athletes. 2011 , 33, 10-17	19
1067	Low abundance of sweat duct Cl ⁻ channel CFTR in both healthy and cystic fibrosis athletes with exceptionally salty sweat during exercise. 2011 , 300, R605-15	35

1066	Lack of awareness of fluid needs among participants at a midwest marathon. 2011 , 3, 451-4		7
1065	Reference change values for monitoring dehydration. 2011 , 49, 1033-7		31
1064	Carbohydrate ingestion during endurance exercise improves performance in adults. 2011 , 141, 890-7		35
1063	Plasma sodium levels and dietary sodium intake in manual workers in the Middle East. 2011 , 55, 397-402		8
1062	Hydration and Health. 2011 , 5, 304-315		13
1061	Effect of five different recovery methods on repeated cycle performance. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 890-7	1.2	18
1060	High-sweat Na ⁺ in cystic fibrosis and healthy individuals does not diminish thirst during exercise in the heat. 2011 , 301, R1177-85		27
1059	Performance benefits of rehydration with intravenous fluid and oral glycerol. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 1780-90	1.2	7
1058	Pediatric Lifestyle Medicine. 2012 , 6, 440-447		1
1057	Exercise and Hydration. 2012 , 34, 49-54		4
1056	Hydration strategies of runners in the London Marathon. 2012 , 22, 152-6		23
1055	Physiologic alterations and predictors of performance in a 160-km ultramarathon. 2012 , 22, 146-51		12
1054	Intestinal temperature, heart rate, and hydration status in multiday trail runners. 2012 , 22, 311-8		11
1053	FUELING FOR FITNESS. 2012 , 16, 7-12		1
1052	Intravenous fluid use in athletes. 2012 , 4, 333-9		3
1051	Mild dehydration affects mood in healthy young women. 2012 , 142, 382-8		123
1050	Plasma potassium concentration and content changes after banana ingestion in exercised men. 2012 , 47, 648-54		9
1049	Hydration for recreational sport and physical activity. 2012 , 70 Suppl 2, S137-42		107

1048	Recommendations for healthier hydration: addressing the public health issues of obesity and type 2 diabetes. 2012 , 2, 115-24	9
1047	Investigating the associations between hydration and exercise performance: methodology and limitations. 2012 , 70 Suppl 2, S128-31	11
1046	Sweat rate prediction equations for outdoor exercise with transient solar radiation. 2012 , 112, 1300-10	27
1045	Calorie Requirements for Young Competitive Female Athletes. 2012 , 16, 4-8	2
1044	Exertional heat stroke. 2012 , 73, 72-8	13
1043	High energy deficit in an ultraendurance athlete in a 24-hour ultracycling race. 2012 , 25, 124-8	12
1042	The validity of multifrequency bioelectrical impedance measures to detect changes in the hydration status of wrestlers during acute dehydration and rehydration. 2012 , 26, 9-15	16
1041	Effect of acute mild dehydration on cognitive-motor performance in golf. 2012 , 26, 3075-80	26
1040	National athletic trainers' association position statement: preventing sudden death in sports. 2012 , 47, 96-118	159
1039	Application of Sweeteners in Food and Drinks (Bakery, Confectionery, Dairy Products, Puddings, Fruit Products, Vegetables, Beverages, Sports Drinks, Hard Candies, Loukoumia, Marmalades, Jams, Jellies, Baked Goods, Sorbet). 2012 , 209-254	2
1038	Effects of oral rehydration and external cooling on physiology, perception, and performance in hot, dry climates. 2012 , 22, e115-24	8
1037	Observations on saliva osmolality during progressive dehydration and partial rehydration. 2012 , 112, 3227-37	22
1036	Validity and reliability of the Horiba C-122 compact sodium analyzer in sweat samples of athletes. 2012 , 112, 3479-85	9
1035	Hydration profile and influence of beverage contents on fluid intake by women during outdoor recreational walking. 2012 , 112, 3971-82	4
1034	Hydration assessment using the cardiovascular response to standing. 2012 , 112, 4081-9	14
1033	Water turnover and core temperature on Mount Rainier. 2012 , 23, 255-9	
1032	Environmental hazards, hot, cold, altitude, and sun. 2012 , 26, 707-23	7
1031	A faster running speed is associated with a greater body weight loss in 100-km ultra-marathoners. 2012 , 30, 1131-40	27

1030	Hydration and performance during Ramadan. 2012 , 30 Suppl 1, S33-41	22
1029	Physiology and pathophysiology of splanchnic hypoperfusion and intestinal injury during exercise: strategies for evaluation and prevention. 2012 , 303, G155-68	142
1028	Fluid Balance and Dehydration in the Young Athlete: Assessment Considerations and Effects on Health and Performance. 2012 , 6, 489-501	16
1027	Identifying mediators of training effects on performance-related psychobiosocial states: A single-case observational study in an elite female triathlete. 2012 , 13, 541-549	6
1026	Assessment of thermal dehydration using the human eye: What is the potential?. 2012 , 37, 111-117	13
1025	Thermoregulatory and cardiovascular responses to creatine, glycerol and alpha lipoic acid in trained cyclists. 2012 , 9, 29	8
1024	Supplementation of Acqua Lete (Bicarbonate Calcic Mineral Water) improves hydration status in athletes after short term anaerobic exercise. 2012 , 9, 35	6
1023	Does proteinuria-inducing physical activity increase biomarkers of acute kidney injury?. 2012 , 36, 278-89	13
1022	Pre-game hydration status, sweat loss, and fluid intake in elite Brazilian young male soccer players during competition. 2012 , 30, 37-42	32
1021	Hydration status and fluid and sodium balance in elite Canadian junior women's soccer players in a cool environment. 2012 , 37, 931-7	20
1020	Principles of exercise physiology: responses to acute exercise and long-term adaptations to training. 2012 , 4, 797-804	95
1019	Hydration status of heat-acclimatized youth team players during competition. 2012 , 27, e51-e54	3
1018	Sodium, Chloride, and Potassium. 2012 , 475-492	6
1017	Human Water and Electrolyte Balance. 2012 , 493-505	3
1016	Sports Nutrition. 2012 , 669-687	
1015	Fueling the Athlete with Type 1 Diabetes. 2012 , 151-165	
1014	Effects of high-intensity training and resumed training on macroelement and microelement of elite basketball athletes. 2012 , 149, 148-54	9
1013	Ramadan fasting and the goals of sports nutrition around exercise. 2012 , 30 Suppl 1, S21-31	22

1012	Hypoxia-mediated prior induction of monocyte-expressed HSP72 and HSP32 provides protection to the disturbances to redox balance associated with human sub-maximal aerobic exercise. 2012 , 43, 1933-44	18
1011	Dehydration and endurance performance in competitive athletes. 2012 , 70 Suppl 2, S132-6	37
1010	Body composition and hydration status changes in male and female open-water swimmers during an ultra-endurance event. 2012 , 30, 1003-13	30
1009	Hydration, sweat and thermoregulatory responses to professional football training in the heat. 2012 , 30, 957-65	38
1008	Muscle damage and its relationship with muscle fatigue during a half-iron triathlon. 2012 , 7, e43280	40
1007	Effects of rehydration fluid temperature and composition on body weight retention upon voluntary drinking following exercise-induced dehydration. 2012 , 6, 126-31	6
1006	Effects of dehydration on cerebrovascular control during standing after heavy resistance exercise. 2012 , 112, 1875-83	14
1005	Is the Prevalence of Exercise-Associated Hyponatremia Higher in Female than in Male 100-KM Ultra-Marathoners?. 2012 , 13,	1
1004	Pre-exercise hyperhydration-induced bodyweight gain does not alter prolonged treadmill running time-trial performance in warm ambient conditions. 2012 , 4, 949-66	20
1003	Comparison of coconut water and a carbohydrate-electrolyte sport drink on measures of hydration and physical performance in exercise-trained men. 2012 , 9, 1	72
1002	Nutritional behavior of cyclists during a 24-hour team relay race: a field study report. 2012 , 9, 3	19
1001	The role of aerobic fitness and exercise intensity on endurance performance in uncompensable heat stress conditions. 2012 , 112, 1989-99	33
1000	Previous-day hypohydration impairs skill performance in elite female field hockey players. 2012 , 22, 430-8	12
999	Educational intervention on water intake improves hydration status and enhances exercise performance in athletic youth. 2012 , 22, 684-9	38
998	The relationship between shear rate and flow-mediated dilation is altered by acute exercise. 2012 , 205, 394-402	23
997	Body heat storage during physical activity is lower with hot fluid ingestion under conditions that permit full evaporation. 2012 , 206, 98-108	30
996	Alcohol pharmacokinetics and risk-taking behaviour following exercise-induced dehydration. 2012 , 101, 609-16	5
995	No case of exercise-associated hyponatraemia in top male ultra-endurance cyclists: the 'Swiss Cycling Marathon'. 2012 , 112, 689-97	27

994	Higher prevalence of exercise-associated hyponatremia in female than in male open-water ultra-endurance swimmers: the 'Marathon-Swim' in Lake Zurich. 2012 , 112, 1095-106	39
993	Sex difference in fluid balance responses during prolonged exercise. 2013 , 23, 198-206	23
992	Sodium supplementation has no effect on endurance performance during a cycling time-trial in cool conditions: a randomised cross-over trial. 2013 , 10, 30	12
991	The influence of commercially-available carbohydrate and carbohydrate-protein supplements on endurance running performance in recreational athletes during a field trial. 2013 , 10, 17	6
990	Changes in hydration status of elite Olympic class sailors in different climates and the effects of different fluid replacement beverages. 2013 , 10, 11	3
989	The use of carbohydrates during exercise as an ergogenic aid. 2013 , 43, 1139-55	141
988	Hydration status of underground miners in a temperate Australian region. 2013 , 13, 426	10
987	Physiological Employment Standards III: physiological challenges and consequences encountered during international military deployments. 2013 , 113, 2655-72	60
986	Authors' response: Comparison between blood and urinary fluid balance indices during dehydrating exercise and the subsequent hypohydration when fluid is not restored. 2013 , 113, 2169-70	2
985	Hypohydration and acute thermal stress affect mood state but not cognition or dynamic postural balance. 2013 , 113, 1027-34	47
984	Sex differences in central and peripheral mechanisms of fatigue in cyclists. 2013 , 113, 1091-8	16
983	The quantification of body fluid allostasis during exercise. 2013 , 43, 1289-99	11
982	Effect of a carbohydrate drink on soccer skill performance following a sport-specific training program. 2013 , 11, 95-101	3
981	Effects of heat and different humidity levels on aerobic and anaerobic exercise performance in athletes. 2013 , 11, 35-41	14
980	Exercise Physiology. 2013 , 20-35	
979	Carbohydrate Ingestion During Exercise. 2013 , 126-135	
978	Water and Electrolyte Loss and Replacement in Training and Competition. 2013 , 174-184	
977	Performance Effects of Dehydration. 2013 , 185-198	

976	Team Sports. 2013 , 629-638	
975	Distance Running. 2013 , 572-583	
974	The Young Athlete. 2013 , 359-368	
973	Cycling. 2013 , 584-595	
972	Effects of different protocols of hydration on cardiorespiratory parameters during exercise and recovery. 2013 , 6, 33	3
971	Does carbohydrate supplementation enhance tennis match play performance?. 2013 , 10, 46	7
970	A comparison of hyperhydration versus ad libitum fluid intake strategies on measures of oxidative stress, thermoregulation, and performance. 2013 , 21, 305-17	17
969	Water, Hydration and Sports Drink. 2013 , 377-384	1
968	Nutrition in Combat Sports. 2013 , 115-127	1
967	The effects of hypohydration and fatigue on neuromuscular activation performance. 2013 , 38, 21-6	16
966	How Virtual Teammate Support Types Affect Stress. 2013 ,	2
965	Nutritional Recommendations for Athletes. 2013 , 279-293	1
964	Sweat loss during heat stress contributes to subsequent reductions in lower-body negative pressure tolerance. 2013 , 98, 473-80	24
963	Responses of obese and lean girls exercising under heat and thermoneutral conditions. 2013 , 162, 1054-60	29
962	Nutritional supplements and ergogenic AIDS. 2013 , 40, 487-505	16
961	[Acute kidney injury following naproxene use in an ultraendurance female athlete]. 2013 , 42, 1274-6	3
960	Precooling methods and their effects on athletic performance : a systematic review and practical applications. 2013 , 43, 207-25	89
959	Gastric emptying, intestinal absorption of electrolytes and exercise performance in electrolyte-supplemented horses. 2013 , 98, 193-206	11

958	Water and sodium intake habits and status of ultra-endurance runners during a multi-stage ultra-marathon conducted in a hot ambient environment: an observational field based study. 2013 , 12, 13	39
957	Influence of body mass loss and myoglobinuria on the development of muscle fatigue after a marathon in a warm environment. 2013 , 38, 286-91	21
956	What do athletes drink during competitive sporting activities?. 2013 , 43, 539-64	54
955	Impact of a carbohydrate-electrolyte drink on ingestive behaviour, affect and self-selected intensity during recreational exercise after 24-h fluid restriction. 2013 , 60, 5-12	2
954	Hydration status of Greco-Roman wrestlers in an authentic precompetition situation. 2013 , 38, 621-5	9
953	Effects of rehydration and food consumption on salivary flow, pH and buffering capacity in young adult volunteers during ergometer exercise. 2013 , 10, 49	7
952	Cardiorespiratory effects of water ingestion during and after exercise. 2013 , 6, 35	2
951	Comparison between blood and urinary fluid balance indices during dehydrating exercise and the subsequent hypohydration when fluid is not restored. 2013 , 113, 611-20	24
950	Half-marathon running performance is not improved by a rate of fluid intake above that dictated by thirst sensation in trained distance runners. 2013 , 113, 3011-20	60
949	Influence of fluid intake on soccer performance in a temperate environment. 2013 , 31, 1-10	36
948	Salivary antimicrobial protein responses during multistage ultramarathon competition conducted in hot environmental conditions. 2013 , 38, 977-87	11
947	Validity of a portable urine refractometer: the effects of sample freezing. 2013 , 31, 745-9	14
946	Dietary intakes and eating habits of college athletes: are female college athletes following the current sports nutrition standards?. 2013 , 61, 10-6	47
945	Prevention of exercise-related injuries and adverse events in patients with type 2 diabetes. 2013 , 89, 715-21	23
944	Position statement--altitude training for improving team-sport players' performance: current knowledge and unresolved issues. 2013 , 47 Suppl 1, i8-16	36
943	Mild dehydration and cycling performance during 5-kilometer hill climbing. 2013 , 48, 741-7	47
942	Ad libitum fluid intake and plasma responses after pickle juice, hypertonic saline, or deionized water ingestion. 2013 , 48, 734-40	8
941	Thermoregulation and stress hormone recovery after exercise dehydration: comparison of rehydration methods. 2013 , 48, 725-33	5

940	Effects of exercise sessions on DXA measurements of body composition in active people. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 178-85	1.2	53
939	Mild hypohydration decreases cycling performance in the heat. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 1782-9	1.2	37
938	Injury and illnesses prevention for ultramarathoners. 2013 , 12, 183-9		26
937	Fueling the rugby player: maximizing performance on and off the pitch. 2013 , 12, 228-33		2
936	Water-deficit equation: systematic analysis and improvement. 2013 , 97, 79-85		41
935	Physiologic basis for understanding quantitative dehydration assessment. 2013 , 97, 455-62		112
934	The Hydration Equation: Update on Water Balance and Cognitive Performance. 2013 , 17, 21-28		37
933	Physiological evaluation of air-fed ensembles. 2014 , 58, 241-50		
932	Use of the HR index to predict maximal oxygen uptake during different exercise protocols. 2013 , 1, e00124		9
931	Fueling the Athlete with Diabetes. 2013 , 1, 16-21		
930	Physiological responses of Police Officers during job simulations wearing chemical, biological, radiological and nuclear personal protective equipment. 2013 , 56, 137-47		34
929	Encapsulated environment. 2013 , 3, 1363-91		77
928	Carbohydrates Requirements for the Female Athlete. 2013 , 25-50		1
927	Curvilinear dose-response relationship of carbohydrate (0-120 g \cdot h ⁻¹) and performance. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 336-41	1.2	51
926	Influence of progressive fluid restriction on mood and physiological markers of dehydration in women. 2013 , 109, 313-21		50
925	The acute effects of fluid intake on urine specific gravity and fluid retention in a mildly dehydrated state. 2013 , 27, 1002-8		10
924	Sport nutrition for young athletes. 2013 , 18, 200-5		32
923	Sweat rate and prediction validation during high-altitude treks on Mount Kilimanjaro. 2013 , 114, 436-43		6

