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**Elevation of creatine in resting and exercised muscle of normal subjects by creatine supplementation**

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867	Supplement Savvy. <b>1994</b> , 22, 29-30		
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865	The influence of dietary creatine supplementation on performance during repeated bouts of maximal isokinetic cycling in man. <b>1994</b> , 69, 268-76		153
864	Creatine in humans with special reference to creatine supplementation. <b>1994</b> , 18, 268-80		237
863	Diet and exercise performance in the horse. <b>1994</b> , 53, 189-206		11
862	Abstracts of Communications. <b>1994</b> , 53, 72A-84A		
861	The use of nutritional ergogenic aids in sports: is it an ethical issue?. <b>1994</b> , 4, 120-31		19
860	Effect of oral creatine supplementation on respiratory gas exchange and blood lactate accumulation during steady-state incremental treadmill exercise and recovery in man. <i>Clinical Science</i> , <b>1994</b> , 87, 707-10	6.5	75
859	Kinetics of creatine uptake in the perfused mouse liver: a <sup>31</sup> P-n.m.r. study of transgenic mice expressing creatine kinase (CKBB) in the liver. <b>1994</b> , 303 ( Pt 2), 531-8		15
858	Recovery of power output and muscle metabolites following 30 s of maximal sprint cycling in man. <b>1995</b> , 482 ( Pt 2), 467-80		234
857	Creatine supplementation and exercise performance. <b>1995</b> , 5, 94-101		52
856	Creatine and its application as an ergogenic aid. <b>1995</b> , 5 Suppl, S100-10		68

855	The effect of creatine monohydrate ingestion on anaerobic power indices, muscular strength and body composition. <b>1995</b> , 153, 207-9	253
854	Effect of creatine supplementation on intramuscular TCr, metabolism and performance during intermittent, supramaximal exercise in humans. <b>1995</b> , 155, 387-95	113
853	Nutritional ergogenics in athletics. <b>1995</b> , 13 Spec No, S63-74	20
852	Creatine supplementation in chronic heart failure increases skeletal muscle creatine phosphate and muscle performance. <b>1995</b> , 30, 413-418	72
851	Effect of creatine on glycation of albumin in vitro. <b>1995</b> , 27, 511-2	4
850	Assessment of mitochondrial function and control in normal and diseased states. <b>1995</b> , 1271, 15-9	20
849	Attenuation by creatine of myocardial metabolic stress in Brattleboro rats caused by chronic inhibition of nitric oxide synthase. <b>1995</b> , 116, 3288-92	14
848	Creatine and Creatine Phosphate. <b>1996</b> , 227-229	4
847	Nutrition for improved sports performance. Current issues on ergogenic aids. <b>1996</b> , 21, 393-401	29
846	The effect of oral creatine supplementation on the 1000-m performance of competitive rowers. <b>1996</b> , 14, 175-9	63
845	Effect of creatine on aerobic and anaerobic metabolism in skeletal muscle in swimmers. <b>1996</b> , 30, 222-5	62
844	Uses of Creatine Phosphate and Creatine Supplementation for the Athlete. <b>1996</b> , 217-226	
843	Carbohydrate ingestion augments skeletal muscle creatine accumulation during creatine supplementation in humans. <b>1996</b> , 271, E821-6	90
842	Effect of oral creatine supplementation on single-effort sprint performance in elite swimmers. <b>1996</b> , 6, 222-33	59
841	Effects of ingesting supplements designed to promote lean tissue accretion on body composition during resistance training. <b>1996</b> , 6, 234-46	35
840	The effect of oral creatine monohydrate supplementation on running velocity. <b>1996</b> , 6, 213-21	59
839	Energy substrates, hormone responses and glucocorticoid binding in lymphocytes during intense physical exercise in humans following phosphocreatine administration. <b>1996</b> , 74, 534-40	8
838	Carbohydrate ingestion augments creatine retention during creatine feeding in humans. <b>1996</b> , 158, 195-202	150

837	The regulation of total creatine content in a myoblast cell line. <i>Molecular and Cellular Biochemistry</i> , <b>1996</b> , 158, 179-88	4.2	61
836	Control of energy metabolism during muscle contraction. <b>1996</b> , 45 Suppl 1, S88-92		12
835	Creatine supplementation: recent developments. <b>1996</b> , 30, 276-7		25
834	Effectiveness versus efficacy of treatment of hypertension for stroke prevention. <b>1996</b> , 46, 301-7		47
833	Chapter 8 Muscle fatigue. <b>1996</b> , 239-280		2
832	Creatine supplementation as an ergogenic aid for sports performance in highly trained athletes: a critical review. <b>1997</b> , 18, 491-6		60
831	Effect of oral creatine supplementation on jumping and running performance. <b>1997</b> , 18, 369-72		47
830	Nutrition Supplements. <b>1997</b> , 25, 76-116		14
829	The effect of oral creatine supplementation on maximal exercise performance in competitive rowers. <b>1997</b> , 7, 243-253		1
828	Creatine supplementation enhances intermittent work performance. <b>1997</b> , 68, 233-40		59
827	The concentration of creatine in meat, offal and commercial dog food. <b>1997</b> , 62, 58-62		44
826	Long-term creatine intake is beneficial to muscle performance during resistance training. <b>1997</b> , 83, 2055-63		341
825	The nutritional biochemistry of creatine. <b>1997</b> , 8, 610-618		59
824	Creatine supplementation enhances muscular performance during high-intensity resistance exercise. <b>1997</b> , 97, 765-70		199
823	A randomized, controlled trial of creatine monohydrate in patients with mitochondrial cytopathies. <b>1997</b> , 20, 1502-9		190
822	Theoretical modelling of some spatial and temporal aspects of the mitochondrion/creatine kinase/myofibril system in muscle. <i>Molecular and Cellular Biochemistry</i> , <b>1998</b> , 184, 249-289	4.2	26
821	Creatine supplementation in health and disease. Effects of chronic creatine ingestion in vivo: Down-regulation of the expression of creatine transporter isoforms in skeletal muscle. <b>1998</b> , 184, 427-437		110
820	Creatine supplementation delays onset of fatigue during repeated bouts of sprint running. <b>1998</b> , 8, 247-51		29

819	Creatine: a review of its nutritional applications in sport. <i>Nutrition</i> , <b>1998</b> , 14, 322-4	4.8	18
818	Effect of creatine supplementation during rapid body mass reduction on metabolism and isokinetic muscle performance capacity. <i>European Journal of Applied Physiology</i> , <b>1998</b> , 78, 83-92	3.4	29
817	Creatine supplementation enhances maximum voluntary isometric force and endurance capacity in resistance trained men. <b>1998</b> , 163, 279-87		81
816	Effects of creatine monohydrate ingestion in sedentary and weight-trained older adults. <b>1998</b> , 164, 147-55		116
815	Energy supply and muscle fatigue in humans. <b>1998</b> , 162, 261-6		222
814	The therapeutic potential of oral creatine supplementation in muscle disease. <b>1998</b> , 51, 333-6		23
813	Is it poor or loss of performance?: the science of explanation. <b>1998</b> , 30, 364-5		3
812	Effets ergogoniques de la créatine. <b>1998</b> , 13, 211-220		7
811	Other ergogenic agents. <b>1998</b> , 17, 283-97		14
810	Bioenergetics of the Cell: Quantitative Aspects. <b>1998</b> ,		2
809	Effect of creatine loading on endurance capacity and sprint power in cyclists. <b>1998</b> , 19, 490-5		32
808	Effect of two different creatine supplementation products on muscular strength and power. <b>1998</b> , 8, 369-383		1
807	Creatine supplementation and exercise performance: an update. <b>1998</b> , 17, 216-34		128
806	Changes in plasma and muscle creatine concentration after increases in supplementary dietary creatine in dogs. <b>1998</b> , 128, 2691S-2693S		13
805	Effects of creatine supplementation on body composition, strength, and sprint performance. <b>1998</b> , 30, 73-82		253
804	Fluid, electrolyte, and acid-base responses to exercise in racehorses. <b>1998</b> , 14, 121-36		23
803	Skeletal muscle phosphocreatine depletion depresses myocellular energy status during sepsis. <b>1998</b> , 133, 1316-21		17
802	The effect of dietary creatine supplementation on skeletal muscle metabolism in congestive heart failure. <b>1998</b> , 19, 617-22		61

801	Creatine supplementation and age influence muscle metabolism during exercise. <b>1998</b> , 85, 1349-56	106
800	Effect of creatine supplementation on sprint exercise performance and muscle metabolism. <b>1998</b> , 84, 1667-73	101
799	Stimulatory effect of insulin on creatine accumulation in human skeletal muscle. <b>1998</b> , 275, E974-9	47
798	Shortening of muscle relaxation time after creatine loading. <b>1999</b> , 86, 840-4	76
797	Effects of creatine supplementation on the energy cost of muscle contraction: a <sup>31</sup> P-MRS study. <b>1999</b> , 87, 116-23	41
796	Creatine supplementation increases muscle total creatine but not maximal intermittent exercise performance. <b>1999</b> , 87, 2244-52	78
795	Diversity in levels of intracellular total creatine and triglycerides in human skeletal muscles observed by (1)H-MRS. <b>1999</b> , 87, 2068-72	81
794	Role of submaximal exercise in promoting creatine and glycogen accumulation in human skeletal muscle. <b>1999</b> , 87, 598-604	123
793	Increase of total creatine in human brain after oral supplementation of creatine-monohydrate. <b>1999</b> , 277, R698-704	79
792	Nutrition and Dietary Supplements. <b>1999</b> , 10, 673-703	19
791	Chronic high-dose creatine feeding does not attenuate left ventricular remodeling in rat hearts post-myocardial infarction. <b>1999</b> , 43, 117-24	18
790	Oral creatine supplementation: separating fact from hype. <b>1999</b> , 27, 47-89	22
789	Nutritional ergogenic aids and exercise performance. <b>1999</b> , 12, 255-80	64
788	Analysis of creatine and creatinine in urine by capillary electrophoresis. <b>1999</b> , 732, 479-85	39
787	Creatine uptake in isolated soleus muscle: kinetics and dependence on sodium, but not on insulin. <b>1999</b> , 166, 99-104	36
786	Supplements in news: creatine. <b>1999</b> , 24, 154-164	
785	Effects of 30 days of creatine ingestion in older men. <b>1999</b> , 80, 139-44	79
784	Effects of training and creatine supplement on muscle strength and body mass. <b>1999</b> , 80, 165-8	61

783	A Review of Creatine Supplementation: Side Effects and Improvements in Athletic Performance. <b>1999</b> , 2, 73-81	6
782	Direct measurement of high-energy phosphate compounds in patients with neuromuscular disease. <b>1999</b> , 22, 1228-33	98
781	Effects of creatine supplementation on exercise performance. <b>1999</b> , 28, 49-60	75
780	Effects of 8 weeks of creatine supplementation on exercise performance and fat-free weight in football players during training. <b>1999</b> , 19, 217-225	35
779	Acute creatine ingestion in human: consequences on serum creatine and creatinine concentrations. <b>1999</b> , 65, 2463-70	43
778	Musculoskeletal rehabilitation and sports medicine. 4. Miscellaneous sports medicine topics. <b>1999</b> , 80, S68-89	4
777	Creatine supplementation. Its role in human performance. <b>1999</b> , 18, 651-66, ix	74
776	Spinocerebellar ataxia type 6: evidence for a strong founder effect among German families. <b>1999</b> , 52, 849-51	29
775	Effects of an omnivorous diet compared with a lactoovovegetarian diet on resistance-training-induced changes in body composition and skeletal muscle in older men. <b>1999</b> , 70, 1032-9	121
774	Effect of Oral Creatine Monohydrate and Creatine Phosphate Supplementation on Maximal Strength Indices, Body Composition, and Blood Pressure. <b>1999</b> , 13, 3-9	
773	The Effects of Creatine Supplementation on Anaerobic Working Capacity. <b>1999</b> , 13, 135-138	
772	Long-Term Effects of Creatine Monohydrate on Strength and Power. <b>1999</b> , 13, 187-192	1
771	Creatine Monohydrate Use Among Elite Australian Power Lifters. <b>2000</b> , 14, 322-327	
770	Role of plasma membrane transporters in muscle metabolism. <b>2000</b> , 349 Pt 3, 667-88	69
769	Nutritional and Pharmacological Ergogenic Aids. 321-341	
768	Absolute and Relative Strength Performance Following Creatine Monohydrate Supplementation Combined With Periodized Resistance Training. <b>2000</b> , 14, 182-190	1
767	Creatine Supplementation. <b>2000</b> , 14, 214-219	
766	The Effect of Creatine Supplementation During Resistance Training in Women. <b>2000</b> , 14, 207-213	

765	The Effect of Creatine Supplementation on Muscle Strength and Body Composition During Off-Season Training in Female Soccer Players. <b>2000</b> , 14, 434-442		2
764	Re: Long-term oral creatine supplementation does not impair renal function in healthy athletes. <b>2000</b> , 32, 248-9		7
763	Creatine supplementation and sprint performance in soccer players. <b>2000</b> , 32, 518-25		74
762	The Effect of Creatine Supplementation on Anaerobic Performance in Moderately Active Men. <b>2000</b> , 14, 75-79		
761	Acute creatine loading increases fat-free mass, but does not affect blood pressure, plasma creatinine, or CK activity in men and women. <b>2000</b> , 32, 291-6		127
760	RE: LONG-TERM ORAL CREATINE SUPPLEMENTATION DOES NOT IMPAIR RENAL FUNCTION IN HEALTHY ATHLETES. <b>2000</b> , 248		1
759	Creatine enhances oxygen uptake and performance during alternating intensity exercise. <b>2000</b> , 32, 379-85		40
758	Effects of oral creatine supplementation on muscular strength and body composition. <b>2000</b> , 32, 654-8		91
757	Potential benefits of creatine monohydrate supplementation in the elderly. <b>2000</b> , 3, 497-502		37
756	American College of Sports Medicine roundtable. The physiological and health effects of oral creatine supplementation. <b>2000</b> , 32, 706-17		280
755	Effect of oral creatine supplementation on isokinetic torque production. <b>2000</b> , 32, 993-6		25
754	Oral creatine supplementation decreases plasma markers of adenine nucleotide degradation during a 1-h cycle test. <b>2000</b> , 170, 217-224		19
753	Contractile Properties, Fatigue and Recovery are not Influenced by Short-Term Creatine Supplementation in Human Muscle. <i>Experimental Physiology</i> , <b>2000</b> , 85, 451-460	2.4	9
752	Sir William Refshauge Lecture 1999. Drugs and nutrition. <b>2000</b> , 3, 339-59		
751	Gender differences in metabolism; nutrition and supplements. <b>2000</b> , 3, 287-98		55
750	Effect of creatine feeding on maximal exercise performance in vegetarians. <i>European Journal of Applied Physiology</i> , <b>2000</b> , 82, 321-5	3-4	34
749	Creatine supplementation alters the response to a graded cycle ergometer test. <i>European Journal of Applied Physiology</i> , <b>2000</b> , 83, 89-94	3-4	38
748	No acute effects of short-term creatine supplementation on muscle properties and sprint performance. <i>European Journal of Applied Physiology</i> , <b>2000</b> , 82, 223-9	3-4	45