922	Thermoregulatory responses of children exercising in a hot environment. 2013 , 31, 104-10	20
921	Disturbances in pro-oxidant-antioxidant balance after passive body overheating and after exercise in elevated ambient temperatures in athletes and untrained men. 2014 , 9, e85320	17
920	24-h fluid kinetics and perception of sweat losses following a 1-h run in a temperate environment. 2013 , 6, 37-49	7
919	Perda hidrica e pratica de hidratacao em atletas de futebol. 2014 , 20, 47-50	3
918	Electrolytes: Sodium (Na) and Potassium (K). 2014 ,	
917	Health, nutrition and hydration status of Indonesian workers: a preliminary study in two different environmental settings. 2014 , 23, 112-6	2
916	Artificial Neural Networks in the Determination of the Fluid Intake Needs of Endurance Athletes. 2014 , 8, 9-14	1
915	Thermal, physiological and perceptual strain mediate alterations in match-play tennis under heat stress. 2014 , 48 Suppl 1, i32-i38	46
914	Evidence that transient changes in sudomotor output with cold and warm fluid ingestion are independently modulated by abdominal, but not oral thermoreceptors. 2014 , 116, 1088-95	44
913	The effect of different environmental conditions on the decision-making performance of soccer goal line officials. 2014 , 22, 425-37	17
912	Hypervolemia induced by fluid ingestion at rest: effect of sodium concentration. 2014 , 114, 2139-45	4
911	Coping with heat stress during match-play tennis: does an individualised hydration regimen enhance performance and recovery?. 2014 , 48 Suppl 1, i64-70	14
910	Hydration strategies, weight change and performance in a 161 km ultramarathon. 2014 , 22, 213-25	57
909	Are we being drowned in hydration advice? Thirsty for more?. 2014 , 3, 18	45
908	Recovery interventions and strategies for improved tennis performance. 2014 , 48 Suppl 1, i18-21	19
907	Human cardiovascular responses to passive heat stress. 2015 , 5, 17-43	88
906	Running economy, not aerobic fitness, independently alters thermoregulatory responses during treadmill running. 2014 , 117, 1451-9	29
905	Exposure to hot and cold environmental conditions does not affect the decision making ability of soccer referees following an intermittent sprint protocol. 2014 , 5, 185	12

904	Heat stress does not exacerbate tennis-induced alterations in physical performance. 2014 , 48 Suppl 1, i39-i44	17
903	Hydration and thermal strain during tennis in the heat. 2014 , 48 Suppl 1, i12-7	13
902	Pushing the limits of blood pressure control under severe heat stress. Focus on "Active and passive heat stress similarly compromise tolerance to a simulated hemorrhagic challenge". 2014 , 307, R817-8	
901	Pre-exercise ingestion of pickle juice, hypertonic saline, or water and aerobic performance and thermoregulation. 2014 , 49, 204-9	0
900	Drinking to thirst versus drinking ad libitum during road cycling. 2014 , 49, 624-31	34
899	Ingestion of sodium plus water improves cardiovascular function and performance during dehydrating cycling in the heat. 2014 , 24, 507-18	20
898	Validity and reliability of a field technique for sweat Na ⁺ and K ⁺ analysis during exercise in a hot-humid environment. 2014 , 2, e12007	29
897	Whole-body fluid distribution in humans during dehydration and recovery, before and after humid-heat acclimation induced using controlled hyperthermia. 2014 , 210, 899-912	30
896	Carbohydrate ingestion before and during soccer match play and blood glucose and lactate concentrations. 2014 , 49, 447-53	16
895	Impact of skin temperature and hydration on plasma volume responses during exercise. 2014 , 117, 413-20	17
894	Effects of hydration and water deprivation on blood viscosity during a soccer game in sickle cell trait carriers. 2014 , 48, 326-31	16
893	Perturbed energy balance and hydration status in ultra-endurance runners during a 24 h ultra-marathon. 2014 , 112, 428-37	48
892	Thermoregulation and fluid balance during a 30-km march in 60- versus 80-year-old subjects. 2014 , 36, 9725	3
891	Responses of elite road motorcyclists to racing in tropical conditions: a case study. 2014 , 9, 887-90	4
890	Sugar, Sports Drinks, and Performance. 2014 , 293-305	1
889	Kinematic Mechanics in Exposure to Heat and Blood Pressure among Male Steelworkers. 2014 , 540, 305-308	
888	Hydration profile and sweat loss perception of male and female division II basketball players during practice. 2014 , 28, 3425-31	22
887	Menstrual cycle phase and carbohydrate ingestion alter immune response following endurance exercise and high intensity time trial performance test under hot conditions. 2014 , 11, 39	18

886 FUEL PROPERLY. **2014**, 18, 23-29

885 Fluid balance of cyclists during a 387-km race. **2014**, 14 Suppl 1, S421-8

1

884 Repeated familiarisation with hypohydration attenuates the performance decrement caused by hypohydration during treadmill running. **2014**, 39, 124-9

19

883 Effects of carbohydrate-hydration strategies on glucose metabolism, sprint performance and hydration during a soccer match simulation in recreational players. **2014**, 17, 239-43

31

882 Assessment of extracellular dehydration using saliva osmolality. **2014**, 114, 85-92

9

881 The prevalence of exercise-associated hyponatremia in 24-hour ultra-mountain bikers, 24-hour ultra-runners and multi-stage ultra-mountain bikers in the Czech Republic. **2014**, 11, 3

12

880 Compression stockings do not improve muscular performance during a half-ironman triathlon race. **2014**, 114, 587-95

27

879 Systematic review: Carbohydrate supplementation on exercise performance or capacity of varying durations. **2014**, 39, 998-1011

127

878 Academy of nutrition and dietetics: revised 2014 standards of practice and standards of professional performance for registered dietitian nutritionists (competent, proficient, and expert) in sports nutrition and dietetics. **2014**, 114, 631-41.e43

17

877 Dehydration: physiology, assessment, and performance effects. **2014**, 4, 257-85

214

876 Rapid weight-loss impairs simulated riding performance and strength in jockeys: implications for making-weight. **2014**, 32, 383-91

38

875 Relationship between physiological parameters and performance during a half-ironman triathlon in the heat. **2014**, 32, 1680-7

27

874 Authorised EU health claims for carbohydrate-electrolyte solutions. **2014**, 349-372

1

873 Evaluation and treatment of injury and illness in the ultramarathon athlete. **2014**, 25, 845-63

15

872 Heat-related illness in sports and exercise. **2014**, 7, 355-65

41

871 Repeatability of physiological responses during two repeated protective clothing performance tests under identical test conditions. **2014**, 44, 793-799

2

870 Comparing the rehydration potential of different milk-based drinks to a carbohydrate-electrolyte beverage. **2014**, 39, 1366-72

26

869 Maintaining hydration with a carbohydrate-electrolyte solution improves performance, thermoregulation, and fatigue during an ice hockey scrimmage. **2014**, 39, 1214-21

14

868	Acute acetaminophen (paracetamol) ingestion improves time to exhaustion during exercise in the heat. 2014 , 99, 164-71	31
867	The human thermoregulatory system and its response to thermal stress. 2014 , 319-365	13
866	Mild to moderate hypohydration reduces boys' high-intensity cycling performance in the heat. 2014 , 114, 707-13	5
865	Humanized animal exercise model for clinical implication. 2014 , 466, 1673-87	48
864	Moving in extreme environments: what's extreme and who decides?. 2014 , 3, 11	3
863	Beyond muscle hypertrophy: why dietary protein is important for endurance athletes. 2014 , 39, 987-97	71
862	Extracellular Hsp72 concentration relates to a minimum endogenous criteria during acute exercise-heat exposure. 2014 , 19, 389-400	43
861	A step towards personalized sports nutrition: carbohydrate intake during exercise. 2014 , 44 Suppl 1, S25-33	185
860	The interrelationship of research in the laboratory and the field to assess hydration status and determine mechanisms involved in water regulation during physical activity. 2014 , 44 Suppl 1, S97-104	12
859	The efficacy of acute nutritional interventions on soccer skill performance. 2014 , 44, 957-70	39
858	Medical services at ultra-endurance foot races in remote environments: medical issues and consensus guidelines. 2014 , 44, 1055-69	79
857	An amino acid-electrolyte beverage may increase cellular rehydration relative to carbohydrate-electrolyte and flavored water beverages. 2014 , 13, 47	7
856	Changes in foot volume, body composition, and hydration status in male and female 24-hour ultra-mountain bikers. 2014 , 11, 12	7
855	Do glucose containing beverages play a role in thermoregulation, thermal sensation, and mood state?. 2014 , 11, 24	4
854	Postexercise rehydration with beer impairs fluid retention, reaction time, and balance. 2014 , 39, 1175-81	11
853	Prevalence of dehydration and fluid intake practices in elite rally Dakar drivers. 2014 , 29, 327-330	2
852	Postexercise rehydration: potassium-rich drinks versus water and a sports drink. 2014 , 39, 1167-74	14
851	Hydration in female drivers in a 1044 km dog sled race in Finnmark. 2014 , 25, 82-8	1

850	Optimal composition of fluid-replacement beverages. 2014 , 4, 575-620	43
849	Glycerol administration before endurance exercise: metabolism, urinary glycerol excretion and effects on doping-relevant blood parameters. 2014 , 6, 202-9	9
848	Influence of successive badminton matches on muscle strength, power, and body-fluid balance in elite players. 2014 , 9, 689-94	18
847	Fluid balance, carbohydrate ingestion, and body temperature during men's stage-race cycling in temperate environmental conditions. 2014 , 9, 575-82	9
846	Optimal hydration biomarkers: consideration of daily activities. 2014 , 7 Suppl 2, 13-8	3
845	The reliability and validity of a soccer-specific nonmotorised treadmill simulation (intermittent soccer performance test). 2014 , 28, 1971-80	21
844	Fluid and electrolyte balance during two different preseason training sessions in elite rugby union players. 2014 , 28, 520-7	11
843	Effects of acute dehydration on neuromuscular responses of exercised and nonexercised muscles after exercise in the heat. 2014 , 28, 3531-6	6
842	Medical Clearance for Desert and Land Sports, Adventure, and Endurance Events. 2015 , 26, S47-54	2
841	The effect of dehydration on muscle metabolism and time trial performance during prolonged cycling in males. 2015 , 3, e12483	36
840	Expedition and wilderness medicine. 2015 , 257-278	
839	Outdoor Temperature, Precipitation, and Wind Speed Affect Physical Activity Levels in Children: A Longitudinal Cohort Study. 2015 , 12, 1074-81	30
838	Necessity of Removing American Football Uniforms From Humans With Hyperthermia Before Cold-Water Immersion. 2015 , 50, 1240-6	11
837	Using an Ingestible Telemetric Temperature Pill to Assess Gastrointestinal Temperature During Exercise. 2015 ,	5
836	Lifestyle issues and type 1 diabetes – physical activity, alcohol and recreational drugs. 2015 , 80-91	
835	Local infusion of ascorbate augments NO-dependent cutaneous vasodilatation during intense exercise in the heat. 2015 , 593, 4055-65	20
834	Rethinking the Cause of Exercise-Associated Muscle Cramping: Moving beyond Dehydration and Electrolyte Losses. 2015 , 14, 353-4	8
833	Fluid Balance During Training in Elite Young Athletes of Different Sports. 2015 , 29, 3447-52	35

832	Effects of Patrol Operation on Hydration Status and Autonomic Modulation of Heart Rate of Brazilian Peacekeepers in Haiti. 2015 , 29 Suppl 11, S82-7	4
831	Body Weight, Serum Sodium Levels, and Renal Function in an Ultra-Distance Mountain Run. 2015 , 25, 341-6	16
830	Estado de hidrataçã de atletas em corrida de rua de 15 km sob elevado estresse térmico. 2015 , 21, 187-191	
829	Role of nutrition in performance enhancement and postexercise recovery. 2015 , 6, 259-67	52
828	Carbohydrate electrolyte solutions enhance endurance capacity in active females. 2015 , 7, 3739-50	12
827	The effects of a calcium-rich pre-exercise meal on biomarkers of calcium homeostasis in competitive female cyclists: a randomised crossover trial. 2015 , 10, e0123302	38
826	Simulated Firefighting Task Performance and Physiology Under Very Hot Conditions. 2015 , 6, 322	11
825	Physiological and selective attention demands during an international rally motor sport event. 2015 , 2015, 638659	8
824	Performance Enhancing Diets and the PRISE Protocol to Optimize Athletic Performance. 2015 , 2015, 715859	11
823	Scientific and technical assistance on food intended for sportspeople. 2015 , 12,	1
822	Água de coco em pó como suplemento hidroeletrólítico e energético para atletas. 2015 , 21, 390-394	1
821	Agreement of urine specific gravity measurements between manual and digital refractometers. 2015 , 50, 59-64	7
820	Assessing Hydration Status and Reported Beverage Intake in the Workplace. 2015 , 9, 157-168	1
819	Hot environments decrease exercise capacity and elevate multiple neurotransmitters. 2015 , 141, 74-80	8
818	Hypohydration and Human Performance: Impact of Environment and Physiological Mechanisms. 2015 , 45 Suppl 1, S51-60	99
817	Innovative Operations Measures and Nutritional Support for Mass Endurance Events. 2015 , 45 Suppl 1, S61-9	11
816	Accuracy of Urine Color to Detect Equal to or Greater Than 2% Body Mass Loss in Men. 2015 , 50, 1306-9	19
815	On sweat analysis for quantitative estimation of dehydration during physical exercise. 2015 , 2015, 7011-4	2

814	The reliability of a heat acclimation state test prescribed from metabolic heat production intensities. 2015 , 53, 38-45	10
813	Opportunities for intervention strategies for weight management: global actions on fluid intake patterns. 2015 , 8, 54-76	4
812	Fitness level impacts salivary antimicrobial protein responses to a single bout of cycling exercise. 2015 , 115, 1015-27	34
811	The effect of hydration status on appetite and energy intake. 2015 , 33, 761-8	11
810	Isothermic and fixed intensity heat acclimation methods induce similar heat adaptation following short and long-term timescales. 2015 , 49-50, 55-65	72
809	The addition of whey protein to a carbohydrate-electrolyte drink does not influence post-exercise rehydration. 2015 , 33, 77-84	12
808	Effect of tyrosine ingestion on cognitive and physical performance utilising an intermittent soccer performance test (iSPT) in a warm environment. 2015 , 115, 373-86	20
807	Fluid intake, hydration, work physiology of wildfire fighters working in the heat over consecutive days. 2015 , 59, 554-65	13
806	Intestinal temperature does not reflect rectal temperature during prolonged, intense running with cold fluid ingestion. 2015 , 36, 259-72	13
805	Effects of protein addition to carbohydrate-electrolyte solutions on postexercise rehydration. 2015 , 13, 8-15	8
804	Non-invasive estimation of hydration status changes through tear fluid osmolarity during exercise and post-exercise rehydration. 2015 , 115, 1165-75	17
803	Assessment of hydration status in a large population. 2015 , 113, 147-58	74
802	Plasma and electrolyte changes in exercising humans after ingestion of multiple boluses of pickle juice. 2015 , 50, 141-6	2
801	Precision Error in Dual-Energy X-Ray Absorptiometry Body Composition Measurements in Elite Male Rugby League Players. 2015 , 18, 546-50	20
800	Effect of heat on firefighters' work performance and physiology. 2015 , 53, 1-8	18
799	Mild hypohydration increases the frequency of driver errors during a prolonged, monotonous driving task. 2015 , 147, 313-8	39
798	Downhill running and exercise in hot environments increase leukocyte Hsp72 (HSPA1A) and Hsp90 α (HSPC1) gene transcripts. 2015 , 118, 996-1005	14
797	Recommendations for Healthy Nutrition in Female Endurance Runners: An Update. 2015 , 2, 17	14

796	Effect of Hypohydration on Muscle Endurance, Strength, Anaerobic Power and Capacity and Vertical Jumping Ability: A Meta-Analysis. 2015 , 45, 1207-27	48
795	Quantification of chromatographic effects of vitamin B supplementation in urine and implications for hydration assessment. 2015 , 119, 110-5	7
794	Effect of exercise, heat stress and dehydration on myocardial performance. 2015 , 65, 317-23	18
793	Consensus recommendations on training and competing in the heat. 2015 , 49, 1164-73	90
792	Consensus Recommendations on Training and Competing in the Heat. 2015 , 45, 925-38	55
791	Effects of l-Alanyl-l-Glutamine Ingestion on One-Hour Run Performance. 2015 , 34, 488-96	10
790	Working in hot conditions--a study of electrical utility workers in the northern territory of Australia. 2015 , 12, 156-62	33
789	Temperature of Ingested Water during Exercise Does Not Affect Body Heat Storage. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1272-80	1.2 11
788	Severe Dehydration and Exertional Heat Illness. 2015 , 228-235	
787	Relationship between muscle water and glycogen recovery after prolonged exercise in the heat in humans. 2015 , 115, 1919-26	36
786	The influence of hydration status during prolonged endurance exercise on salivary antimicrobial proteins. 2015 , 115, 1887-95	16
785	Plasma levels of trace elements and exercise induced stress hormones in well-trained athletes. 2015 , 31, 113-9	20
784	Separate and combined effects of dehydration and thirst sensation on exercise performance in the heat. 2015 , 25 Suppl 1, 104-11	29
783	Dietary sodium and health: more than just blood pressure. 2015 , 65, 1042-50	163
782	Hyperthermia, but not muscle water deficit, increases glycogen use during intense exercise. 2015 , 25 Suppl 1, 126-34	11
781	24-h Void number as an indicator of hydration status. 2015 , 69, 638-41	10
780	Dehydration and hyponatremia in professional rugby union players: a cohort study observing english premier ship rugby union players during match play, field, and gym training in cool environmental conditions. 2015 , 29, 107-15	22
779	Repeatability of a running heat tolerance test. 2015 , 49-50, 91-7	16