747	Creatine and creatinine metabolism. <b>2000</b> , 80, 1107-213	1761
746	Protein- and carbohydrate-induced augmentation of whole body creatine retention in humans. <b>2000</b> , 89, 1165-71	81
745	Does dietary creatine supplementation play a role in skeletal muscle metabolism and performance?. <b>2000</b> , 72, 607S-17S	95
744	Creatine reduces human muscle PCr and pH decrements and P(i) accumulation during low-intensity exercise. <b>2000</b> , 88, 1181-91	26
743	The role of xanthine oxidase in exercise. <b>2000</b> , 153-176	12
742	Effects of modified tall oil and creatine monohydrate on growth performance, carcass characteristics, and meat quality of growing-finishing pigs. <b>2000</b> , 78, 2376-82	26
741	Effect of creatine loading on neuromuscular fatigue threshold. <b>2000</b> , 88, 109-12	55
740	The biomechanic origin of sprint performance enhancement after one-week creatine supplementation. <b>2000</b> , 50, 273-6	6
739	Artificially Low Serum Urea Caused by Antibodies to Bacteria Urease. <b>2000</b> , 46, 297-299	1
738	Effect of Oral Creatine Supplementation on Random Urine Creatinine, pH, and Specific Gravity Measurements. <b>2000</b> , 46, 295-297	13
737	Performance-Enhancing Supplements. <b>2000</b> , 11, 949-960	14
736	Creatine and coenzyme Q10 in the treatment of ALS. <b>2000</b> , 1 Suppl 4, 17-20	10
735	Effects of creatine supplementation on muscle weakness in patients with rheumatoid arthritis. <b>2000</b> , 39, 293-8	33
734	Creatine therapy in myophosphorylase deficiency (McArdle disease): a placebo-controlled crossover trial. <b>2000</b> , 57, 956-63	133
733	Effect of exogenous creatine supplementation on muscle PCr metabolism. <b>2000</b> , 21, 139-45	28
732	A placebo-controlled crossover trial of creatine in mitochondrial diseases. <b>2000</b> , 55, 1748-51	77
731	MRI correlate of Kernohan's notch. <b>2000</b> , 55, 1751	10
730	Ingestion of creatine monohydrate immediately prior to exercise does not increase performance in creatine loaded individuals. <b>2000</b> , 9, 263-275	

729	The effect of creatine monohydrate loading on maximal intermittent exercise and sport-specific strength in well trained power-lifters. <b>2000</b> , 20, 505-514	13
728	Is there a rationale for the use of creatine either as nutritional supplementation or drug administration in humans participating in a sport?. <b>2000</b> , 41, 255-64	29
727	Creatine. 367-378	4
726	Gymnastics. 588-608	1
725	Team Sports. 562-587	
724	Adverse effects of creatine supplementation: fact or fiction?. <b>2000</b> , 30, 155-70	102
723	Treatment of McArdle disease. <b>2000</b> , 57, 923-4	58
722	Dietary creatine supplementation does not affect some haematological indices, or indices of muscle damage and hepatic and renal function. <b>2000</b> , 34, 284-8	65
721	Effects of creatine supplementation on exercise performance and muscular strength in amyotrophic lateral sclerosis: preliminary results. <b>2001</b> , 191, 139-44	77
720	Comparison of creatine ingestion and resistance training on energy expenditure and limb blood flow. <b>2001</b> , 50, 1429-34	53
719	Supplemental creatine may decrease serum homocysteine and abolish the homocysteine 'gender gap' by suppressing endogenous creatine synthesis. <b>2001</b> , 56, 5-7	17
718	Creatine supplementation increases renal disease progression in Han:SPRD-cy rats. <b>2001</b> , 37, 73-78	36
717	Changes of tissue creatine concentrations upon oral supplementation of creatine-monohydrate in various animal species. <b>2001</b> , 69, 1805-15	82
716	Effects of acute creatine monohydrate supplementation on leucine kinetics and mixed-muscle protein synthesis. <b>2001</b> , 91, 1041-7	172
715	Energetic driving forces are maintained in resting rat skeletal muscle after dietary creatine supplementation. <b>2001</b> , 90, 62-6	24
714	Creatine transporter protein content, localization, and gene expression in rat skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2001</b> , 280, C415-22	5-4 44
713	Effect of Creatine on Performance of Militarily Relevant Tasks and Soldier Health. <b>2001</b> , 166, 996-1002	9
712	Effects of oral creatine and resistance training on myosin heavy chain expression. <b>2001</b> , 33, 1674-81	122

711	Effects of creatine supplementation on isometric force-time curve characteristics. <b>2001</b> , 33, 1876-81	14
710	Muscle glycogen supercompensation is enhanced by prior creatine supplementation. <b>2001</b> , 33, 1096-100	43
709	Dietary creatine supplementation and muscular adaptation to resistive overload. <b>2001</b> , 33, 1304-10	30
708	Effect of creatine loading on long-term sprint exercise performance and metabolism. <b>2001</b> , 33, 814-21	37
707	The effects of creatine dietary supplementation on anterior compartment pressure in the lower leg during rest and following exercise. <b>2001</b> , 11, 87-95	24
706	Physiological responses to short-term exercise in the heat after creatine loading. <b>2001</b> , 33, 1101-8	50
705	Use of Oral Creatine as an Ergogenic Aid for Increased Sports Performance. <b>2001</b> , 94, 608-612	12
704	Effects of resistance exercise and creatine supplementation on myasthenia gravis: a case study. <b>2001</b> , 33, 869-72	22
703	The Effect of 7 Days of Creatine Supplementation on 24-Hour Urinary Creatine Excretion. <b>2001</b> , 15, 59-62	
702	The Effects of Creatine Supplementation on Repeated Upper-and Lower-Body Wingate Performance. <b>2001</b> , 15, 36-41	
701	The Effects of Creatine Supplementation on Exercise-Induced Muscle Damage. <b>2001</b> , 15, 178-184	2
700	Effects of oral creatine supplementation on maximal pedalling performance in older adults. <i>European Journal of Applied Physiology</i> , <b>2001</b> , 84, 533-9	3-4 50
699	Neuromuscular properties and fatigue in older men following acute creatine supplementation. <i>European Journal of Applied Physiology</i> , <b>2001</b> , 84, 321-8	3-4 42
698	Creatine loading and resting skeletal muscle phosphocreatine flux: a saturation-transfer NMR study. <b>2001</b> , 13, 118-26	13
697	Effect of creatine supplementation on creatine and glycogen content in rat skeletal muscle. <b>2001</b> , 171, 169-76	55
696	Evaluation of creatine transport using Caco-2 monolayers as an in vitro model for intestinal absorption. <b>2001</b> , 90, 1593-8	15
695	Creatine transporter and mitochondrial creatine kinase protein content in myopathies. <b>2001</b> , 24, 682-8	71
694	Potential for creatine and other therapies targeting cellular energy dysfunction in neurological disorders. <b>2001</b> , 49, 561-574	196

- 693 Creatine and the creatine transporter: a review. *Molecular and Cellular Biochemistry*, **2001**, 224, 169-81 4.2 134
- 692 Inhibition of creatine kinase reduces the rate of fatigue-induced decrease in tetanic  $[Ca^{2+}]_i$  in mouse skeletal muscle. **2001**, 533, 639-49 34
- 691 Oral creatine supplementation facilitates the rehabilitation of disuse atrophy and alters the expression of muscle myogenic factors in humans. **2001**, 536, 625-33 217
- 690 Creatine supplementation affects sprint endurance in juvenile rainbow trout. **2001**, 130, 857-66 18
- 689 Creatine and beta-hydroxy-beta-methylbutyrate (HMB) additively increase lean body mass and muscle strength during a weight-training program. *Nutrition*, **2001**, 17, 558-66 4.8 126
- 688 Creatine-dextrose and protein-dextrose induce similar strength gains during training. **2001**, 33, 2044-52 49
- 687 Short-term creatine supplementation does not alter the hormonal response to resistance training. **2001**, 33, 449-53 21
- 686 Creatine monohydrate does not increase strength in patients with hereditary neuropathy. **2001**, 57, 559-60 15
- 685 Lack of association between ubiquitin carboxy-terminal hydrolase L1 gene polymorphism and PD. **2001**, 57, 560-1 25
- 684 Effects of oral creatine supplementation on high intensity, intermittent exercise performance in competitive squash players. **2001**, 22, 546-52 21
- 683 Treatment of mitochondrial cytopathies. **2001**, 21, 309-25 32
- 682 Creatine loading does not impact on stroke performance in tennis. **2001**, 22, 76-80 23
- 681 Dietary creatine supplementation and exercise performance: why inconsistent results?. **2002**, 27, 663-81 38
- 680 Cr supplementation decreases tyrosine phosphorylation of the CreaT in skeletal muscle during sepsis. **2002**, 282, E1046-54 13
- 679 Effects of creatine supplementation on muscle power, endurance, and sprint performance. **2002**, 34, 332-43 75
- 678 Effects of oral creatine supplementation in a patient with MELAS phenotype and associated nephropathy. **2002**, 33, 157-61 43
- 677 Effect of Creatine Supplementation During High Resistance Training on Mass, Strength, and Fatigue Resistance in Rat Skeletal Muscle. **2002**, 16, 335-342
- 676 The Effects of a 10-Week, Periodized, Off-Season Resistance-Training Program and Creatine Supplementation Among Collegiate Football Players. **2002**, 16, 343-351 0

675	Effects of 4 Weeks of Creatine Supplementation in Junior Swimmers on Freestyle Sprint and Swim Bench Performance. <b>2002</b> , 16, 485-490		1
674	The Effect of Creatine Monohydrate Supplementation on Obstacle Course and Multiple Bench Press Performance. <b>2002</b> , 16, 500-508		
673	Nutrition and sports supplements: fact or fiction. <b>2002</b> , 35, 299-306		31
672	Dietary supplements and athletics. <b>2002</b> , 13, 122-127		1
671	A Review of Creatine Supplementation and its Potential to Improve Pork Quality. <b>2002</b> , 21, 1-16		15
670	Nutritional and exercise-based therapies in the treatment of mitochondrial disease. <b>2002</b> , 5, 619-29		47
669	The athlete's diet: nutritional goals and dietary strategies. <b>2002</b> , 61, 87-96		43
668	Effect of creatine supplementation and a lacto-ovo-vegetarian diet on muscle creatine concentration. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2002</b> , 12, 336-48	4-4	28
667	Effects of creatine on isometric bench-press performance in resistance-trained humans. <b>2002</b> , 34, 1176-83		27
666	Resistance-training-induced adaptations in skeletal muscle protein turnover in the fed state. <b>2002</b> , 80, 1045-53		119
665	Opposite actions of caffeine and creatine on muscle relaxation time in humans. <b>2002</b> , 92, 513-8		46
664	Direct antioxidant properties of creatine. <b>2002</b> , 290, 47-52		299
663	Oral creatine supplementation and skeletal muscle metabolism in physical exercise. <b>2002</b> , 32, 903-44		61
662	Supplémentation en créatine État de la question. <b>2002</b> , 17, 55-77		2
661	Oral creatine supplementation enhances upper extremity work capacity in persons with cervical-level spinal cord injury. <b>2002</b> , 83, 19-23		37
660	Sports doping in the adolescent athlete the hope, hype, and hyperbole. <b>2002</b> , 49, 829-55		26
659	Supplements and drugs used to enhance athletic performance. <b>2002</b> , 49, 435-61		37
658	A creatina como suplemento ergogénico para atletas. <b>2002</b> , 15, 83-93		4

657	Effect of creatine supplementation on oxygen uptake kinetics during submaximal cycle exercise. <b>2002</b> , 92, 2571-7		47
656	Effect of creatine loading on anaerobic performance and skeletal muscle volume in NCAA Division I athletes. <i>Nutrition</i> , <b>2002</b> , 18, 397-402	4.8	53
655	Application of NMR spectroscopy to monitoring MELAS treatment: a case report. <b>2002</b> , 25, 593-600		15
654	Differential response of muscle phosphocreatine to creatine supplementation in young and old subjects. <b>2002</b> , 174, 57-65		53
653	Effect of creatine manipulation on fast-twitch skeletal muscle of the mouse. <b>2002</b> , 29, 1105-11		9
652	Changes in human muscle transverse relaxation following short-term creatine supplementation. <i>Experimental Physiology</i> , <b>2002</b> , 87, 383-9	2.4	12
651	Targeting cellular energy production in neurological disorders. <b>2003</b> , 12, 1655-79		29
650	Creatine supplementation in health and disease: What is the evidence for long-term efficacy?. <i>Molecular and Cellular Biochemistry</i> , <b>2003</b> , 244, 49-55	4.2	25
649	Human skeletal muscle creatine transporter mRNA and protein expression in healthy, young males and females. <i>Molecular and Cellular Biochemistry</i> , <b>2003</b> , 244, 151-157	4.2	14
648	Multinuclear magnetic resonance spectroscopy of high-energy phosphate metabolites in human brain following oral supplementation of creatine-monohydrate. <b>2003</b> , 123, 87-100		90
647	Nutritional cofactor treatment in mitochondrial disorders. <b>2003</b> , 103, 1029-38		76
646	A randomized sequential trial of creatine in amyotrophic lateral sclerosis. <b>2003</b> , 53, 437-45		225
645	Validation of a simple liquid chromatography assay for creatine suitable for pharmacokinetic applications, determination of plasma protein binding and verification of percent labeled claim of various creatine products. <b>2003</b> , 794, 157-65		19
644	Pharmacokinetics of the dietary supplement creatine. <b>2003</b> , 42, 557-74		78
643	Single- and multiple-dose pharmacokinetics of oral creatine. <b>2003</b> , 43, 29-37		34
642	The effects of creatine supplementation: A review with special regards to ballgames. <b>2003</b> , 3, 1-27		5
641	Effects of creatine supplementation in cystic fibrosis: results of a pilot study. <b>2003</b> , 2, 177-82		13
640	Influence of creatine monohydrate ingestion on muscle metabolites and intense exercise capacity in individuals with multiple sclerosis. <b>2003</b> , 84, 1206-10		9