778	Variability of performance during a 60-min running race. 2015 , 33, 2051-60	3
777	Do nitric oxide synthase and cyclooxygenase contribute to the heat loss responses in older males exercising in the heat?. 2015 , 593, 3169-80	24
776	Diet, Food, Nutrition, and Exercise in Cystic Fibrosis. 2015 , 317-332	
775	Fluid Balance and Hydration for Human Performance. 2015 , 105-119	
774	A comparison of two commercially available ELISA methods for the quantification of human plasma heat shock protein 70 during rest and exercise stress. 2015 , 20, 917-26	9
773	Effect of moderate exercise-induced heat stress on carotid wave intensity. 2015 , 115, 2223-30	4
772	An Evaluation of the Physiological Strain Experienced by Electrical Utility Workers in North America. 2015 , 12, 708-20	41
771	Ad libitum fluid consumption via self- or external administration. 2015 , 50, 51-8	5
770	The role of fluid temperature and form on endurance performance in the heat. 2015 , 25 Suppl 1, 39-51	24
769	Hydration and endocrine responses to intravenous fluid and oral glycerol. 2015 , 25 Suppl 1, 112-25	3
768	Physiological responses to incremental exercise in the heat following internal and external precooling. 2015 , 25 Suppl 1, 190-9	25
767	Isothermic and fixed-intensity heat acclimation methods elicit equal increases in Hsp72 mRNA. 2015 , 25 Suppl 1, 259-68	31
766	A comparison of males and females' temporal patterning to short- and long-term heat acclimation. 2015 , 25 Suppl 1, 250-8	43
765	Consensus recommendations on training and competing in the heat. 2015 , 25 Suppl 1, 6-19	107
764	The impact of making-weight on cognitive performance in apprentice jockeys. 2015 , 33, 1589-95	8
763	Heat acclimation attenuates physiological strain and the HSP72, but not HSP90 α mRNA response to acute normobaric hypoxia. 2015 , 119, 889-99	39
762	Implications of active lifestyles and environmental factors for water needs and consequences of failure to meet those needs. 2015 , 73 Suppl 2, 130-40	12
761	Effect of short-term exercise-heat acclimation on ventilatory and cerebral blood flow responses to passive heating at rest in humans. 2015 , 119, 435-44	11

760	Is the Wet-Bulb Globe Temperature (WBGT) Index Relevant for Exercise in the Heat?. 2015 , 45, 1619-21	23
759	Essential and Nonessential Micronutrients and Sport. 2015 , 77-103	
758	Effects of a moderate intake of beer on markers of hydration after exercise in the heat: a crossover study. 2015 , 12, 26	18
757	Cold-Water Immersion for Hyperthermic Humans Wearing American Football Uniforms. 2015 , 50, 792-9	18
756	A variant within the AQP1 3'-untranslated region is associated with running performance, but not weight changes, during an Ironman Triathlon. 2015 , 33, 1342-8	8
755	The effect of ice-slusly consumption on plasma vasoactive intestinal peptide during prolonged exercise in the heat. 2015 , 47, 59-62	6
754	Predictors of cardiac troponin release after a marathon. 2015 , 18, 88-92	57
753	Incidence and predictors of exertional hyperthermia after a 15-km road race in cool environmental conditions. 2015 , 18, 333-7	23
752	Energy drink usage among university students in a Caribbean country: Patterns of use and adverse effects. 2015 , 5, 103-16	24
751	Skeletal muscle water and electrolytes following prolonged dehydrating exercise. 2015 , 25, e274-82	9
750	Current hydration guidelines are erroneous: dehydration does not impair exercise performance in the heat. 2015 , 49, 1077-83	60
749	High Pressure Carbon Dioxide pasteurization of coconut water: A sport drink with high nutritional and sensory quality. 2015 , 145, 73-81	53
748	The Effect of Precooling on Exhaustive Performance in the Hot Environment. 2016 , 7, e33125	0
747	Comparison of Watermelon and Carbohydrate Beverage on Exercise-Induced Alterations in Systemic Inflammation, Immune Dysfunction, and Plasma Antioxidant Capacity. 2016 , 8,	29
746	A Systematic Review of Athletes' and Coaches' Nutrition Knowledge and Reflections on the Quality of Current Nutrition Knowledge Measures. 2016 , 8,	84
745	El consumo de leche posterior al ejercicio disminuye la excreci3n de electrolitos / Milk Consumption After Exercise Decreases Electrolyte Excretion. 2016 , 62, 221-228	1
744	Post-Exercise Rehydration: Effect of Consumption of Beer with Varying Alcohol Content on Fluid Balance after Mild Dehydration. 2016 , 3, 45	11
743	Effects of Beer, Non-Alcoholic Beer and Water Consumption before Exercise on Fluid and Electrolyte Homeostasis in Athletes. 2016 , 8,	10

742	Physical Activity and Beverage Consumption among Adolescents. 2016 , 8,	11
741	Lymphocyte Redox Imbalance and Reduced Proliferation after a Single Session of High Intensity Interval Exercise. 2016 , 11, e0153647	14
740	Patterns of Nutrition and Dietary Supplements Use in Young Egyptian Athletes: A Community-Based Cross-Sectional Survey. 2016 , 11, e0161252	21
739	Hot and Hypoxic Environments Inhibit Simulated Soccer Performance and Exacerbate Performance Decrements When Combined. 2015 , 6, 421	25
738	Comparison of Non-Invasive Individual Monitoring of the Training and Health of Athletes with Commercially Available Wearable Technologies. 2016 , 7, 71	74
737	Validity of Urine Specific Gravity When Compared With Plasma Osmolality as a Measure of Hydration Status in Male and Female NCAA Collegiate Athletes. 2016 , 30, 2219-25	26
736	Hydration and Fluid Replacement Knowledge, Attitudes, Barriers, and Behaviors of NCAA Division 1 American Football Players. 2016 , 30, 2972-2978	15
735	Metabolic Demand and Internal Training Load in Technical-Tactical Training Sessions of Professional Futsal Players. 2016 , 30, 2330-40	10
734	CFTR genotype-related body water and electrolyte balance during a marathon. 2016 , 26, 1036-44	6
733	A narrative review of exercise-associated muscle cramps: Factors that contribute to neuromuscular fatigue and management implications. 2016 , 54, 177-85	17
732	Exploring the mechanisms underpinning sweating: the development of a specialized ventilated capsule for use with intradermal microdialysis. 2016 , 4, e12738	34
731	Medical Coverage of Ultramarathons and Its Unique Challenges. 2016 , 15, 154-60	5
730	Emergency Incident Rehabilitation: Resource Document to the Position Statement of the National Association of EMS Physicians. 2016 , 20, 300-6	1
729	Prevalence of Dehydration Before Training Sessions, Friendly and Official Matches in Elite Female Soccer Players. 2016 , 50, 79-84	17
728	Body Mass Changes Across a Variety of Running Race Distances in the Tropics. 2015 , 2, 26	7
727	Type 1 diabetes modulates cyclooxygenase- and nitric oxide-dependent mechanisms governing sweating but not cutaneous vasodilation during exercise in the heat. 2016 , 311, R1076-R1084	7
726	Heart rate variability during high heat stress: a comparison between young and older adults with and without Type 2 diabetes. 2016 , 311, R669-R675	20
725	Intervention to reduce heat stress and improve efficiency among sugarcane workers in El Salvador: Phase 1. 2016 , 73, 409-16	59

724	Heat stress and dehydration in adapting for performance: Good, bad, both, or neither?. 2016 , 3, 412-436	41
723	Hydration Status Assessment Techniques and Their Applicability Among Olympic Combat Sports Athletes: Literature Review. 2016 , 38, 80-89	4
722	Effect of electrolyzed high-pH alkaline water on blood viscosity in healthy adults. 2016 , 13, 45	12
721	Physiological and psychological responses in Fire Instructors to heat exposures. 2016 , 58, 106-14	20
720	Effective microorganism - X attenuates circulating superoxide dismutase following an acute bout of intermittent running in hot, humid conditions. 2016 , 24, 130-44	3
719	Physiological adjustments to hypohydration: Impact on thermoregulation. 2016 , 196, 47-51	24
718	Thermoregulation, Fluid Balance, and Sweat Losses in American Football Players. 2016 , 46, 1391-405	26
717	Effects of obesity and mild hypohydration on local sweating and cutaneous vascular responses during passive heat stress in females. 2016 , 41, 879-87	8
716	The Effects of Heat Adaptation on Physiology, Perception and Exercise Performance in the Heat: A Meta-Analysis. 2016 , 46, 1699-1724	159
715	Hydroelectrolytic balance of Brazilian jiu-jitsu athletes during a simulated competition. 2016 , 12, 183-188	
714	Carbohydrate mouth rinsing has no effect on power output during cycling in a glycogen-reduced state. 2016 , 13, 19	9
713	Monitoring hydration status pre- and post-training among university athletes using urine color and weight loss indicators. 2016 , 64, 448-55	3
712	The interactive contributions of Na(+)/K(+)-ATPase and nitric oxide synthase to sweating and cutaneous vasodilatation during exercise in the heat. 2016 , 594, 3453-62	16
711	Thermoregulation During Extended Exercise in the Heat: Comparisons of Fluid Volume and Temperature. 2016 , 27, 386-92	6
710	Interindividual variability in sweat electrolyte concentration in marathoners. 2016 , 13, 31	30
709	Providing Oral Nutrition to Women in Labor: American College of Nurse-Midwives. 2016 , 61, 528-34	9
708	A metered intake of milk following exercise and thermal dehydration restores whole-body net fluid balance better than a carbohydrate-electrolyte solution or water in healthy young men. 2016 , 116, 1013-21	19
707	Hsp72 and Hsp90 α mRNA transcription is characterised by large, sustained changes in core temperature during heat acclimation. 2016 , 21, 1021-1035	15

706	The void in using urine concentration to assess population fluid intake adequacy or hydration status. 2016 , 104, 553-6	11
705	Optimizing Nutrition for Endurance Training. 2016 , 295-303	
704	The roles of the Na ⁺ /K ⁺ -ATPase, NKCC, and K ⁺ channels in regulating local sweating and cutaneous blood flow during exercise in humans in vivo. 2016 , 4, e13024	11
703	Ischaemic preconditioning does not alter the determinants of endurance running performance in the heat. 2016 , 116, 1735-45	12
702	Venous blood gases and cardiorespiratory parameters during aerobic exercise with different pre-exercise diet and hydration. 2016 , 31, 347-354	1
701	Nutra-ergonomics: influence of nutrition on physical employment standards and the health of workers. 2016 , 41, S165-74	5
700	Variáveis psicofisiológicas durante exercício físico frente a diferentes condutas de alimentação e hidratação. 2016 , 38, 334-341	1
699	Cutaneous blood flow during intradermal NO administration in young and older adults: roles for calcium-activated potassium channels and cyclooxygenase?. 2016 , 310, R1081-7	12
698	Leukocyte Hsp72 mRNA transcription does not differ between males and females during heat acclimation. 2016 , 3, 549-556	9
697	Non-professional marathon running: RAGE axis and ST2 family changes in relation to open-window effect, inflammation and renal function. 2016 , 6, 32315	16
696	Assessment of hydration status of elite young male soccer players with different methods and new approach method of substitute urine strip. 2016 , 13, 34	14
695	The effects of the intake of an isotonic sports drink before orienteering competitions on skeletal muscle damage. 2016 , 28, 3200-3204	7
694	Relationships between micronutrient losses in sweat and blood pressure among heat-exposed steelworkers. 2016 , 54, 215-23	26
693	The effect of endothelin A and B receptor blockade on cutaneous vascular and sweating responses in young men during and following exercise in the heat. 2016 , 121, 1263-1271	
692	Sago supplementation for exercise performed in a thermally stressful environment: Rationale, efficacy and opportunity. 2016 , 3, 384-393	
691	The influence of hydration state on thermoregulation during a 161-km ultramarathon. 2016 , 24, 212-21	12
690	The effect of plasma osmolality and baroreceptor loading status on postexercise heat loss responses. 2016 , 310, R522-31	5
689	Evaluation and analytical validation of a handheld digital refractometer for urine specific gravity measurement. 2016 , 5, 65-74	15

688	Effects of different fluid replacements on serum HSP70 and lymphocyte DNA damage in college athletes during exercise at high ambient temperatures. 2016 , 5, 448-455	6
687	Wet, volatile, and dry biomarkers of exercise-induced muscle fatigue. 2016 , 17, 40	22
686	Nutritional considerations during prolonged exposure to a confined, hyperbaric, hyperoxic environment: recommendations for saturation divers. 2016 , 5, 1	11
685	The Impact of Gastrointestinal Symptoms and Dermatological Injuries on Nutritional Intake and Hydration Status During Ultramarathon Events. 2016 , 2, 16	47
684	VIEW: Is Drinking to Thirst Adequate to Appropriately Maintain Hydration Status During Prolonged Endurance Exercise? Yes. 2016 , 27, 192-5	15
683	Muscle contraction velocity, strength and power output changes following different degrees of hypohydration in competitive olympic combat sports. 2016 , 13, 10	25
682	Physical Qualities of International Female Rugby League Players by Playing Position. 2016 , 30, 1333-40	30
681	Effects of oral salt supplementation on physical performance during a half-ironman: A randomized controlled trial. 2016 , 26, 156-64	26
680	Ad-libitum drinking and performance during a 40-km cycling time trial in the heat. 2016 , 16, 213-20	23
679	Thirst responses following high intensity intermittent exercise when access to ad libitum water intake was permitted, not permitted or delayed. 2016 , 157, 47-54	3
678	Physiologic and performance effects of sago supplementation before and during cycling in a warm-humid environment. 2016 , 3, 318-327	3
677	A comparison of thermoregulatory responses to exercise between mass-matched groups with large differences in body fat. 2016 , 120, 615-23	35
676	Nighttime feeding likely alters morning metabolism but not exercise performance in female athletes. 2016 , 41, 719-27	19
675	Reduction in body temperature using hand cooling versus passive rest after exercise in the heat. 2016 , 19, 936-940	13
674	Position of the Academy of Nutrition and Dietetics, Dietitians of Canada, and the American College of Sports Medicine: Nutrition and Athletic Performance. 2016 , 116, 501-528	502
673	Am I Drinking Enough? Yes, No, and Maybe. 2016 , 35, 185-92	31
672	Suitability of Bioelectrical Based Methods to Assess Water Compartments in Recreational and Elite Athletes. 2016 , 35, 413-21	19
671	Body Temperature Regulation During Exercise Training. 2016 , 253-268	1

670	The fluid and electrolyte balance of New Zealand European and Māori/Pacific Island athletes: An observational study. 2016 , 16, 336-43	5
669	The physical demands of electrical utilities work in North America. 2016 , 13, 60-70	21
668	Real-time colorimetric hydration sensor for sport activities. 2016 , 90, 1181-1185	26
667	Normative data for regional sweat sodium concentration and whole-body sweating rate in athletes. 2016 , 34, 358-68	60
666	Hydration Strategy for Endurance Running in an Athlete Requiring Home Parenteral Nutrition. 2016 , 31, 191-4	1
665	The effect of hypohydration on endothelial function in young healthy adults. 2017 , 56, 1211-1217	27
664	Fluid balance and hydration assessment during the weight-stable preparation phase in elite youth boxers. 2017 , 35, 719-726	6
663	New insights in professional horse racing; "in-race" heart rate data, elevated fracture risk, hydration, nutritional and lifestyle analysis of elite professional jockeys. 2017 , 35, 441-448	20
662	Three-Compartment Body Composition Changes in Professional Rugby Union Players Over One Competitive Season: A Team and Individualized Approach. 2017 , 20, 50-57	26
661	Carbohydrate mouth rinse enhances time to exhaustion during treadmill exercise. 2017 , 37, 17-22	22
660	Extracellular and cellular Hsp72 differ as biomarkers in acute exercise/environmental stress and recovery. 2017 , 27, 66-74	8
659	Exercise management in type 1 diabetes: a consensus statement. 2017 , 5, 377-390	391
658	Fluid, energy and nutrient recovery via ad libitum intake of different fluids and food. 2017 , 171, 228-235	12
657	Nutritional Considerations for Young Athletes. 2017 , 267-280	
656	Morbidities in the ultra-athlete and marathoner. 2017 , 27, S94-S100	2
655	Optimizing the restoration and maintenance of fluid balance after exercise-induced dehydration. 2017 , 122, 945-951	48
654	Striving for control: lessons learned from a successful international Type 1 Diabetes Youth Challenge. 2017 , 54, 403-409	7
653	The effect of hydration status on the measurement of lean tissue mass by dual-energy X-ray absorptiometry. 2017 , 117, 567-574	23