639	Diet and physical performance. <b>2003</b> , 40, 255-67	38
638	State-sponsored research on creatine supplements and blood doping in elite Soviet sport. <b>2003</b> , 46, 445-51	13
637	Skeletal muscle properties in a transgenic mouse model for amyotrophic lateral sclerosis: effects of creatine treatment. <b>2003</b> , 13, 264-72	90
636	Creatine supplementation enhances isometric strength and body composition improvements following strength exercise training in older adults. <b>2003</b> , 58, 11-9	159
635	Dairy products, meat and sports performance. <b>2003</b> , 33, 615-31	13
634	Use and Effectiveness of Performance-Enhancing Substances. <b>2003</b> , 16, 22-36	7
633	Oral creatine monohydrate supplementation improves brain performance: a double-blind, placebo-controlled, cross-over trial. <b>2003</b> , 270, 2147-50	136
632	Combined creatine and protein supplementation in conjunction with resistance training promotes muscle GLUT-4 content and glucose tolerance in humans. <b>2003</b> , 94, 1910-6	59
631	Creatine supplementation and athletic performance. <b>2003</b> , 33, 615-21	10
630	Creatine supplementation in Huntington's disease: a placebo-controlled pilot trial. <b>2003</b> , 61, 925-30	141
629	Creatine monohydrate in DM2/PROMM: a double-blind placebo-controlled clinical study. Proximal myotonic myopathy. <b>2003</b> , 60, 500-2	34
628	Effects of oral creatine and resistance training on myogenic regulatory factor expression. <b>2003</b> , 35, 923-9	105
627	Effects of creatine supplementation and exercise training on fitness in men 55-75 yr old. <b>2003</b> , 95, 818-28	69
626	Effects of oral creatine-pyruvate supplementation in cycling performance. <b>2003</b> , 24, 144-50	16
625	Muscle creatine uptake and creatine transporter expression in response to creatine supplementation and depletion. <b>2003</b> , 94, 2173-80	24
624	Effects of Effervescent Creatine, Ribose, and Glutamine Supplementation on Muscular Strength, Muscular Endurance, and Body Composition. <b>2003</b> , 17, 810-816	1
623	Creatine Supplementation and Its Effect on Musculotendinous Stiffness and Performance. <b>2003</b> , 17, 26-33	1
622	Factors influencing creatine loading into human skeletal muscle. <b>2003</b> , 31, 154-8	31

621	Effect of creatine ingestion on glucose tolerance and insulin sensitivity in men. <b>2003</b> , 35, 69-74		21
620	Creatine transporter activity and content in the rat heart supplemented by and depleted of creatine. <b>2003</b> , 284, E399-406		39
619	Swim Performance Following Creatine Supplementation in Division III Athletes. <b>2003</b> , 17, 421-424		1
618	Effect of creatine and weight training on muscle creatine and performance in vegetarians. <b>2003</b> , 35, 1946-55		110
617	Effect of Creatine Supplementation on Intermittent Sprint Running Performance in Highly Trained Athletes. <b>2003</b> , 17, 446-454		
616	Effects of creatine loading and prolonged creatine supplementation on body composition, fuel selection, sprint and endurance performance in humans. <i>Clinical Science</i> , <b>2003</b> , 104, 153-162	6.5	20
615	Effects of creatine loading and prolonged creatine supplementation on body composition, fuel selection, sprint and endurance performance in humans. <i>Clinical Science</i> , <b>2003</b> , 104, 153-62	6.5	70
614	Effect of creatine supplementation on aerobic performance and anaerobic capacity in elite rowers in the course of endurance training. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2003</b> , 13, 173-83	4.4	35
613	The effects of beta-hydroxy-beta-methylbutyrate (HMB) and HMB/creatine supplementation on indices of health in highly trained athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2003</b> , 13, 184-97	4.4	26
612	Effect of alpha-lipoic acid combined with creatine monohydrate on human skeletal muscle creatine and phosphagen concentration. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2003</b> , 13, 294-302	4.4	29
611	Effects of creatine on body composition and strength gains after 4 weeks of resistance training in previously nonresistance-trained humans. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2003</b> , 13, 504-20	4.4	13
610	Creatine supplementation: a comparison of loading and maintenance protocols on creatine uptake by human skeletal muscle. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2003</b> , 13, 97-111	4.4	25
609	Creatine monohydrate supplemented in swine finishing diets and fresh pork quality: III. Evaluating the cumulative effect of creatine monohydrate and alpha-lipoic acid. <b>2003</b> , 81, 2469-74		15
608	American Association of Clinical Endocrinologists medical guidelines for the clinical use of dietary supplements and nutraceuticals. <b>2003</b> , 9, 417-70		56
607	Creatine uptake and creatine transporter expression among rat skeletal muscle fiber types. <i>American Journal of Physiology - Cell Physiology</i> , <b>2003</b> , 284, C1481-9	5.4	24
606	Randomized, controlled trial of oral creatine supplementation (not effective) for apnea of prematurity. <b>2004</b> , 113, e303-7		22
605	The effect of creatine supplementation on strength recovery after anterior cruciate ligament (ACL) reconstruction: a randomized, placebo-controlled, double-blind trial. <b>2004</b> , 32, 383-8		22
604	Effect of creatine on contractile force and sensitivity in mechanically skinned single fibers from rat skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2004</b> , 287, C1589-95	5.4	20

603	Blood-to-retina transport of creatine via creatine transporter (CRT) at the rat inner blood-retinal barrier. <b>2004</b> , 89, 1454-61		58
602	Creatine supplementation increases glucose oxidation and AMPK phosphorylation and reduces lactate production in L6 rat skeletal muscle cells. <b>2004</b> , 555, 409-21		74
601	Scientific basis and practical aspects of creatine supplementation for athletes. <i>Nutrition</i> , <b>2004</b> , 20, 609-14.8		79
600	Deleterious effects of immobilization upon rat skeletal muscle: role of creatine supplementation. <b>2004</b> , 23, 1176-83		24
599	Short-term creatine supplementation does not improve muscle activation or sprint performance in humans. <i>European Journal of Applied Physiology</i> , <b>2004</b> , 91, 230-7	3-4	30
598	Creatine supplementation and performance in 6 consecutive 60 meter sprints. <b>2004</b> , 60, 265-71		2
597	ISSN Exercise & Sport Nutrition Review: Research & Recommendations. <i>Journal of the International Society of Sports Nutrition</i> , <b>2004</b> , 1, 1	4-5	27
596	Creatine monohydrate supplementation does not increase muscle strength, lean body mass, or muscle phosphocreatine in patients with myotonic dystrophy type 1. <b>2004</b> , 29, 51-8		50
595	Effect of muscle creatine content manipulation on contractile properties in mouse muscles. <b>2004</b> , 29, 428-35		13
594	The creatine content of Creatine Serum and the change in the plasma concentration with ingestion of a single dose. <b>2004</b> , 22, 851-7		13
593	Ergogenic aids: a review of basic science, performance, side effects, and status in sports. <b>2004</b> , 32, 1543-53		117
592	Dietary supplements. <b>2004</b> , 22, 95-113		145
591	The role of creatine in the management of amyotrophic lateral sclerosis and other neurodegenerative disorders. <b>2004</b> , 18, 967-80		28
590	Elevation of creatine in red blood cells in vegetarians and nonvegetarians after creatine supplementation. <b>2004</b> , 29, 704-13		13
589	Deleterious effects of immobilization upon rat skeletal muscle: role of creatine supplementation. <b>2004</b> ,		
588	Creatine: are the benefits worth the risk?. <b>2004</b> , 150, 123-30		27
587	Nutritional management of the equine athlete. <b>2004</b> , 815-835		1
586	Medical aspects of sports: epidemiology of injuries, preparticipation physical examination, and drugs in sports. <b>2004</b> , 23, 255-79, vii		21

585	Potential ergogenic effects of arginine and creatine supplementation. <b>2004</b> , 134, 2888S-2894S; discussion 2895S		56
584	COMBINED CREATINE AND SODIUM BICARBONATE SUPPLEMENTATION ENHANCES INTERVAL SWIMMING. <b>2004</b> , 18, 306-310		
583	MG2+-CREATINE CHELATE AND A LOW-DOSE CREATINE SUPPLEMENTATION REGIMEN IMPROVE EXERCISE PERFORMANCE. <b>2004</b> , 18, 311-315		
582	Acute Creatine Monohydrate Supplementation: A Descriptive Physiological Profile of Responders vs. Nonresponders. <b>2004</b> , 18, 610-617		2
581	Effect of creatine ingestion after exercise on muscle thickness in males and females. <b>2004</b> , 36, 1781-8		57
580	Drug treatment for facioscapulohumeral muscular dystrophy. <b>2004</b> , CD002276		20
579	EFFECT OF TWO AND FIVE DAYS OF CREATINE LOADING ON ANAEROBIC WORKING CAPACITY IN WOMEN. <b>2004</b> , 18, 168-173		1
578	Skeletal muscle total creatine content and creatine transporter gene expression in vegetarians prior to and following creatine supplementation. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2004</b> , 14, 517-31	4-4	33
577	Creatine supplementation in young soccer players. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2004</b> , 14, 95-103	4-4	33
576	The Safety and Efficacy of Creatine, Ephedra, and Anabolic-Steroid Precursors. <b>2004</b> , 9, 57-63		
575	Creatine supplementation increases glycogen storage but not GLUT-4 expression in human skeletal muscle. <i>Clinical Science</i> , <b>2004</b> , 106, 99-106	6.5	67
574	Effect of ceasing creatine supplementation while maintaining resistance training in older men. <b>2004</b> , 12, 219-31		23
573	Creatine for treating muscle disorders. <b>2004</b> ,		2
572	Nutraceuticals. <b>2004</b> ,		
571	Nephrotoxicity of over-the-counter analgesics, natural medicines, and illicit drugs. <b>2005</b> , 16, 31-43, x		18
570	EFFECT OF CREATINE PHOSPHATE SUPPLEMENTATION ON ANAEROBIC WORKING CAPACITY AND BODY WEIGHT AFTER TWO AND SIX DAYS OF LOADING IN MEN AND WOMEN. <b>2005</b> , 19, 756-763		1
569	Effect of creatine supplementation on training for competition in elite swimmers. <b>2005</b> , 37, 2140-7		6
568	Creatine supplementation reduces muscle inosine monophosphate during endurance exercise in humans. <b>2005</b> , 37, 2054-61		16

567	Mitochondrial myopathies: diagnosis, exercise intolerance, and treatment options. <b>2005</b> , 37, 2086-93	97
566	THE EFFECTS OF ACUTE CREATINE SUPPLEMENTATION ON MULTIPLE SPRINT CYCLING AND RUNNING PERFORMANCE IN RUGBY PLAYERS. <b>2005</b> , 19, 92-97	
565	EFFECTS OF ACUTE CREATINE LOADING WITH OR WITHOUT CARBOHYDRATE ON REPEATED BOUTS OF MAXIMAL SWIMMING IN HIGH-PERFORMANCE SWIMMERS. <b>2005</b> , 19, 265-269	
564	Creatine Supplementation. <b>2005</b> , 27, 62-68	4
563	IS RUNNING PERFORMANCE ENHANCED WITH CREATINE SERUM INGESTION?. <b>2005</b> , 19, 730-734	
562	EFFECT OF A DEFINED LACTO-OVO-VEGETARIAN DIET AND ORAL CREATINE MONOHYDRATE SUPPLEMENTATION ON PLASMA CREATINE CONCENTRATION. <b>2005</b> , 19, 735-740	1
561	The effect of acute creatinine monohydrate loading on wingate test results in 18-21 years old male soccer players. <b>2005</b> , 92, 221-230	
560	Comparison of erythrocyte and skeletal muscle creatine accumulation following creatine loading. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2005</b> , 15, 84-93	4-4 5
559	Creatine has no beneficial effect on skeletal muscle energy metabolism in patients with single mitochondrial DNA deletions: a placebo-controlled, double-blind 31P-MRS crossover study. <b>2005</b> , 12, 300-9	51
558	Ergogenic potential of nutritional strategies and substances in the horse. <b>2005</b> , 92, 147-165	20
557	Effects of creatine on thermoregulatory responses while exercising in the heat. <i>Nutrition</i> , <b>2005</b> , 21, 301-7.8	15
556	The therapeutic role of creatine in Huntington's disease. <b>2005</b> , 108, 193-207	56
555	No effects of lifelong creatine supplementation on sarcopenia in senescence-accelerated mice (SAMP8). <b>2005</b> , 289, E272-7	12
554	Creatine supplementation during pulmonary rehabilitation in chronic obstructive pulmonary disease. <b>2005</b> , 60, 531-7	79
553	The use of ergogenic agents in high school athletes. <b>2005</b> , 21, 333-9	9
552	AMP kinase expression and activity in human skeletal muscle: effects of immobilization, retraining, and creatine supplementation. <b>2005</b> , 98, 1228-33	19
551	Nutritional needs of elite endurance athletes. Part II: Dietary protein and the potential role of caffeine and creatine. <b>2005</b> , 5, 59-72	4
550	Sports pharmacology and ergogenic aids. <b>2005</b> , 32, 277-92	17