652	Validity of Core Temperature Measurements at 3 Rectal Depths During Rest, Exercise, Cold-Water Immersion, and Recovery. 2017 , 52, 332-338		26
651	Criterion values for urine-specific gravity and urine color representing adequate water intake in healthy adults. 2017 , 71, 561-563		31
650	In-Play Cooling Interventions for Simulated Match-Play Tennis in Hot/Humid Conditions. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 991-998	1.2	23
649	Heat Strain Is Exacerbated on the Second of Consecutive Days of Fire Suppression. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 999-1005	1.2	16
648	Effect of Different Osmolalities, CHO Types, and [CHO] on Gastric Emptying in Humans. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1015-1021	1.2	9
647	The roles of K _v 4.3, K _v 1.5, and K _v 1.3 channels in regulating cutaneous vasodilation and sweating during exercise in the heat. 2017 , 312, R821-R827		11
646	Measurement of sodium concentration in sweat samples: comparison of 5 analytical techniques. 2017 , 42, 861-868		12
645	Individual variations in nitric oxide synthase-dependent sweating in young and older males during exercise in the heat: role of aerobic power. 2017 , 5, e13208		14
644	Fluid Balance in Team Sport Athletes and the Effect of Hypohydration on Cognitive, Technical, and Physical Performance. 2017 , 47, 1951-1982		84
643	Nutritional Guidelines for Football Players. 2017 , 595-606		1
642	Fluid replacement advice during work in fully encapsulated impermeable chemical protective suits. 2017 , 14, 448-455		5
641	The Influence of Drinking Fluid on Endurance Cycling Performance: A Meta-Analysis. 2017 , 47, 2269-2284		24
640	The recommended Threshold Limit Values for heat exposure fail to maintain body core temperature within safe limits in older working adults. 2017 , 14, 703-711		20
639	Cardiovascular Drift during Training for Fitness in Patients with Metabolic Syndrome. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 518-526	1.2	7
638	Defining the determinants of endurance running performance in the heat. 2017 , 4, 314-329		12
637	A comparison of the effectiveness of commercial and natural carbohydrate-electrolyte drinks. 2017 , 32, 160-164		4
636	Sweating Rate and Sweat Sodium Concentration in Athletes: A Review of Methodology and Intra/Interindividual Variability. 2017 , 47, 111-128		139
635	The Effect of Fluid Intake Following Dehydration on Subsequent Athletic and Cognitive Performance: a Systematic Review and Meta-analysis. 2017 , 3, 13		18

634	Exercise-induced dehydration alters pulmonary function but does not modify airway responsiveness to dry air in athletes with mild asthma. 2017 , 122, 1329-1335		5
633	Prescribed Drinking Leads to Better Cycling Performance than Ad Libitum Drinking. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1244-1251	1.2	21
632	Reproducibility of the Internal Load and Performance-Based Responses to Simulated Amateur Boxing. 2017 , 31, 3396-3402		
631	American football and fatal exertional heat stroke: a case study of Korey Stringer. 2017 , 61, 1471-1480		19
630	Short-term heat acclimation prior to a multi-day desert ultra-marathon improves physiological and psychological responses without compromising immune status. 2017 , 35, 2249-2256		18
629	Occupational Heat Stress and Kidney Health: From Farms to Factories. 2017 , 2, 998-1008		51
628	Trapped sweat in basketball uniforms and the effect on sweat loss estimates. 2017 , 5, e13463		4
627	National Athletic Trainers' Association Position Statement: Fluid Replacement for the Physically Active. 2017 , 52, 877-895		158
626	Considerations for Fueling an Endurance Athlete With Home Parenteral Nutrition. 2017 , 32, 782-788		
625	Promotion of Healthy Weight-Control Practices in Young Athletes. 2017 , 140,		21
624	Mild exercise in female subjects impairs complex learning independent of hydration status and emotion. 2017 , 180, 113-119		3
623	Fluid replacement modulates oxidative stress- but not nitric oxide-mediated cutaneous vasodilation and sweating during prolonged exercise in the heat. 2017 , 313, R730-R739		8
622	Thermoregulatory and Perceptual Effects of a Percooling Garment Worn Underneath an American Football Uniform. 2017 , 31, 2983-2991		2
621	Nutritional Aspects of the Female Athlete. 2017 , 36, 627-653		14
620	Monitoring training load and fatigue in soccer players with physiological markers. 2017 , 181, 86-94		57
619	Temperate-Water Immersion as a Treatment for Hyperthermic Humans Wearing American Football Uniforms. 2017 , 52, 747-752		7
618	Biomarkers in Sports and Exercise: Tracking Health, Performance, and Recovery in Athletes. 2017 , 31, 2920-2937		117
617	Use of anabolic androgenic steroids produces greater oxidative stress responses to resistance exercise in strength-trained men. 2017 , 4, 282-286		13

616	Reliability of a Cryoscopic Micro-Osmometer Using 15- μ L Plasma Samples to Measure Hydration Status in Varied Environmental Conditions. 2017 , 21, 34-39		3
615	Are All Heat Loads Created Equal?. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1796-1804	1.2	9
614	Effects of Fluid Ingestion on Brain-Derived Neurotrophic Factor and Cognition During Exercise in the Heat. 2017 , 58, 73-86		4
613	Systems biology of personalized nutrition. 2017 , 75, 579-599		43
612	Sports and environmental temperature: From warming-up to heating-up. 2017 , 4, 227-257		57
611	Power Relative to Body Mass Best Predicts Change in Core Temperature During Exercise-Heat Stress. 2017 , 31, 403-414		16
610	T-cell redeployment and intracellular cytokine expression following exercise: effects of exercise intensity and cytomegalovirus infection. 2017 , 5, e13070		17
609	The Competitive Senior Athlete. 2017 , 28, 767-776		3
608	Swim drink study: a randomised controlled trial of during-exercise rehydration and swimming performance. 2017 , 1, e000075		1
607	Selected In-Season Nutritional Strategies to Enhance Recovery for Team Sport Athletes: A Practical Overview. 2017 , 47, 2201-2218		56
606	Hypohydration impairs endurance performance: a blinded study. 2017 , 5, e13315		36
605	Nitric oxide synthase and cyclooxygenase modulate β adrenergic cutaneous vasodilatation and sweating in young men. 2017 , 595, 1173-1184		12
604	The Influence of Mixers Containing Artificial Sweetener or Different Doses of Carbohydrate on Breath Alcohol Responses in Females. 2017 , 41, 38-45		1
603	Sex Hormones and Environmental Factors Affecting Exercise. 2017 , 151-170		2
602	Fire service instructor's undergarment choice to reduce Interleukin-6 and minimise physiological and perceptual strain. 2017 , 63, 41-48		5
601	Why do team-sport athletes drink fluid in excess when exercising in cool conditions?. 2017 , 42, 271-277		2
600	Short-term heat acclimation improves the determinants of endurance performance and 5-km running performance in the heat. 2017 , 42, 285-294		31
599	Effect of hand cooling on body temperature, cardiovascular and perceptual responses during recumbent cycling in a hot environment. 2017 , 35, 1466-1474		8

598	Efeito de diferentes estados de hidrataç� sobre o desempenho f�sico e cognitivo-motor de atletas submetidos a exerc�io em ambiente de baixo estresse ao calor. 2017 , 10, 181-186	
597	Physical activity profile of 2014 FIFA World Cup players, with regard to different ranges of air temperature and relative humidity. 2017 , 61, 677-684	25
596	Les boissons pour sportifs et les boissons hergisantes chez les enfants et les adolescents. 2017 , 22, 411-415	1
595	Health challenges in long-distance dog sled racing: A systematic review of literature. 2017 , 76, 1396147	1
594	Energy and sports drinks in children and adolescents. 2017 , 22, 406-410	16
593	Live Personalized Nutrition Recommendation Engine. 2017 , 2017, 61-68	13
592	Myths and methodologies: Making sense of exercise mass and water balance. 2017 , 102, 1047-1053	24
591	Nutritional needs in the professional practice of swimming: a review. 2017 , 21, 1-10	6
590	Intraocular Pressure Is a Poor Predictor of Hydration Status following Intermittent Exercise in the Heat. 2017 , 8, 36	1
589	Reported Hydration Beliefs and Behaviors without Effect on Plasma Sodium in Endurance Athletes. 2017 , 8, 259	0
588	The Hsp72 and Hsp90� mRNA Responses to Hot Downhill Running Are Reduced Following a Prior Bout of Hot Downhill Running, and Occur Concurrently within Leukocytes and the Vastus Lateralis. 2017 , 8, 473	7
587	The Effects of Simulated Wildland Firefighting Tasks on Core Temperature and Cognitive Function under Very Hot Conditions. 2017 , 8, 815	14
586	Validation of a General and Sport Nutrition Knowledge Questionnaire in Adolescents and Young Adults: GeSNK. 2017 , 9,	18
585	Do Image-Assisted Mobile Applications Improve Dietary Habits, Knowledge, and Behaviours in Elite Athletes? A Pilot Study. 2017 , 5,	16
584	Nutritional Recommendations for Athletes. 2017 , 255-271	1
583	Nutrition and Supplementation in Soccer. 2017 , 5,	19
582	The Impact of Heat Exposure and Sleep Restriction on Firefighters' Work Performance and Physiology during Simulated Wildfire Suppression. 2017 , 14,	17
581	Exercise-Associated Hyponatremia: 2017 Update. 2017 , 4, 21	49

580	Beer and Its Role in Human Health. 2017 , 365-384	5
579	Normative data on regional sweat-sodium concentrations of professional male team-sport athletes. 2017 , 14, 40	10
578	Mouth rinsing with a carbohydrate solution attenuates exercise-induced decline in executive function. 2017 , 14, 45	8
577	Efficacy of Glucose or Amino Acid-Based Commercial Beverages in Meeting Oral Rehydration Therapy Goals After Acute Hypertonic and Isotonic Dehydration. 2018 , 42, 1185-1193	6
576	Practical pre-cooling methods for occupational heat exposure. 2018 , 70, 26-33	19
575	Hydration. 2018 , 83-100	4
574	Dehydration is how you define it: comparison of 318 blood and urine athlete spot checks. 2018 , 4, e000297	13
573	Drugs and Supplements. 2018 , 347-365	
572	Effects of whey protein in carbohydrate-electrolyte drinks on post-exercise rehydration. 2018 , 18, 685-694	1
571	Adding sleep restriction to the equation: impact on wildland firefighters' work performance and physiology in hot conditions. 2018 , 91, 601-611	7
570	US Army Soldiers With Type 1 Diabetes Mellitus. 2018 , 12, 854-858	1
569	Skin-interfaced systems for sweat collection and analytics. 2018 , 4, eaar3921	217
568	Hydration Status, Kidney Function, and Kidney Injury in Florida Agricultural Workers. 2018 , 60, e253-e260	40
567	Measured and perceived indices of fluid balance in professional athletes. The use and impact of hydration assessment strategies. 2018 , 18, 349-356	8
566	Drinking Strategies: Planned Drinking Versus Drinking to Thirst. 2018 , 48, 31-37	64
565	Water intake reverses dehydration associated impaired executive function in healthy young women. 2018 , 185, 103-111	14
564	Fitness-related differences in the rate of whole-body total heat loss in exercising young healthy women are heat-load dependent. 2018 , 103, 312-317	17
563	Physiological and perceptual responses to exercising in restrictive heat loss attire with use of an upper-body sauna suit in temperate and hot conditions. 2018 , 5, 162-174	11

562	Bioimpedance for Analysis of Body Composition in Sports. 2018 , 243-256	5
561	Comparison of Sports Drink Versus Oral Rehydration Solution During Exercise in the Heat. 2018 , 29, 185-193	3
560	Temporal changes in physiological and performance responses across game-specific simulated basketball activity. 2018 , 7, 176-182	11
559	CAERvest [®] - a novel endothermic hypothermic device for core temperature cooling: safety and efficacy testing. 2018 , 24, 118-128	1
558	Hydration status influences the measurement of arterial stiffness. 2018 , 38, 447-454	3
557	Effects of acute exercise, dehydration and rehydration on cognitive function in well-trained athletes. 2018 , 36, 247-255	10
556	Females exposed to 24 h of sleep deprivation do not experience greater physiological strain, but do perceive heat illness symptoms more severely, during exercise-heat stress. 2018 , 36, 348-355	4
555	Precooling With Crushed Ice: As Effective as Heat Acclimation at Improving Cycling Time-Trial Performance in the Heat. 2018 , 13, 228-234	4
554	Bone Density and Cross-sectional Geometry of the Proximal Femur Are Bilaterally Elevated in Elite Cricket Fast Bowlers. 2018 , 21, 399-405	4
553	Orderly recruitment of thermoeffectors in resting humans. 2018 , 314, R171-R180	17
552	Fitness-related differences in the rate of whole-body evaporative heat loss in exercising men are heat-load dependent. 2018 , 103, 101-110	24
551	Hydration Status and Thermoregulatory Responses in Drivers During Competitive Racing. 2018 , 32, 2061-2065	4
550	Changes in cardiac and muscle biomarkers following an uphill-only marathon. 2018 , 26, 100-111	17
549	Exercise and Older Adults. 2018 , 34, 145-162	56
548	Beat the Heat: Effects of a Motivational Self-Talk Intervention on Endurance Performance. 2018 , 30, 388-401	8
547	Screening criteria for increased susceptibility to heat stress during work or leisure in hot environments in healthy individuals aged 31-70 years. 2018 , 5, 86-99	35
546	Behavioral thermoregulation in older adults with cardiovascular co-morbidities. 2018 , 5, 70-85	5
545	Spot Sample Urine Specific Gravity Does Not Accurately Represent Small Decreases in Plasma Volume in Resting Healthy Males. 2018 , 37, 17-23	2

544	Short-term dietary curcumin supplementation reduces gastrointestinal barrier damage and physiological strain responses during exertional heat stress. 2018 , 124, 330-340	27
543	Evaluation and review of body fluids saliva, sweat and tear compared to biochemical hydration assessment markers within blood and urine. 2018 , 72, 69-76	33
542	Repeat Effort Performance Is Reduced 24 Hours After Acute Dehydration in Mixed Martial Arts Athletes. 2018 , 32, 2555-2561	16
541	Considerations in the Use of Body Mass Change to Estimate Change in Hydration Status During a 161-Kilometer Ultramarathon Running Competition. 2018 , 48, 243-250	32
540	Fueling for Performance. 2018 , 10, 47-53	25
539	Oxidative stress does not influence local sweat rate during high-intensity exercise. 2018 , 103, 172-178	5
538	Factors Associated with Pre-Event Hydration Status and Drinking Behavior of Middle-Aged Cyclists. 2018 , 22, 335-340	6
537	Reliability of Urinary Dehydration Markers in Elite Youth Boxers. 2018 , 13, 374-381	7
536	Hydration Status, Executive Function, and Response to Orthostatism After a 118-km Mountain Race: Are They Interrelated?. 2018 , 32, 441-449	10
535	Tear osmolarity is sensitive to exercise-induced fluid loss but is not associated with common hydration measures in a field setting. 2018 , 36, 1220-1227	3
534	Physical-Preparation Recommendations for Elite Rugby Sevens Performance. 2018 , 13, 255-267	22
533	Cooling Rates of Hyperthermic Humans Wearing American Football Uniforms When Cold-Water Immersion Is Delayed. 2018 , 53, 1200-1205	3
532	Hydration status, sweating rate, heart rate and perceived exertion after running sessions in different relative humidity conditions: a randomized controlled trial. 2018 ,	
531	Obesity, but not hypohydration, mediates changes in mental task load during passive heating in females. 2018 , 6, e5394	2
530	Drinking to thirst influences fluid replacement in adolescents judokas. 2018 , 24,	
529	Body Temperature Regulation During Exercise and Hyperthermia in Diabetics. 2018 ,	3
528	SUPLEMENTOS DE CARBOHIDRATOS DURANTE UN EJERCICIO: EFECTOS SOBRE LOS ELECTROLITOS Y GLUCOSA / SUPPLEMENTS OF CARBOHYDRATES LONG DURING EXERCISE: EFFECTS ON THE ELECTROLYTES AND GLUCOSE. 2018 , 18, 269-287	
527	Swifter, higher, stronger: What's on the menu?. 2018 , 362, 781-787	53

526	Predicting Athletes' Pre-Exercise Fluid Intake: A Theoretical Integration Approach. 2018 , 10,	1
525	Nutritional Recovery Considerations for Intermittent Exercise and Sport. 2018 , 31, 26-33	1
524	Ten Practical Strategies Coaches Can Use to Promote Nutrition to Their Athletes. 2018 , 31, 34-41	0
523	Once- and twice-daily heat acclimation confer similar heat adaptations, inflammatory responses and exercise tolerance improvements. 2018 , 6, e13936	13
522	Public knowledge of dehydration and fluid intake practices: variation by participants' characteristics. 2018 , 18, 1346	6
521	Physical activity and sedentary behavior impacts on dietary water intake and hydration status in Spanish schoolchildren: A cross-sectional study. 2018 , 13, e0208748	4
520	Pre-Practice Hydration Status in Soccer (Football) Players in a Cool Environment. 2018 , 54,	4
519	Nutrition in Ultra-Endurance: State of the Art. 2018 , 10,	23
518	Bolus Ingestion of Whey Protein Immediately Post-Exercise Does Not Influence Rehydration Compared to Energy-Matched Carbohydrate Ingestion. 2018 , 10,	0
517	Workers' health and productivity under occupational heat strain: a systematic review and meta-analysis. 2018 , 2, e521-e531	131
516	Extreme Heat Considerations in International Football Venues: The Utility of Climatologic Data in Decision Making. 2018 , 53, 860-865	14
515	Ad libitum drinking adequately supports hydration during 2 h of running in different ambient temperatures. 2018 , 118, 2687-2697	11
514	Adrenergic receptor blockade does not modify non-thermal sweating during static exercise and following muscle ischemia in habitually trained individuals. 2018 , 118, 2669-2677	4
513	Comparison of a sports-hydration drink containing high amylose starch with usual hydration practice in Australian rules footballers during intense summer training. 2018 , 15, 46	2
512	Dietary curcumin supplementation does not alter peripheral blood mononuclear cell responses to exertional heat stress. 2018 , 118, 2707-2717	7
511	Sports Drinks Consumed During Exercise, Which Affect Thermoregulation and/or Athletic Performance in the Heat: A Review. 2018 , 40, 108-119	1
510	Cutaneous adrenergic nerve blockade attenuates sweating during incremental exercise in habitually trained men. 2018 , 125, 1041-1050	8
509	Role of Functional Beverages on Sport Performance and Recovery. 2018 , 10,	23

508	Whole body heat exposure modulates acute glucose metabolism. 2018 , 35, 644-651		10
507	A new occupational heat tolerance test: A feasibility study. 2018 , 78, 42-50		5
506	Physical fitness, hormonal, and immunological responses during prolonged military field training. 2018 , 6, e13850		6
505	The Role of Nutrition in Sport. 2018 , 121-138		
504	The effect of hot and cold drinks on thermoregulation, perception, and performance: the role of the gut in thermoreception. 2018 , 118, 2643-2654		2
503	Recommendations for management of diabetes and its complications during Hajj (Muslim pilgrimage). 2018 , 6, e000574		4
502	Body mass changes during training in elite rugby union: Is a single test of hydration indices reliable?. 2018 , 18, 1049-1057		2
501	Heat Loss Is Impaired in Older Men on the Day after Prolonged Work in the Heat. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1859-1867	1.2	16
500	Fluid Intake Habits in Type 1 Diabetes Individuals during Typical Training Bouts. 2018 , 73, 10-18		9
499	Interactions of Gut Microbiota, Endotoxemia, Immune Function, and Diet in Exertional Heatstroke. 2018 , 2018, 5724575		25
498	Exercise in cirrhosis: Translating evidence and experience to practice. 2018 , 69, 1164-1177		79
497	Heart rate and thermal responses to power yoga. 2018 , 32, 195-199		3
496	Sweat effects on the thermal analysis of epidermal electronic devices integrated with human skin. 2018 , 127, 97-104		13
495	ISSN exercise & sports nutrition review update: research & recommendations. 2018 , 15, 38		224
494	Organic electronics incorporating crown ethers as Na ⁺ binding elements, towards a simple printable hydration sensor. 2018 , 1, e10001		2
493	Fluid Metabolism in Athletes Running Seven Marathons in Seven Consecutive Days. 2018 , 9, 91		4
492	Individualized hydration plans improve performance outcomes for collegiate athletes engaging in in-season training. 2018 , 15, 27		5
491	Body map of regional vs. whole body sweating rate and sweat electrolyte concentrations in men and women during moderate exercise-heat stress. 2018 , 124, 1304-1318		35

490	Real-Time Observations of Food and Fluid Timing During a 120 km Ultramarathon. 2018 , 5, 32	12
489	Physiological and perceptual responses in the elderly to simulated daily living activities in UK summer climatic conditions. 2018 , 161, 163-170	13
488	Effect of Dehydration on Passing Decision Making in Soccer Athletes. 2018 , 89, 332-339	16
487	Ice slurry ingestion during break times attenuates the increase of core temperature in a simulation of physical demand of match-play tennis in the heat. 2018 , 5, 371-379	10
486	The motivation to behaviorally thermoregulate during passive heat exposure in humans is dependent on the magnitude of increases in skin temperature. 2018 , 194, 545-551	9
485	Nutrition and Hydration for Handball. 2018 , 81-101	
484	The effect of carbohydrate mouth rinse on performance, biochemical and psychophysiological variables during a cycling time trial: a crossover randomized trial. 2018 , 15, 23	4
483	Urine specific gravity as an indicator of dehydration in Olympic combat sport athletes; considerations for research and practice. 2018 , 18, 920-929	13
482	Maximizing Nutrition and Supplements for Masters Athletes. 2018 , 31-43	
481	Greater fluid loss does not fully explain the divergent hemodynamic balance mediating postexercise hypotension in endurance-trained men. 2018 , 124, 1264-1273	3
480	Effect of carbohydrate beverage ingestion on central versus peripheral fatigue: a placebo-controlled, randomized trial in cyclists. 2019 , 44, 139-147	1
479	Considerations for ultra-endurance activities: part 1- nutrition. 2019 , 27, 166-181	33
478	Fluid, energy, and nutrient recovery via ad libitum intake of different commercial beverages and food in female athletes. 2019 , 44, 37-46	7
477	Comment on "Drinking Strategies: Planned Drinking Versus Drinking to Thirst". 2019 , 49, 631-633	5
476	Nutritional Intake in Elite Cross-Country Skiers During Two Days of Training and Competition. 2019 , 29, 273-281	9
475	Nutritional intake and body composition changes in a UCI World Tour cycling team during the Tour of Spain. 2019 , 19, 86-94	7
474	Effects of catechin-enriched ion beverage intake on thermoregulatory function in a hot environment. 2019 , 69, 39-45	
473	Effects of isomaltulose ingestion on postexercise hydration state and heat loss responses in young men. 2019 , 104, 1494-1504	9

472	Exercise-Induced Cardiac Troponin I Increase and Incident Mortality and Cardiovascular Events. 2019 , 140, 804-814	44
471	A job task analysis to describe the physical demands of specialist paramedic roles in the National Ambulance Resilience Unit (NARU). 2019 , 63, 547-557	2
470	Impact of 3-day high and low dietary sodium intake on sodium status in response to exertional-heat stress: a double-blind randomized control trial. 2019 , 119, 2105-2118	8
469	Oxidative Stress Reduction (Prong-3). 2019 , 139-254	
468	Exercise (Prong-5). 2019 , 299-329	
467	Of Mice and Men-The Physiology, Psychology, and Pathology of Overhydration. 2019 , 11,	13
466	Practical Hydration Solutions for Sports. 2019 , 11,	24
465	Effect of Thirst-Driven Fluid Intake on 1 H Cycling Time-Trial Performance in Trained Endurance Athletes. 2019 , 7,	3
464	Sports Nutrition and Performance. 2019 ,	1
463	Physiological and Pathophysiological Responses to Ultramarathon Running in Non-elite Runners. 2019 , 10, 1300	18
462	The future of genetically based nutritional and pharmacological ergogenic aids in sport. 2019 , 461-485	
461	Does Hypohydration Really Impair Endurance Performance? Methodological Considerations for Interpreting Hydration Research. 2019 , 49, 103-114	13
460	High-Intensity Interval Training Versus Moderate-Intensity Continuous Training in Middle-Aged and Older Patients with Type 2 Diabetes: A Randomized Controlled Crossover Trial of the Acute Effects of Treadmill Walking on Glycemic Control. 2019 , 16,	13
459	International Society of Sports Nutrition Position Stand: nutritional considerations for single-stage ultra-marathon training and racing. 2019 , 16, 50	46
458	The Utility of Thirst as a Measure of Hydration Status Following Exercise-Induced Dehydration. 2019 , 11,	5
457	Blood Biomarker Profiling and Monitoring for High-Performance Physiology and Nutrition: Current Perspectives, Limitations and Recommendations. 2019 , 49, 185-198	26
456	Exercise-Associated Hyponatremia in Endurance and Ultra-Endurance Performance-Aspects of Sex, Race Location, Ambient Temperature, Sports Discipline, and Length of Performance: A Narrative Review. 2019 , 55,	15
455	Pediatric Thermoregulation: Considerations in the Face of Global Climate Change. 2019 , 11,	16

454	Comparison of dietary intakes of Canadian Armed Forces personnel consuming field rations in acute hot, cold, and temperate conditions with standardized infantry activities. 2019 , 6, 26	7
453	Mild hypohydration impairs cycle ergometry performance in the heat: A blinded study. 2019 , 29, 686-695	15
452	Ad libitum water consumption prevents exercise-associated hyponatremia and protects against dehydration in soldiers performing a 40-km route-march. 2019 , 6, 1	9
451	Efficacy of Heat Mitigation Strategies on Core Temperature and Endurance Exercise: A Meta-Analysis. 2019 , 10, 71	41
450	Maintaining Euhydration Preserves Cognitive Performance, But Is Not Superior to Hypohydration. 2019 , 3, 338-348	2
449	Waterproof, electronics-enabled, epidermal microfluidic devices for sweat collection, biomarker analysis, and thermography in aquatic settings. 2019 , 5, eaau6356	142
448	Care of the Marching Musician. 2019 , 55-62	
447	Sports and Energy Drinks: Aspects to Consider. 2019 , 1-37	1
446	Factors Influencing the Optimal Choice of Sports Beverages. 2019 , 131-159	
445	The Impact of Sports and Energy Drinks in Performance. 2019 , 183-204	0
444	Influence of Substances Present in Energy and Sports Drinks in Improving Athletic Performance. 2019 , 297-337	1
443	A multidisciplinary consensus on dehydration: definitions, diagnostic methods and clinical implications. 2019 , 51, 232-251	19
442	Normative data for sweating rate, sweat sodium concentration, and sweat sodium loss in athletes: An update and analysis by sport. 2019 , 37, 2356-2366	39
441	Hydration Status and Fluid Needs of Division I Female Collegiate Athletes Exercising Indoors and Outdoors. 2019 , 7,	5
440	The Efficacy of Ingesting Water on Thermoregulatory Responses and Running Performance in a Warm-Humid Condition. 2019 , 10, 507	4
439	Fluid Restriction Decreases Solid Food Consumption Post-Exercise. 2019 , 11,	4
438	Physiology of sweat gland function: The roles of sweating and sweat composition in human health. 2019 , 6, 211-259	139
437	The ergogenic potency of carbohydrate mouth rinse on endurance running performance of dehydrated athletes. 2019 , 119, 1711-1723	5

436	The metabolic and physiological responses to scootering exercise in a field-setting. 2019 , 13, 26-32		2
435	Nine-, but Not Four-Days Heat Acclimation Improves Self-Paced Endurance Performance in Females. 2019 , 10, 539		13
434	Validity of Digital and Manual Refractometers for Measuring Urine Specific Gravity During Field Operations: A Brief Report. 2019 , 184, e632-e636		1
433	Bioelectrical impedance analysis does not detect an increase in total body water following isotonic fluid consumption. 2019 , 44, 1116-1120		3
432	Altered brain structure with preserved cortical motor activity after exertional hypohydration: a MRI study. 2019 , 127, 157-167		6
431	Effects of rehydration on the physical and technical condition in soccer players. 2019 , 54, 5-11		1
430	Reproducibility of Acute Steroid Hormone Responses in Men to Short-Duration Running. 2019 , 14, 1430-1437		2
429	Impact of exercise-induced hypohydration on gastrointestinal integrity, function, symptoms, and systemic endotoxin and inflammatory profile. 2019 , 126, 1281-1291		27
428	Hydration in Sport and Exercise. 2019 , 113-137		4
427	Heat tolerance of Fire Service Instructors. 2019 , 82, 1-9		4
426	Validation of a Mobile Application Water Planning Tool for Road Race Event Organizers. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1040-1046	1.2	3
425	Acute effects of essential amino acid gel-based and whey protein supplements on appetite and energy intake in older women. 2019 , 44, 1141-1149		7
424	Heat Stress During American Football. 2019 , 203-218		0
423	The effect of active hypohydration on cognitive function: A systematic review and meta-analysis. 2019 , 204, 297-308		18
422	The effect of cold ambient temperature and preceding active warm-up on lactate kinetics in female cyclists and triathletes. 2019 , 44, 1043-1051		1
421	Age-related differences in water and sodium handling after commercial hydration beverage ingestion. 2019 , 126, 1042-1048		4
420	Effect of Ice Slurry Ingestion on Cardiovascular Drift and $\dot{V}O_{2max}$ during Heat Stress. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 582-589	1.2	3
419	Local arginase inhibition does not modulate cutaneous vasodilation or sweating in young and older men during exercise. 2019 , 126, 1129-1137		6

418	Fluid balance and hydration status in combat sport Olympic athletes: a systematic review with meta-analysis of controlled and uncontrolled studies. 2019 , 58, 497-514	5
417	Muscle quality as a complementary prognostic tool in conjunction with sarcopenia assessment in younger and older individuals. 2019 , 119, 1171-1181	23
416	Effects of Dehydration on Cognitive and Physical Performance in Female Golfers: A Randomized Crossover Pilot Study. 2019 , 2, 496-507	1
415	Ultra-endurance athletic performance suggests that energetics drive human morphological thermal adaptation. 2019 , 1,	6
414	Translating Science Into Practice: The Perspective of the Doha 2019 IAAF World Championships in the Heat. 2019 , 1, 39	16
413	Precooling's Effect on American Football Skills. 2019 , 33, 2616-2621	1
412	Two Distinct Types of Sweat Profile in Healthy Subjects While Exercising at Constant Power Output Measured by a Wearable Sweat Sensor. 2019 , 9, 17877	6
411	Resettable skin interfaced microfluidic sweat collection devices with chemesthetic hydration feedback. 2019 , 10, 5513	39
410	INDIVIDUALIZED HYDRATION PLANS FOR ULTRADISTANCE ENDURANCE ATHLETES. 2019 , 23, 27-31	
409	Intermittent sprint performance in the heat is not altered by augmenting thermal perception via L-menthol or capsaicin mouth rinses. 2019 , 119, 653-664	12
408	Total body water and water compartments assessment in athletes: Validity of multi-frequency bioelectrical impedance. 2019 , 34, e307-e313	1
407	Exercise Testing and Prescription for Pregnant Women. 2019 , 183-230	1
406	Reliability of a wearable sweat rate monitor and routine sweat analysis techniques under heat stress in females. 2019 , 79, 209-217	5
405	The effect of different post-exercise beverages with food on ad libitum fluid recovery, nutrient provision, and subsequent athletic performance. 2019 , 201, 22-30	1
404	Soft drink consumption during and following exercise in the heat elevates biomarkers of acute kidney injury. 2019 , 316, R189-R198	33
403	Short sleep duration is associated with inadequate hydration: cross-cultural evidence from US and Chinese adults. 2019 , 42,	11
402	Temperature of water ingested before exercise alters the onset of physiological heat loss responses. 2019 , 316, R13-R20	6
401	Impact of Ad Libitum Versus Programmed Drinking on Endurance Performance: A Systematic Review with Meta-Analysis. 2019 , 49, 221-232	17