549	Vegetarian diets : nutritional considerations for athletes. <b>2006</b> , 36, 293-305	61
548	The mitochondrial myopathy encephalopathy, lactic acidosis with stroke-like episodes (MELAS) syndrome: a review of treatment options. <b>2006</b> , 20, 443-64	59
547	Incorrect calculation of power outputs masks the ergogenic capacity of creatine supplementation. <b>2006</b> , 31, 635-42	4
546	Popular ergogenic drugs and supplements in young athletes. <b>2006</b> , 117, e577-89	171
545	Dietary supplements for football. <b>2006</b> , 24, 749-61	52
544	Influence of dietary creatine monohydrate and carcass cooling rate on colour characteristics of pork loin from different pure breeds. <b>2006</b> , 72, 624-34	12
543	. <b>2006</b> ,	21
542	Creatine supplementation increases soleus muscle creatine content and lowers the insulinogenic index in an animal model of inherited type 2 diabetes. <b>2006</b> , 17, 1077	5
541	EFFECTS OF CREATINE MONOHYDRATE SUPPLEMENTATION ON BODY COMPOSITION AND STRENGTH INDICES IN EXPERIENCED RESISTANCE TRAINED WOMEN. <b>2006</b> , 20, 939-946	
540	CREATINE SUPPLEMENTATION AND MULTIPLE SPRINT RUNNING PERFORMANCE. <b>2006</b> , 20, 273-277	1
539	Effects of supplement timing and resistance exercise on skeletal muscle hypertrophy. <b>2006</b> , 38, 1918-25	168
538	EFFECTS OF TWENTY-EIGHT DAYS OF BETA-ALANINE AND CREATINE MONOHYDRATE SUPPLEMENTATION ON THE PHYSICAL WORKING CAPACITY AT NEUROMUSCULAR FATIGUE THRESHOLD. <b>2006</b> , 20, 928-931	1
537	The effects of protein and amino acid supplementation on performance and training adaptations during ten weeks of resistance training. <b>2006</b> , 20, 643-53	99
536	The regulation and expression of the creatine transporter: a brief review of creatine supplementation in humans and animals. <i>Journal of the International Society of Sports Nutrition</i> , <b>2006</b> , 3, 60-6	4.5 21
535	Creatine Monohydrate as a Therapeutic Aid in Muscular Dystrophy. <b>2006</b> , 64, 80-88	25
534	Influence of creatine supplementation on 800 m wheelchair performance: a pilot study. <b>2006</b> , 44, 275-9	16
533	Nutritional characteristics of emu ( <i>Dromaius novaehollandiae</i> ) meat and its value-added products. <b>2006</b> , 97, 193-202	51
532	The absorption of orally supplied beta-alanine and its effect on muscle carnosine synthesis in human vastus lateralis. <b>2006</b> , 30, 279-89	359

531	Creatine supplementation does not enhance submaximal aerobic training adaptations in healthy young men and women. <i>European Journal of Applied Physiology</i> , <b>2006</b> , 98, 234-41	3.4	16
530	Effects of long-term creatine feeding and running on isometric functional measures and myosin heavy chain content of rat skeletal muscles. <b>2006</b> , 452, 744-55		15
529	Effect of creatine supplementation and sleep deprivation, with mild exercise, on cognitive and psychomotor performance, mood state, and plasma concentrations of catecholamines and cortisol. <b>2006</b> , 185, 93-103		86
528	Oral creatine supplementation in humans does not elevate urinary excretion of the carcinogen N-nitrososarcosine. <i>Nutrition</i> , <b>2006</b> , 22, 332-3	4.8	7
527	Intake of <sup>13</sup> C-4 creatine enables simultaneous assessment of creatine and phosphocreatine pools in human skeletal muscle by <sup>13</sup> C MR spectroscopy. <b>2006</b> , 56, 953-7		15
526	Electrolysis stimulates creatine transport and transporter cell surface expression in incubated mouse skeletal muscle: potential role of ROS. <b>2006</b> , 291, E1250-7		8
525	The effects of creatine supplementation on selected factors of tennis specific training. <b>2006</b> , 40, 507-11; discussion 511-2		18
524	The role of nutritional supplements and feeding strategies in equine athletic performance. <b>2006</b> , 3, 109-119		8
523	Effects of twenty-eight days of beta-alanine and creatine monohydrate supplementation on the physical working capacity at neuromuscular fatigue threshold. <b>2006</b> , 20, 928-31		72
522	The Role of Diet and Nutritional Supplements. <b>2007</b> , 23-36		
521	Gene expression, fiber type, and strength are similar between left and right legs in older adults. <b>2007</b> , 62, 1088-95		14
520	Safety of creatine supplementation. <b>2007</b> , 46, 275-89		35
519	Creatine and glycerol hyperhydration in trained subjects before exercise in the heat. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2007</b> , 17, 70-91	4.4	25
518	THE EFFECTS OF CREATINE LOADING ON THERMOREGULATION AND INTERMITTENT SPRINT EXERCISE PERFORMANCE IN A HOT HUMID ENVIRONMENT. <b>2007</b> , 21, 655-660		
517	Creatine Supplementation. <b>2007</b> , 29, 60-66		
516	Huntington's disease: pathological mechanisms and therapeutic strategies. <b>2007</b> , 16, 301-12		45
515	A creatine-protein-carbohydrate supplement enhances responses to resistance training. <b>2007</b> , 39, 1960-8		41
514	Creatine supplementation, sleep deprivation, cortisol, melatonin and behavior. <b>2007</b> , 90, 21-8		65

513	The effect of creatine supplementation on mass and performance of rat skeletal muscle. <b>2007</b> , 81, 710-6	12
512	Creatine: endogenous metabolite, dietary, and therapeutic supplement. <b>2007</b> , 27, 241-61	205
511	beta-Alanine supplementation augments muscle carnosine content and attenuates fatigue during repeated isokinetic contraction bouts in trained sprinters. <b>2007</b> , 103, 1736-43	222
510	The use of dietary supplements by athletes. <b>2007</b> , 25 Suppl 1, S103-13	166
509	The neuroprotective role of creatine. <b>2007</b> , 46, 205-43	38
508	Nutrition for the sprinter. <b>2007</b> , 25 Suppl 1, S5-15	27
507	Creatine for treating muscle disorders. <b>2007</b> , CD004760	24
506	Doping in Children and Adolescents. 268-284	
505	The effect and safety of short-term creatine supplementation on performance of push-ups. <b>2007</b> , 172, 312-7	9
504	Methyl balance and transmethylation fluxes in humans. <b>2007</b> , 85, 19-25	142
503	References. <b>2007</b> , 224-238	
502	Absolute quantification of phosphorus metabolite concentrations in human muscle in vivo by <sup>31</sup> P MRS: a quantitative review. <b>2007</b> , 20, 555-65	226
501	Beneficial effects of creatine, CoQ10, and lipoic acid in mitochondrial disorders. <b>2007</b> , 35, 235-42	208
500	Losses of taurine, creatine, glycine and alanine from cod ( <i>Gadus morhua</i> L.) fillet during processing. <b>2007</b> , 20, 396-402	43
499	Comparison of new forms of creatine in raising plasma creatine levels. <i>Journal of the International Society of Sports Nutrition</i> , <b>2007</b> , 4, 17	4.5 24
498	Effects of creatine loading on electromyographic fatigue threshold during cycle ergometry in college-aged women. <i>Journal of the International Society of Sports Nutrition</i> , <b>2007</b> , 4, 20	4.5 16
497	International Society of Sports Nutrition position stand: creatine supplementation and exercise. <i>Journal of the International Society of Sports Nutrition</i> , <b>2007</b> , 4, 6	4.5 150
496	Creatine supplementation and dynamic high-intensity intermittent exercise. <b>2007</b> , 3, 143-149	157