400	Factors influencing hydration status during a National Collegiate Athletics Association division 1 soccer preseason. 2019 , 22, 624-628	9
399	Fluid balance and thermoregulatory responses of competitive triathletes. 2019 , 79, 69-72	7
398	Latex glove industry: Prevalence of heat-related illness among Malaysian workers. 2019 , 29, 172-176	0
397	Nutrition in Combat Sports. 2019 , 109-122	3
396	Nutrition for Ultraendurance Exercise. 2019 , 521-531	
395	Hydration for Athletic Performance. 2019 , 533-543	
394	Water. 2019 , 545-554	1
393	Effects of hydration status during heat acclimation on plasma volume and performance. 2019 , 29, 189-199	18
392	Nutrition, hydration and ergogenic aids strategies in ultraendurance mountain events. 2019 , 59, 791-797	10
391	Exercise intensity effects on total sweat electrolyte losses and regional vs. whole-body sweat [Na], [Cl], and [K]. 2019 , 119, 361-375	33
390	Importance of sample volume to the measurement and interpretation of plasma osmolality. 2019 , 33, e22727	4
389	Application of evidence-based recommendations for heat acclimation: Individual and team sport perspectives. 2019 , 6, 37-49	26
388	The acute effect of training fire exercises on fire service instructors. 2019 , 16, 27-40	5
387	Assessment of urinary protein composition in response to consecutive days of wildland firefighting. 2019 , 25, 27-34	2
386	Effects of controlled dehydration on sleep quality and quantity: A polysomnographic study in healthy young adults. 2019 , 28, e12662	5
385	Validity and Reliability of an On-Court Fitness Test for Assessing and Monitoring Aerobic Fitness in Squash. 2019 , 33, 1400-1407	5
384	Hydration status, total water intake and subjective feelings of adolescents living in a hot environment, during a typical school day. 2019 , 33,	3
383	Pre-exercise hypohydration prevalence in soccer players: A quantitative systematic review. 2020 , 20, 744-755	7

382	Heat acclimation attenuates the increased sensations of fatigue reported during acute exercise-heat stress. 2019 , 7, 178-190	5
381	Belief in the need for sodium supplementation during ultramarathons remains strong: findings from the Ultrarunners Longitudinal TRacking (ULTRA) study. 2020 , 45, 118-122	
380	Prolonged treadmill running in normobaric hypoxia causes gastrointestinal barrier permeability and elevates circulating levels of pro- and anti-inflammatory cytokines. 2020 , 45, 376-386	8
379	Weight loss behaviors in Brazilian mixed martial arts athletes. 2020 , 16, 117-122	8
378	Impact of Pre-exercise Hypohydration on Aerobic Exercise Performance, Peak Oxygen Consumption and Oxygen Consumption at Lactate Threshold: A Systematic Review with Meta-analysis. 2020 , 50, 581-596	9
377	Beverage based on whey permeate with phenolic extract of jaboticaba peel: A pilot study on effects on muscle and oxidative stress in trained individuals. 2020 , 65, 103749	7
376	Fat Oxidation Rate as a Function of Plasma Lipid and Hormone Response in Endurance Athletes. 2020 , 34, 104-113	
375	Effect of a Carbohydrate-Electrolyte Solution on Fluid Balance and Performance at a Thermoneutral Environment in International-Level Fencers. 2020 , 34, 152-161	2
374	Mass Participation Endurance Event Coverage. 2020 , 39-54	
373	The Effect of Personal Protective Equipment on Firefighter Occupational Performance. 2020 , 34, 2165-2172	10
372	Reduced inflammatory and phagocytotic responses following normobaric hypoxia exercise despite evidence supporting greater immune challenge. 2020 , 45, 628-640	0
371	Dehydration and persistence hunting in Homo erectus. 2020 , 138, 102682	2
370	Sweat Loss and Fluid Intake of Female Varsity Ice Hockey Players During On-Ice Practices and Games. 2020 , 34, 389-395	3
369	Hydration Influence on the Autonomic Recovery of the Coronary Diseases Patient: Geometric Indices Analysis. 2020 , 1-10	
368	Sodium Ingestion Improves Groundstroke Performance in Nationally-Ranked Tennis Players: A Randomized, Placebo-Controlled Crossover Trial. 2020 , 7, 549413	1
367	Physiological factors characterizing heat-vulnerable older adults: A narrative review. 2020 , 144, 105909	31
366	Basic Nutrition for Sports Participation, Part 1: Diet Composition, Macronutrients, and Hydration. 2020 , 19, 389-391	1
365	Impact of Nuun Electrolyte Tablets on Fluid Balance in Active Men and Women. 2020 , 12,	1

364	Pain Across the Menstrual Cycle: Considerations of Hydration. 2020 , 11, 585667	0
363	Chemically Activated Cooling Vest's Effect on Cooling Rate Following Exercise-Induced Hyperthermia: A Randomized Counter-Balanced Crossover Study. 2020 , 56,	1
362	Cross-validation of equations to predict whole-body sweat sodium concentration from regional measures during exercise. 2020 , 8, e14524	5
361	Addition of an Alginate Hydrogel to a Carbohydrate Beverage Enhances Gastric Emptying. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1785-1792	1.2 8
360	Exercise-Associated Muscle Cramps in the Tennis Player. 2020 , 13, 612-621	3
359	Nutrition for sport and physical activity. 2020 , 101-120	1
358	Effects of Field Position on Fluid Balance and Electrolyte Losses in Collegiate Women's Soccer Players. 2020 , 56,	2
357	The Optimal Weight Carriage System for Runners: Comparison Between Handheld Water Bottles, Waist Belts, and Backpacks. 2020 , 11, 571221	0
356	Reviewing the current methods of assessing hydration in athletes. 2020 , 17, 52	12
355	Document analysis of exertional heat illness policies and guidelines published by sports organisations in Victoria, Australia. 2020 , 6, e000591	7
354	Effects of Dehydration on Archery Performance, Subjective Feelings and Heart Rate during a Competition Simulation. 2020 , 5,	5
353	Thermoregulatory and metabolic responses to a half-marathon run in hot, humid conditions. 2020 , 93, 102734	3
352	Influence of hydration status on cardiovascular magnetic resonance myocardial T1 and T2 relaxation time assessment: an intraindividual study in healthy subjects. 2020 , 22, 63	7
351	Effects of acute aerobic, resistance and combined exercises on 24-h glucose variability and skeletal muscle signalling responses in type 1 diabetics. 2020 , 120, 2677-2691	4
350	Post-Exercise Sweat Loss Estimation Accuracy of Athletes and Physically Active Adults: A Review. 2020 , 8,	2
349	Measuring the physiological impact of extreme heat on lifeguards during cardiopulmonary resuscitation. Randomized simulation study. 2020 , 38, 2019-2027	1
348	Skin-interfaced microfluidic system with personalized sweating rate and sweat chloride analytics for sports science applications. 2020 , 6,	32
347	Fundamental Concepts of Human Thermoregulation and Adaptation to Heat: A Review in the Context of Global Warming. 2020 , 17,	9

346	Two isothermal challenges yield comparable physiological and subjective responses. 2020 , 120, 2761-2772	1
345	A 24 hour naproxen dose on gastrointestinal distress and performance during cycling in the heat. 2020 , 2, 19-24	1
344	Relationship Between Bioimpedance Vector Displacement and Renal Function After a Marathon in Non-elite Runners. 2020 , 11, 352	6
343	Impact of Nutrient Intake on Hydration Biomarkers Following Exercise and Rehydration Using a Clustering-Based Approach. 2020 , 12,	2
342	A Field Evaluation of Construction Workers' Activity, Hydration Status, and Heat Strain in the Extreme Summer Heat of Saudi Arabia. 2020 , 64, 522-535	8
341	Hydration Efficacy of a Milk Permeate-Based Oral Hydration Solution. 2020 , 12,	4
340	Nutrition-Related Adverse Outcomes in Endurance Sports Competitions: A Review of Incidence and Practical Recommendations. 2020 , 17,	6
339	Diagnostic accuracy of urinary indices to detect mild dehydration in young men following acute riboflavin, Vitamin C or beetroot supplementation. 2020 , 37, 129-133	0
338	A Hydrogel Drink With High Fructose Content Generates Higher Exogenous Carbohydrate Oxidation and Lower Dental Biofilm pH Compared to Two Other, Commercially Available, Carbohydrate Sports Drinks. 2020 , 7, 88	5
337	The accurate prediction of sweat rate from energy expenditure and air temperature: a proof-of-concept study. 2020 , 45, 1299-1305	3
336	High-fructose corn syrup-sweetened soft drink consumption increases vascular resistance in the kidneys at rest and during sympathetic activation. 2020 , 318, F1053-F1065	10
335	Skeletal Muscle Protein Composition Adaptations to 10 Weeks of High-Load Resistance Training in Previously-Trained Males. 2020 , 11, 259	8
334	Effects of Casein Hydrolysate Ingestion on Thermoregulatory Responses in Healthy Adults during Exercise in Heated Conditions: A Randomized Crossover Trial. 2020 , 12,	1
333	Effects of skim milk and isotonic drink consumption before exercise on fluid homeostasis and time-trial performance in cyclists: a randomized cross-over study. 2020 , 17, 17	0
332	Which are the Nutritional Supplements Used by Beach-Volleyball Athletes? A Cross-Sectional Study at the Italian National Championship. 2020 , 8,	2
331	A simple method of enrichment of honey powder with phytochemicals and its potential application in isotonic drink industry. 2020 , 125, 109204	6
330	Potential Biomarkers of Peripheral and Central Fatigue in High-Intensity Trained Athletes at High-Temperature: A Pilot Study with (Bitter Melon). 2020 , 2020, 4768390	3
329	Assessment of Dietary Intake and Nutritional Status in CrossFit-Trained Individuals: A Descriptive Study. 2020 , 17,	7

328	Considerations for Standardizing Fluid Station Practices Among Road Races. 2020 , 42, 39-44	0
327	Prevalence of salt rich fast food consumption: A focus on physical activity and incidence of hypertension among female students of Saudi Arabia. 2020 , 27, 2669-2673	3
326	Acute Kidney Injury Biomarker Responses to Short-Term Heat Acclimation. 2020 , 17,	7
325	Both hyperthermia and dehydration during physical work in the heat contribute to the risk of acute kidney injury. 2020 , 128, 715-728	24
324	Physiological mechanisms determining eccrine sweat composition. 2020 , 120, 719-752	51
323	Reliability and agreement of human renal and segmental artery hemodynamics measured using Doppler ultrasound. 2020 , 128, 627-636	5
322	Nutrition for Female Soccer Players-Recommendations. 2020 , 56,	6
321	Biological variation of arginine vasopressin. 2020 , 120, 635-642	2
320	Effect of exercise on key pharmacokinetic parameters related to metformin absorption in healthy humans: A pilot study. 2020 , 30, 858-864	2
319	Comment on: "The Utility of Thirst as a Measure of Hydration Status Following Exercise-Induced Dehydration". 2020 , 12,	
318	Dietary Intake, Hydration Status, and Body Composition of Three Belgian Military Groups. 2020 , 185, e1175-e1182	3
317	Changes in quadriceps femoris muscle perfusion following different degrees of cold-water immersion. 2020 , 128, 1392-1401	9
316	Does β -adrenergic receptor blockade modulate sweating during incremental exercise in young endurance-trained men?. 2020 , 120, 1123-1129	3
315	Exercise-Associated Collapse. 2020 , 27-37	
314	Low-Osmolality Carbohydrate-Electrolyte Solution Ingestion Avoid Fluid Loss and Oxidative Stress After Exhaustive Endurance Exercise. 2020 , 9,	2
313	Validity of a wearable sweat rate monitor and routine sweat analysis techniques using heat acclimation. 2020 , 90, 102577	1
312	Human thermoregulation during prolonged exposure to warm and extremely humid environments expected to occur in disabled submarine scenarios. 2020 , 318, R950-R960	2
311	Aerobic Exercise Performance During Load Carriage and Acute Altitude Exposure. 2020 , 34, 946-951	0

310	Dietary supplementation with New Zealand blackcurrant extract enhances fat oxidation during submaximal exercise in the heat. 2020 , 23, 908-912	3
309	The Validity of Urine Color as a Hydration Biomarker within the General Adult Population and Athletes: A Systematic Review. 2021 , 40, 172-179	4
308	Energy Drink before Exercise Did Not Affect Autonomic Recovery Following Moderate Aerobic Exercise: A Crossover, Randomized and Controlled Trial. 2021 , 40, 280-286	3
307	Hydration for health hypothesis: a narrative review of supporting evidence. 2021 , 60, 1167-1180	16
306	An investigation of dietary intake, nutrition knowledge and hydration status of Gaelic Football players. 2021 , 60, 1465-1473	6
305	Acute exposure to a hot ambient temperature reduces energy intake but does not affect gut hormones in men during rest. 2021 , 125, 951-959	0
304	Common body temperature sites provide invalid measures of body core temperature in hyperthermic humans wearing American football uniforms. 2021 , 8, 166-175	1
303	Kidney physiology and pathophysiology during heat stress and the modification by exercise, dehydration, heat acclimation and aging. 2021 , 8, 108-159	3
302	Body mapping of regional sweat distribution in young and older males. 2021 , 121, 109-125	8
301	American football uniforms elicit thermoregulatory failure during a heat tolerance test. 2021 , 8, 245-253	3
300	Comparison of hot water immersion at self-adjusted maximum tolerable temperature, with or without the addition of salt, for rapid weight loss in mixed martial arts athletes. 2021 , 38, 89-96	1
299	Intermittent post-exercise sauna bathing improves markers of exercise capacity in hot and temperate conditions in trained middle-distance runners. 2021 , 121, 621-635	4
298	Thirst perception exacerbates objective mental fatigue. 2021 , 150, 107686	0
297	Systemic but not local rehydration restores dehydration-induced changes in pulmonary function in healthy adults. 2021 , 130, 517-527	0
296	Predicted sweat rates for group water planning in sport: accuracy and application. 2021 , 38, 253-260	0
295	UEFA expert group statement on nutrition in elite football. Current evidence to inform practical recommendations and guide future research. 2021 , 55, 416	35
294	Heat strain in children during unstructured outdoor physical activity in a continental summer climate. 2020 , 8, 80-89	1
293	Connectivity of public open space: its meaning for different functions. 2021 , 26, 279-295	1

292	Hydration for the Tokyo Olympics: to thirst or not to thirst?. 2021 , 55, 410-411	4
291	Efficacy of ice slurry and carbohydrate-electrolyte solutions for firefighters. 2021 , 63, e12263	1
290	Physiological Responses to Outdoor Recreation: How it Can Help you Prepare your Outdoor Activity and How to Intervene.	
289	Key Nutritional Considerations for Youth Winter Sports Athletes to Optimize Growth, Maturation and Sporting Development. 2021 , 3, 599118	4
288	Inside the Belly of a Beast: Individualizing Nutrition for Young, Professional Male Rugby League Players: A Review. 2020 , 31, 73-89	1
287	The effect of sweat sample storage condition on sweat content. 2021 , 8, 254-261	0
286	Examination of Body Mass Changes Among Division I Collegiate Football Players With Sickle Cell Trait. 2021 , 1-6	
285	Placebo Effect of Caffeine on Substrate Oxidation during Exercise. 2021 , 13,	0
284	Assessing Overall Exercise Recovery Processes Using Carbohydrate and Carbohydrate-Protein Containing Recovery Beverages. 2021 , 12, 628863	3
283	Feasibility Study of an Educational Intervention to Improve Water Intake in Adolescent Soccer Players: A Two-Arm, Non-Randomized Controlled Cluster Trial. 2021 , 18,	1
282	Low Energy Availability with and without a High-Protein Diet Suppresses Bone Formation and Increases Bone Resorption in Men: A Randomized Controlled Pilot Study. 2021 , 13,	0
281	Hydration and cooling in elite athletes: relationship with performance, body mass loss and body temperatures during the Doha 2019 IAAF World Athletics Championships. 2021 , 55, 1335-1341	10
280	Histamine, mast cell tryptase and post-exercise hypotension in healthy and collapsed marathon runners. 2021 , 121, 1451-1459	0
279	Reliability of Three Urine Specific Gravity Meters Measuring Brix and Urine Solutions at Different Temperatures. 2021 ,	1
278	Rehydration during Endurance Exercise: Challenges, Research, Options, Methods. 2021 , 13,	2
277	Cardiac-autonomic and hemodynamic responses to a hypertonic, sugar-sweetened sports beverage in physically active men. 2021 , 46, 1189-1195	3
276	Textile Chemical Sensors Based on Conductive Polymers for the Analysis of Sweat. 2021 , 13,	12
275	Evaluation of Fluid Loss and Customary Fluid Intake among a Selected Group of Young Swimmers: A Preliminary Field Study. 2021 , 18,	

274	Effect of a Simulated Heat Wave on Physiological Strain and Labour Productivity. 2021 , 18,	15
273	Effect of oral rehydration solution versus spring water intake during exercise in the heat on muscle cramp susceptibility of young men. 2021 , 18, 22	0
272	Estimation of cardiovascular drift through ear temperature during prolonged steady-state cycling: a study protocol. 2021 , 7, e000907	0
271	Menstrual phase and ambient temperature do not influence iron regulation in the acute exercise period. 2021 , 320, R780-R790	4
270	Hydration Status, Fluid Intake, Sweat Rate, and Sweat Sodium Concentration in Recreational Tropical Native Runners. 2021 , 13,	1
269	A Subset of Primary Polydipsia, "Dipsogneic Diabetes Insipidus", in Apparently Healthy People Due to Excessive Water Intake: Not Enough Light to Illuminate the Dark Tunnel. 2021 , 9,	0
268	Heat Injury in Open-Water Swimming: A Narrative Review. 2021 , 20, 193-198	1
267	Reliability of salivary cortisol and testosterone to a high-intensity cycling protocol to highlight overtraining. 2021 , 39, 2080-2086	0
266	Resistance training rejuvenates the mitochondrial methylome in aged human skeletal muscle.	
265	Vagal reactivation after a cardiac rehabilitation session associated with hydration in coronary artery disease patients: crossover clinical trial. 2021 , 11, 10482	
264	A Case-Series Observation of Sweat Rate Variability in Endurance-Trained Athletes. 2021 , 13,	2
263	Bioelectrical Impedance Vector Analysis: A Valuable Tool to Monitor Daily Body Hydration Dynamics at Altitude. 2021 , 18,	1
262	Inflammation-Related Factors Identified as Biomarkers of Dehydration and Subsequent Acute Kidney Injury in Agricultural Workers. 2021 , 23, 676-688	2
261	Effects of Isomaltulose Ingestion on Thermoregulatory Responses during Exercise in a Hot Environment. 2021 , 18,	1
260	Influence of Personal Protective Equipment on Wildland Firefighters' Physiological Response and Performance during the Pack Test. 2021 , 18,	3
259	Body composition associations with muscle strength in older adults living in Auckland, New Zealand. 2021 , 16, e0250439	6
258	Effects of Motor-Games-Based Concurrent Training Program on Body Composition Indicators of Chilean Adults with Down Syndrome. 2021 , 13, 5737	1
257	When physical activity meets the physical environment: precision health insights from the intersection. 2021 , 26, 68	3

256	Nutritional Considerations for Female Athletes in Weight Category Sports. 2021 , 1-13	4
255	Impact of Nutrition-Based Interventions on Athletic Performance during Menstrual Cycle Phases: A Review. 2021 , 18,	2
254	Comparisons of isomaltulose, sucrose, and mixture of glucose and fructose ingestions on postexercise hydration state in young men. 2021 , 60, 4519-4529	2
253	The role of age in the physiological adaptations and psychological responses in bikini-physique competitor contest preparation: a case series. 2021 , 18, 45	0
252	ABC of prescribing exercise as medicine: a narrative review of the experiences of general practitioners and patients. 2021 , 7, e001050	3
251	Noninvasive Estimation of Hydration Status in Athletes Using Wearable Sensors and a Data-Driven Approach Based on Orthostatic Changes. 2021 , 21,	0
250	A Portable Biodevice to Monitor Salivary Conductivity for the Rapid Assessment of Fluid Status. 2021 , 11,	0
249	Occupational Heat Stress: Multi-Country Observations and Interventions. 2021 , 18,	13
248	Contribution of Dietary Composition on Water Turnover Rates in Active and Sedentary Men. 2021 , 13,	0
247	Workshift Changes in Hydration Status During Wildfire Suppression. 2021 , 63, 963-969	0
246	Thermoregulation is not impaired in breast cancer survivors during moderate-intensity exercise performed in warm and hot environments. 2021 , 9, e14968	
245	Effects of High-Volume versus High-Load Resistance Training on Skeletal Muscle Growth and Molecular Adaptations.	
244	The Impacts of Sun Exposure on Worker Physiology and Cognition: Multi-Country Evidence and Interventions. 2021 , 18,	11
243	Potential Assessment of Dehydration during High-Intensity Training Using a Capacitance Sensor for Oral Mucosal Moisture: Evaluation of Elite Athletes in a Field-Based Survey. 2021 , 9, 196	1
242	Hydration to Maximize Performance and Recovery: Knowledge, Attitudes, and Behaviors Among Collegiate Track and Field Throwers. 2021 , 79, 111-122	0
241	Proposed framework for forecasting heat-effects on motor-cognitive performance in the Summer Olympics. 2021 , 8, 262-283	2
240	Sex differences in adaptation to intermittent post-exercise sauna bathing in trained middle-distance runners. 2021 , 7, 51	2
239	Hydration Status in Adolescent Alpine Skiers During a Training Camp. 2021 , 79, 55-63	1

238	The Impact of a Nutritional Intervention Program on Eating Behaviors in Italian Athletes. 2021 , 18,	
237	Hydration, Eating Attitudes and Behaviors in Age and Weight-Restricted Youth American Football Players. 2021 , 13,	1
236	Relationships between heart rate variability and indirect indicators of hydration status in elite male field hockey players. 174795412110415	
235	Assessment of Sport Nutrition Knowledge, Dietary Practices, and Sources of Nutrition Information in NCAA Division III Collegiate Athletes. 2021 , 13,	3
234	Personalized fluid and fuel intake for performance optimization in the heat. 2021 , 24, 735-738	2
233	The Impact of Environmental Conditions on Player Loads During Preseason Training Sessions in Women's Soccer Athletes. 2021 , 35, 2775-2782	
232	Provision of instructions to drink ad libitum or according to thirst sensation: impact during 120 km of cycling in the heat in men. 2021 ,	1
231	Relationships Between WUT (Body Weight, Urine Color, and Thirst Level) Criteria and Urine Indices of Hydration Status. 2021 , 19417381211038494	1
230	Portuguese Football Federation consensus statement 2020: nutrition and performance in football. 2021 , 7, e001082	3
229	Exercise hyperthermia induces greater changes in gastrointestinal permeability than equivalent passive hyperthermia. 2021 , 9, e14945	2
228	Resistance training rejuvenates the mitochondrial methylome in aged human skeletal muscle. 2021 , 35, e21864	6
227	Recommendations and Nutritional Considerations for Female Athletes: Health and Performance. 2021 , 51, 43-57	6
226	ACSM Expert Consensus Statement on Exertional Heat Illness: Recognition, Management, and Return to Activity. 2021 , 20, 470-484	10
225	Hypohydration produced by high-intensity intermittent running increases biomarkers of renal injury in males. 2021 , 121, 3485-3497	0
224	How much water is in a mouthful, and how many mouthfuls should I drink? A laboratory exercise to help students understand developing a hydration plan. 2021 , 45, 589-593	
223	Exercise-Induced Salivary Hormone Responses to High-Intensity, Self-Paced Running. 2021 , 1-9	1
222	Sensory Perception of an Oral Rehydration Solution during Exercise in the Heat. 2021 , 13,	
221	Myofibril and Mitochondrial Area Changes in Type I and II Fibers Following 10 Weeks of Resistance Training in Previously Untrained Men. 2021 , 12, 728683	3

220	Exercise under heat stress: thermoregulation, hydration, performance implications, and mitigation strategies. 2021 , 101, 1873-1979	29
219	Does the Nutritional Composition of Dairy Milk Based Recovery Beverages Influence Post-exercise Gastrointestinal and Immune Status, and Subsequent Markers of Recovery Optimisation in Response to High Intensity Interval Exercise?. 2020 , 7, 622270	2
218	Different Waters for Different Performances: Can We Imagine Sport-Related Natural Mineral Spring Waters?. 2021 , 13, 166	1
217	Estimates of fluid intake, urine output and hydration-levels in women from Somaliland: a cross-sectional study. 2021 , 10, e66	2
216	Competition Nutrition. 200-209	1
215	Fluids and Electrolytes. 59-65	1
214	Climate Change and Heat Exposure: Impact on Health in Occupational and General Populations. 2020 , 225-261	3
213	Predisposing Factors for Exertional Heat Illness. 2020 , 29-57	3
212	The role of sampling in wearable sweat sensors. 2020 , 212, 120801	52
211	Heart Rate Variability in College Football Players throughout Preseason Camp in the Heat. 2020 , 41, 589-595	4
210	Burden of Injury and Illness in the Road Race Medical Tent: A Narrative Review. 2021 , 31, e499-e505	2
209	Wearable Sweat Rate Sensors. 2020 ,	1
208	Impairment of Thermoregulation and Performance via Mild Dehydration in Ice Hockey Goaltenders. 2020 , 15, 833-840	2
207	New Perspectives on Risk Factors for Exertional Heat Stroke. 2020 , 9, 64-71	1
206	Effects of a 24-h naproxen dose on hydration and electrolyte measures during moderate-intensity cycling in the heat. 2017 , 2, 819-832	2
205	Nutritional and Health Aspects of Sweeteners. 2012 , 329-366	3
204	Hydration and Performance. 2013 , 269-296	1
203	Principles of Sports Nutrition. 2014 , 23-66	1

202	Running pace decrease during a marathon is positively related to blood markers of muscle damage. 2013 , 8, e57602	58
201	Physiological tolerance times while wearing explosive ordnance disposal protective clothing in simulated environmental extremes. 2014 , 9, e83740	27
200	Validity of hydration non-invasive indices during the weightcutting and official weigh-in for Olympic combat sports. 2014 , 9, e95336	29
199	Anthropometric and Three-Compartment Body Composition Differences between Super League and Championship Rugby League Players: Considerations for the 2015 Season and Beyond. 2015 , 10, e0133188	25
198	Multiple Days of Heat Exposure on Firefighters' Work Performance and Physiology. 2015 , 10, e0136413	19
197	Nível de desidratação após treinamento de ciclismo indoor. 2014 , 20, 320-325	2
196	Modificações dietéticas, reposição hídrica, suplementos alimentares e drogas: comprovação de ação ergogênica e potenciais riscos para a saúde. 2009 , 15, 2-12	11
195	Effects of water ingestion throughout exercise and recovery on cardiac autonomic modulation during and after exercise. 2016 , 22, 174-182	1
194	Weight loss practice, nutritional status, bone health, and injury history: A profile of professional jockeys in Korea. 2018 , 22, 27-34	7
193	Effects of High and Low Concentration Carbohydrate Solutions on Endurance Performance Consumed Prior to and During Intense, Intermittent Exercise. 2011 , 15, 62-67	1
192	Development of a beetroot-based nutritional gel containing high content of bioaccessible dietary nitrate and antioxidants. 2016 , 67, 153-60	9
191	Personalized hydration status in endurance and ultra-endurance: A review. 2020 , 13, 197-214	2
190	A Survey on Dietary Supplement Consumption in Amateur and Professional Rugby Players. 2020 , 10,	6
189	The 4R's Framework of Nutritional Strategies for Post-Exercise Recovery: A Review with Emphasis on New Generation of Carbohydrates. 2020 , 18,	7
188	Extreme endurance and the metabolic range of sustained activity is uniquely available for every human not just the elite few. 2015 , 11, 1-7	10
187	Assessment of Nutritional Knowledge, Dietary Habits and Nutrient Intake of University Student Athletes. 2015 , 14, 293-299	6
186	Comparison of Refractometry, Urine Color, and Urine Reagent Strips to Urine Osmolality for Measurement of Urinary Concentration. 2009 , 1, 267-271	9
185	Serum Creatine Kinase Levels in Division II National Collegiate Athletic Association Football Players During Preseason. 2017 , 9, 217-224	1

184	Integraci3n de la prevenci3n en el dise1o de obras de construcci3n: relaci3n con la siniestralidad laboral, an1lisis de su regulaci3n normativa, bases conceptuales y desarrollo internacional. 2013 , 65, 325-334	4
183	Review Ergogenic Effect of Long Jack,. 2016 , 10, 139-142	7
182	Milk: An Alternative Beverage for Hydration?. 2015 , 06, 547-554	5
181	Effect of Liquid versus Ice Slurry Ingestion on Core Temperature during Simulated Mining Conditions. 2016 , 06, 21-30	4
180	Effect of Environmental Temperature and Humidity on Permethrin Biomarkers of Exposure in U.S. Soldiers Wearing Permethrin-Treated Uniforms. 2020 , 102, 1455-1462	3
179	A pilot study on how do elite surfski paddlers manage their effort and hydration pattern in the heat. 2014 , 31, 283-8	4
178	Self-hydration and thermoregulatory processes of average-level paddlers during international surfski events in a tropical climate. 2015 , 32, 329-332	3
177	Effects of Half-Time Cooling Using a Fan with Skin Wetting on Thermal Response During Intermittent Cycling Exercise in the Heat. 2021 , 5, E91-E98	0
176	Simultaneous assessment of motor and cognitive tasks reveals reductions in working memory performance following exercise in the heat.	
175	Hydration Is More Important Than Exogenous Carbohydrate Intake During Push-to-the-Finish Cycle Exercise in the Heat. 2021 , 3, 742710	1
174	Impact of Optimal Timing of Intake of Multi-Ingredient Performance Supplements on Sports Performance, Muscular Damage, and Hormonal Behavior across a Ten-Week Training Camp in Elite Cyclists: A Randomized Clinical Trial. 2021 , 13,	1
173	Automated urine sediment analyzers underestimate the severity of hematuria in glomerular diseases. 2021 , 11, 20981	0
172	Endurance Training. 2009 , 317-352	
171	Fluids, Electrolytes, and Hydration. 2009 , 253-266	
170	Hydration. 2009 , 145-165	
169	Endurance Performance. 2009 , 201-233	
168	Sportern1hrung. 2010 , 913-923	
167	Nutrition, Pharmacology, and Psychology in Sports. 2010 , 399-461	

166 You Asked For It. **2010**, 14, 6-8

165 Estimation of Food and Nutrient Intakes of Athletes. **2010**, 3-50

164 Estimation of Food and Nutrient Intakes of Athletes. **2010**, 51-70

163 Author's Reply. **2010**, 45, 548-548

78

162 Medical Issues in the Athlete. **2011**, 7-21

161 Exercise Performance. 387-417

160 Perda de eletrólitos durante uma competiçã de duatlo terrestre no calor. **2011**, 25, 215-223

159 Nutrition Practice of the Race Across America Winner: A Case Report. **2012**, 1103-1108

158 Avaliaçã do estado hidroeletrólítico de criançãs praticantes de exercçio fãico e recomendaçã de hidrataçã. **2011**, 33, 773-786

157 Nutrition for Technical and Skill-Based Training. 173-187

156 Population Groups: I. 316-334

155 Nutrient Timing Programs in Sport: A Case Study Approach. **2011**, 223-250

154 References. 239-263

153 Nutrition for the Elite Athlete. **2013**, 163-176

1

152 La nutrition sportive des jeunes athlètes. **2013**, 18, 203-205

151 Evaluaciã de la predicciã de aceleraciones debidas al trãnsito peatonal en una pasarela en servicio. **2013**, 65, 335-348

0

150 Nutritional Guidelines and Energy Needs for the Female Athlete: Preventing Low Energy Availability and Functional Amenorrhea Through Diet. **2014**, 463-489

1

149 Sugar-Sweetened Beverages and Hydration. **2014**, 277-291

- 148 Effects of active drinking practices on fluid consumption and sweat rate while exercising in a hot environment. **2014**, 18, 215-23
- 147 Chapter 24: Sports Nutrition and Performance-Enhancing Nutrients and Supplements. **2015**,
- 146 Environment and Fluid Homeostasis at the Pitchside. **2015**, 2925-2934
- 145 Nutrition, Functional Foods, and Exercise: A Review. **2015**, 609-618
- 144 Voedingsleer, vochtbalans en supplementen. **2016**, 15-26
- 143 Response. *Medicine and Science in Sports and Exercise*, **2016**, 48, 2584 1.2
- 142 Nutrition for Fitness and Athletics. **2017**, 353-374
- 141 Differences in surface roughness of nanohybrid composites immersed in varying concentrations of citric acid. **2017**, 50, 102
- 140 Stoffwechselprinzipien der Ernährung. **2018**, 319-356
- 139 Chapter 25: Sports Nutrition and Performance-Enhancing Nutrients and Supplements. **2017**,
- 138 Chapitre 10. La fatigue au tennis. **2018**, 219-235
- 137 Determination of physical, physiological and nutritional parameters of elite athletes in esthetic sports. 6-19
- 136 The Comparison of Walking Performance in Cold and Warm Biologically Conditions in Physiology. **2018**, 1, 1-3
- 135 Hydration Status and 60 m Sprint Performance in Students of Yogyakarta Province, Indonesia. **2018**, 18, 94-100
- 134 Association between hydration status, hydration knowledge and fluid consumption during training among soccer players. **2019**, 23, 23-29 1
- 133 Hydration status in Czech elderly adults: Gender and physical activity differences. **2018**, 48, 167-174 2
- 132 THE DETERMINANT FACTOR OF URINARY STONE FORMATION ON PALM OIL PROCESSING WORKERS AT PTPN VII BETUNG. **2019**, 5,
- 131 Healthy Weight Practices for Child and Adolescent Athletes. **2019**, 48, e286-e289

130 Recommandations nutritionnelles pour le triathlon. **2019**, 36, 153-159

129 Nutrition Strategies for Triathlon. **2020**, 261-287

128 Hydration status and the differences between perceived beverage consumption and objective hydration status indicator in the Czech elite deaf athletes. **2019**, 49, 197-202 1

127 Comparison of hot water immersion at 37.8°C with or without salt for rapid weight loss in mixed martial arts athletes. **2020**, 38, 607-611 3

126 Effects of Hypohydration on Muscular Strength, Endurance, and Power in Women. **2021**, 35, S102-S106

125 Post-Exercise Recovery Strategies in Basketball: Practical Applications Based on Scientific Evidence. **2020**, 799-814 2

124 Farklı Spor Dallarında Spor ve Enerji Kaynaklarının Kullanımı ve Performansa Etkileri. 29-44

123 Influence of Boreznik-1/79 Mineral Water on Anthropometric, Functional and Biochemical Parameters of Professional Basketball Players: Role of Oxidative Stress. **2020**,

122 Effects of Heat Acclimatization, Heat Acclimation, and Intermittent Exercise Heat Training on Time-Trial Performance. **2021**, 19417381211050643 1

121 Extreme Ultra-Trail Race Induces Muscular Damage, Risk for Acute Kidney Injury and Hyponatremia: A Case Report. **2021**, 18, 1

120 The Hydrating Effects of Hypertonic, Isotonic and Hypotonic Sports Drinks and Waters on Central Hydration During Continuous Exercise: A Systematic Meta-Analysis and Perspective. **2021**, 1 1

119 Nutrition and Hydration in Basketball Athletes. **2020**, 65-79

118 Hidrasyonun egzersiz performanslarındaki etkisi ve sıvı alım stratejileri. 386-394

117 Urine Specific Gravity Effect on Total and Segmental Body Composition Validity of Multifrequency Bioelectrical Impedance Analysis Compared With Dual Energy X-Ray Absorptiometry. **2021**, 35, 373-384

116 Effects of Energy Gel Ingestion on Blood Glucose, Lactate, and Performance Measures During Prolonged Cycling. **2020**, 35, 1

115 Role of Honey for Enhancing Performance in Endurance Sports. **2020**, 389-399

114 Ingestion of a moderate dose of alcohol enhances physical exercise-induced changes in blood lactate concentration. **2020**, 53, e9200

113 Influence of the hydration on autonomic modulation and cardiorespiratory parameters of coronary heart disease patients submitted to a cardiovascular rehabilitation session: crossover clinical trial protocol. **2020**, 26,

112	[Analysis of nutritional intake in trail runners during competition]. 2021 , 38, 321-327	0
111	Monitoring physiological responses and fluid balance of elite female beach handball players during an international tournament. 2020 , 24, 86-91	
110	Comparison of a Sucrose-Based and Rice-Based Sports Beverage on Hydration Status During a 19.3-km Foot March in ROTC Cadets.. 2022 , 36, 1105-1110	
109	Influence of Nutrient Intake on 24 Hour Urinary Hydration Biomarkers Using a Clustering-Based Approach. 2020 , 12,	1
108	Chapter 25: Sports Nutrition and Performance-Enhancing Nutrients and Supplements. 2020 ,	
107	Preexercise urine specific gravity and fluid intake during one-hour running in a thermoneutral environment - a randomized cross-over study. 2010 , 9, 464-71	16
106	Effect of the volume of fluid ingested on urine concentrating ability during prolonged heavy exercise in a hot environment. 2013 , 12, 197-204	13
105	Effects of cadence on aerobic capacity following a prolonged, varied intensity cycling trial. 2014 , 13, 114-9	13
104	Hydration Status and Fluid Balance of Elite European Youth Soccer Players during Consecutive Training Sessions. 2014 , 13, 817-22	13
103	Effects of oral sodium supplementation on indices of thermoregulation in trained, endurance athletes. 2015 , 14, 172-8	8
102	Pre-Practice Hydration Status and the Effects of Hydration Regimen on Collegiate Division III Male Athletes. 2015 , 14, 23-8	8
101	Changes in Blood Lactate Levels after a 40-km Endurance March Depend on Fluid Replacements: A Case Study on Korean Military Academy Cadets. 2017 , 46, 270-271	
100	Carbohydrate Mouth Rinse and Hydration Strategies on Cycling Performance in 30 Km Time Trial: A Randomized, Crossover, Controlled Trial. 2018 , 17, 181-187	5
99	No Performance or Affective Advantage of Drinking versus Rinsing with Water during a 15-km Running Session in Female Runners. 2018 , 11, 910-920	1
98	Salivary nitrite content, cognition and power in Mixed Martial Arts fighters after rapid weight loss: a case study. 2016 , 2, 63-69	3
97	Hydration Status and Perception of Fluid Loss in Male and Female University Rugby Union Players. 2019 , 12, 859-870	2
96	Estimation of Body Fat Percentage in Jockeys: Implications for a Weight Category Sport. 2020 , 13, 511-525	4
95	The Effects of Walking with a Load in the Heat on Physiological Responses among Military Reserve Female Cadets. 2020 , 13, 900-911	0

94 Fluid Loss in Recreational Surfers. **2021**, 14, 423-434

93 Physical and Lifestyle Factors Influencing Bone Density in Jockeys: A Comprehensive Update of the Bone Density Status of Irish Jockeys. **2021**, 14, 324-337 1

92 Effect of Stand-Up Paddle Boarding on Hydration Status in Recreational and Competitive Individuals. **2021**, 14, 756-767

91 Hydration Status and Fluid Replacement Strategies of High-Performance Adolescent Athletes: An Application of Machine Learning to Distinguish Hydration Characteristics. **2021**, 13, 0

90 Meta-Analysis of Carbohydrate Solution Intake during Prolonged Exercise in Adults: From the Last 45+ Years' Perspective.. **2021**, 13, 2

89 Changes in Factors Regulating Serum Sodium Homeostasis During Two Ultra-Endurance Mountain Races of Different Distances: 69km vs. 121km. **2021**, 12, 764694 1

88 Evidence that variations in pretraining hydration status are related to the frequency of endurance training in elite adolescent sprinters. **2021**, 61, 1620-1628 0

87 Nutritional approaches to counter performance constraints in high-level sports competition. **2021**, 106, 2304-2323 2

86 Chapitre 13. La préparation « invisible » du joueur de tennis: hydratation, nutrition et stratégies de récupération. **2018**, 266-286

85 Plan de hidratación, efectos sobre la densidad urinaria y la Capacidad Aeróbica en un equipo femenino de fútbol. **2021**, 68, 80-89 0

84 Changes in body mass and hydration status in judo athletes before and after a top-level competition: A descriptive case study.. **2022**, 0

83 Hypohydration but not Menstrual Phase Influences Pain Perception in Healthy Women.. **2022**, 0

82 Wearing lacrosse uniform during exercise-simulated match in heat increases physiological strain index. **2022**, 11, 9-19 1

81 Classic and exertional heatstroke.. **2022**, 8, 8 7

80 Energy Requirements and Nutritional Strategies for Male Soccer Players: A Review and Suggestions for Practice.. **2022**, 14, 0

79 Cognitive Performance Before and Following Habituation to Exercise-Induced Hypohydration of 2 and 4% Body Mass in Physically Active Individuals.. **2022**, 14, 0

78 Cool-Water Immersion Reduces Post-Exercise Quadriceps Femoris Muscle Perfusion more than Cold-Water Immersion.. *Medicine and Science in Sports and Exercise*, **2022**, 1.2

77 Dehydration of nurses working in the day shift and its factors: A multicenter cross-sectional observational study. **2022**, 1, e2021-0007-e2021-0007

76	Body Anthropometrics and Rectal Temperature Cooling Rates in Women With Hyperthermia.. 2022 ,	0
75	Effect of Rapid Weight Loss on Hydration Status and Performance in Elite Judo Athletes.. 2022 , 11,	0
74	Human Hydration Indices: Spot Urine Sample Reference Values for Urine Concentration Markers in Athletic Populations. 2022 , 1, 39-51	0
73	A Non-Invasive Hydration Monitoring Technique Using Microwave Transmission and Data-Driven Approaches.. 2022 , 22,	
72	Changes in the skin characteristics associated with dehydration and rehydration.. 2022 , 1-20	
71	Effects of Sodium Intake on Health and Performance in Endurance and Ultra-Endurance Sports.. 2022 , 19,	0
70	Relationship Between Pre- and Post-exercise Body Mass Changes and Pre-exercise Urine Color in Female Athletes.. 2022 , 4, 791699	0
69	Cultural differences in hydration practices among physically active individuals: a narrative review. 2022 , 19, 150-163	1
68	Segmental bioelectrical impedance spectroscopy: A novel field assessment of muscle size and quality in normal weight and obese older men.. 2022 , 162, 111745	0
67	FARKLI L°GLERDEK° FUTBOLCULARIN VÛT KOMPOZ°SYONU, BESLENME VE H°DRASYON DURUMLARININ SEZON °DÖNEMDE DEERLEND°R°LMES°.	0
66	Impact of Repeated Acute Exposures to Low and Moderate Exercise-Induced Hypohydration on Physiological and Subjective Responses and Endurance Performance.. 2021 , 13,	0
65	Nutritional optimization for female elite football players-topical review. 2021 ,	3
64	Improving hydration in elite male footballers during a national team training camp - an observational case study.. 2021 , 25, 10-16	0
63	The Impact of Marathons on the Recovery of Heart Rate and Blood Pressure in Non-Professional Male Marathoners' (âĀ5 Years).. 2021 , 57,	
62	The Effects of Match Congestion on Physical Performance in Football Referees.. 2021 ,	
61	Sustainable Food Support during an Ultra-Endurance and Mindfulness Event: A Case Study in Spain.. 2021 , 18,	
60	Programmed vs. Thirst-Driven Drinking during Prolonged Cycling in a Warm Environment.. 2021 , 14,	1
59	Table_1.XLSX. 2020 ,	

58 Data_Sheet_1.docx. **2020**,

57 Data_Sheet_1.pdf. **2020**,

56 Effects of Trehalose Solutions at Different Concentrations on High-Intensity Intermittent Exercise Performance.. **2022**, 14, ○

55 Prevalence of Dehydration and the Relationship with Fluid Intake and Self-Assessment of Hydration Status in Czech First League Soccer Players. **2022**, 82, 101-110

54 Addition of in-Play Cooling Breaks During Intermittent Exercise while Wearing Lacrosse Uniforms in the Heat Attenuates Increases in Rectal Temperature. **2022**, 82, 111-121

53 Regional Bioelectrical Phase Angle Is More Informative than Whole-Body Phase Angle for Monitoring Neuromuscular Performance: A Pilot Study in Elite Young Soccer Players. **2022**, 10, 66 ○

52 Hydration Status in Men Working in Different Thermal Environments: A Pilot Study.. **2022**, 19,

51 The Effects of a 2-hour Surfing Session on the Hydration Status of Male Recreational Surfers.. **2021**, 14, 1388-1399

50 Modelling sodium requirements of athletes across a variety of exercise scenarios âidentifying when to test and target, or season to taste.. 1-15 ○

49 Kidney injury risk during prolonged exposure to current and projected wet bulb temperatures occurring during extreme heat events in healthy young men.

48 Exploratory Systematic Review of Mixed Martial Arts: An Overview of Performance of Importance Factors with over 20,000 Athletes. **2022**, 10, 80 ○

47 Fatigue Analysis of Recreational Road Cyclist in Terms of Blood Lactate Concentration and Nutritional Intake. **2022**, 1247-1260

46 Automated Urinal-Based Specific Gravity Measurement Device for Real-Time Hydration Monitoring in Male Athletes. 4, ○

45 Animal Models of Exercise From Rodents to Pythons. **2022**, 130, 1994-2014 ○

44 Case Report: Countermeasures Against Heat and Coronavirus for Japanese Athletes at the Tokyo 2020 Olympics and Paralympic Games. 4, ○

43 Physical demands and physiological strain of American football referees while officiating. 1-10

42 Acute Dehydration Impairs Performance and Physiological Responses in Highly Trained Judo Athletes. **2022**, 11, 872 2

41 Whole and segmental body composition changes during mid-follicular and mid-luteal phases of the menstrual cycle in recreationally active young women. 1-9 ○

40	Comparisons between skeletal muscle imaging techniques and histology in tracking mid thigh hypertrophic adaptations following 10 weeks of resistance training.	1
39	Ad libitum drinking prevents dehydration during physical work in the heat when adhering to occupational heat stress recommendations.	2
38	Rapid weight loss among elite-level judo athletes: methods and nutrition in relation to competition performance. 2022 , 19, 380-396	2
37	Skin-Interfaced Microfluidic System with Machine Learning-Enabled Image Processing of Sweat Biomarkers in Remote Settings. 2200249	4
36	Effect of rapid weight loss incorporating hot salt water immersion on changes in body mass, blood markers, and indices of performance in male mixed martial arts athletes.	1
35	Hypohydration alters pre-frontal cortex haemodynamics, but does not impair motor learning.	
34	Validation of urine colour L*a*b* for assessing hydration amongst athletes. 9,	0
33	The effect of interval and continuous work on markers of acute kidney injury in a hot environment.	0
32	Changes in vastus lateralis fiber cross-sectional area, pennation angle, and fascicle length do not predict changes in muscle cross-sectional area.	0
31	New Insight and Future Perspectives on Nutraceuticals for Improving Sports Performance of Combat Players: Focus on Natural Supplements, Importance and Advantages over Synthetic Ones. 2022 , 12, 8611	1
30	A randomized, cross-over trial assessing effects of beverage sodium concentration on plasma sodium concentration and plasma volume during prolonged exercise in the heat.	0
29	IOC consensus statement on recommendations and regulations for sport events in the heat. bjsports-2022-105942	
28	Habit or lack of education? Hypohydration is present in elite senior judo athletes even during a weight-stable training camp. 174795412211224	0
27	Do the National Institute for Occupational Safety and Health recommendations for working in the heat prevent excessive hyperthermia and body mass loss in unacclimatized males?. 1-7	0
26	Factors influencing performance and injury risk in elite female Gaelic team sport players and future research directions: a narrative review. 2022 , 14,	0
25	The effect of prolonged interval and continuous exercise in the heat on circulatory markers of intestinal barrier integrity.	1
24	Exercise Testing and Prescription in Pregnancy. 2022 , 219-274	0
23	Impact of hydration with beverages containing free sugars or xylitol on metabolic and acute kidney injury markers after physical exercise. 13,	0

22	Explaining variation in sweat sodium concentration: Effect of individual characteristics and exercise, environmental, and dietary factors.	1
21	Skeletal muscle DNA methylation and mRNA responses to a bout of higher versus lower load resistance exercise in previously trained men.	0
20	Assessment of Changes in Physiological Markers in Different Body Fluids at Rest and after Exercise. 2022 , 14, 4685	0
19	Reliability of a 60-min treadmill running protocol in the heat: The journal Temperature toolbox. 1-8	0
18	Skeletal muscle angiogenic, regulatory, and heat shock protein responses to prolonged passive hyperthermia of the human lower limb. 2023 , 324, R1-R14	0
17	The Physiology of Ice Hockey Performance: An Update.	0
16	Cerebral vascular function following the acute consumption of caffeinated artificially- and sugar sweetened soft drinks in healthy adults. 16,	0
15	Analysis of the Consumption of Sports Supplements in Open Water Swimmers According to the Competitive Level. 2022 , 14, 5211	2
14	Worth the wait? Time course of supine shifts in body water compartments on variables of bioelectrical impedance analysis. 2023 , 13, 96-105	0
13	Short hydration education video and hiker fluid selection and consumption at trails, a non-randomized quasi-experimental field study. 026010602211503	0
12	Are the Consumption Patterns of Sports Supplements Similar among Spanish Mountain Runners?. 2023 , 15, 262	2
11	Karate Branşporcularının 9ki Farklı Meabaka İcresi Beslenme ve Hidrasyon Durumlarının Belirlenmesi.	0
10	Comparison between digital and paper urine color to assess hydration status.	0
9	Role of nutrition in human performance in military populations. e002311	0
8	Stratégies de gestion de la chaleur et performances sportives de haut niveau: éclairage psychophysiologique et recommandations appliquées. 2023 ,	0
7	Nutritional Guidelines Including Hydration Recommendations and Energy Needs for the Female Athlete: Preventing Low Energy Availability and Functional Amenorrhea Through Nutritional Therapy. 2023 , 339-361	0
6	International society of sports nutrition position stand: energy drinks and energy shots. 2023 , 20,	1
5	Do Current Pre-Exercise Fluid Recommendations for Athletes Need to be Updated? A Short Review. 2023 , 6,	0

- 4 Physiology of the Wildland Firefighter: Managing Extreme Energy Demands in Hostile, Smoky, Mountainous Environments. 4587-4615
- 3 The association between hydration status and body composition in healthy children and adolescents. **2023**,
- 2 Development of an Instrument to Evaluate the Intake of Liquids, Food and Supplements in Endurance Competitions: Nutritional Intake Questionnaire for Endurance CompetitionsâNIQEC. **2023**, 15, 1969
- 1 Ad-libitum fluid intake was insufficient to achieve euhydration 20 h after intermittent running in male team sports athletes. **2023**, 268, 114227