495	SPORTS NUTRITION: CASE STUDIES 2. <b>2007</b> , 64, 130-133		1
494	Various instrumental and biochemical parameters as ageing indicators of beef Longissimus dorsi muscle and their relation to creatine and creatinine content. <b>2007</b> , 225, 849-855		8
493	Influence of beta-alanine supplementation on skeletal muscle carnosine concentrations and high intensity cycling capacity. <b>2007</b> , 32, 225-33		322
492	Effects of 28 days of beta-alanine and creatine monohydrate supplementation on aerobic power, ventilatory and lactate thresholds, and time to exhaustion. <b>2007</b> , 33, 505-10		70
491	Kinetics of creatine ingested as a food ingredient. <i>European Journal of Applied Physiology</i> , <b>2008</b> , 102, 133-43	3-4	32
490	Effects of creatine supplementation on glucose tolerance and insulin sensitivity in sedentary healthy males undergoing aerobic training. <b>2008</b> , 34, 245-50		40
489	Creatine supplementation reduces plasma levels of pro-inflammatory cytokines and PGE2 after a half-ironman competition. <b>2008</b> , 35, 425-31		65
488	Effects of creatine supplementation on renal function: a randomized, double-blind, placebo-controlled clinical trial. <i>European Journal of Applied Physiology</i> , <b>2008</b> , 103, 33-40	3-4	48
487	Brain serotonin and dopamine modulators, perceptual responses and endurance performance during exercise in the heat following creatine supplementation. <i>Journal of the International Society of Sports Nutrition</i> , <b>2008</b> , 5, 14	4-5	8
486	Does creatine supplementation improve the plasma lipid profile in healthy male subjects undergoing aerobic training?. <i>Journal of the International Society of Sports Nutrition</i> , <b>2008</b> , 5, 16	4-5	4
485	The effects of creatine pyruvate and creatine citrate on performance during high intensity exercise. <i>Journal of the International Society of Sports Nutrition</i> , <b>2008</b> , 5, 4	4-5	22
484	Creatine monohydrate attenuates body fat accumulation in children with acute lymphoblastic leukemia during maintenance chemotherapy. <b>2008</b> , 51, 183-7		21
483	The mitochondrial cocktail: rationale for combined nutraceutical therapy in mitochondrial cytopathies. <b>2008</b> , 60, 1561-7		103
482	Overview of Creatine Metabolism. <b>2008</b> , 1-23		
481	Timing of creatine or protein supplementation and resistance training in the elderly. <b>2008</b> , 33, 184-90		41
480	Creatine supplementation does not improve cognitive function in young adults. <b>2008</b> , 95, 130-4		42
479	Creatine monohydrate in ALS: effects on strength, fatigue, respiratory status and ALSFRS. <b>2008</b> , 9, 266-72		73
478	The potential benefits of creatine and conjugated linoleic acid as adjuncts to resistance training in older adults. <b>2008</b> , 33, 213-27		34

477	Creatine supplementation enhances endurance performance in trained rats. <b>2008</b> , 5, 106-16		
476	Effect of creatine supplementation on muscle capacity in individuals with multiple sclerosis. <b>2008</b> , 5, 20-32		12
475	Randomized controlled trial of dietary creatine as an adjunct therapy to physical training in chronic obstructive pulmonary disease. <b>2008</b> , 178, 233-9		63
474	Building muscle: nutrition to maximize bulk and strength adaptations to resistance exercise training. <b>2008</b> , 8, 67-76		9
473	Global and targeted gene expression and protein content in skeletal muscle of young men following short-term creatine monohydrate supplementation. <b>2008</b> , 32, 219-28		93
472	Adaptive responses to creatine loading and exercise in fast-twitch rat skeletal muscle. <b>2008</b> , 294, R1319-28		14
471	Effective Nutritional Supplement Combinations. <b>2008</b> , 259-319		1
470	Seven days of oral taurine supplementation does not increase muscle taurine content or alter substrate metabolism during prolonged exercise in humans. <b>2008</b> , 105, 643-51		68
469	Comparison of creatine monohydrate and carbohydrate supplementation on repeated jump height performance. <b>2008</b> , 22, 1081-6		7
468	A suplementa de creatina prejudica a fun renal?. <b>2008</b> , 14, 68-73		6
467	Creatine supplementation does not affect human skeletal muscle glycogen content in the absence of prior exercise. <b>2008</b> , 104, 508-12		16
466	Nutritional management of the equine athlete. <b>2008</b> , 301-325		2
465	Efeitos da suplementa de creatina no exercio intermitente de alta intensidade: divergcias e recomendaes metodolgicas. <b>2008</b> , 10,		2
464	Role of creatine supplementation on exercise-induced cardiovascular function and oxidative stress. <b>2009</b> , 2, 247-54		14
463	Influence of dietary creatine supplementation on muscle phosphocreatine kinetics during knee-extensor exercise in humans. <b>2009</b> , 296, R1078-87		28
462	The effect of 4 weeks beta-alanine supplementation and isokinetic training on carnosine concentrations in type I and II human skeletal muscle fibres. <i>European Journal of Applied Physiology</i> , <b>2009</b> , 106, 131-8	3-4	85
461	The effects of four weeks of creatine supplementation and high-intensity interval training on cardiorespiratory fitness: a randomized controlled trial. <i>Journal of the International Society of Sports Nutrition</i> , <b>2009</b> , 6, 18	4-5	26
460	The effects of creatine ethyl ester supplementation combined with heavy resistance training on body composition, muscle performance, and serum and muscle creatine levels. <i>Journal of the International Society of Sports Nutrition</i> , <b>2009</b> , 6, 6	4-5	51

459	Creatine is an ergogen for anaerobic exercise. <b>1997</b> , 55, 21-3	9
458	Creatine: a dietary supplement and ergogenic aid. <b>1999</b> , 57, 45-50	28
457	Non-enzymatic hydrolysis of creatine ethyl ester. <b>2009</b> , 386, 363-7	15
456	Urinary creatine and methylamine excretion following 4 x 5 g x day(-1) or 20 x 1 g x day(-1) of creatine monohydrate for 5 days. <b>2009</b> , 27, 759-66	17
455	Chapter 1 creatine monohydrate. <b>2009</b> , 34, 1-35	2
454	Influence of Creatine Supplementation on the Parameters of the All-Out Critical Power Test□ <b>2009</b> , 7, 9-17	19
453	Effects of two and five days of creatine loading on muscular strength and anaerobic power in trained athletes. <b>2009</b> , 23, 906-14	17
452	Effects of four weeks of high-intensity interval training and creatine supplementation on critical power and anaerobic working capacity in college-aged men. <b>2009</b> , 23, 1663-9	32
451	Effect of creatine supplementation during cast-induced immobilization on the preservation of muscle mass, strength, and endurance. <b>2009</b> , 23, 116-20	43
450	Effects of creatine monohydrate and polyethylene glycosylated creatine supplementation on muscular strength, endurance, and power output. <b>2009</b> , 23, 818-26	20
449	Carnosine loading and washout in human skeletal muscles. <b>2009</b> , 106, 837-42	124
448	The effects of age on skeletal muscle and the phosphocreatine energy system: can creatine supplementation help older adults. <b>2009</b> , 8, 6	24
447	Controlling the Flow of Energy: Inhibition and Stimulation of the Creatine Transporter. <b>2009</b> , 5, 223-233	6
446	The effects of creatine monohydrate supplementation with and without D-pinitol on resistance training adaptations. <b>2009</b> , 23, 2673-82	24
445	Effect of high-dose creatine supplementation on endogenous creatine synthesis during exercise. <b>2010</b> , 69,	
444	The effects of polyethylene glycosylated creatine supplementation on muscular strength and power. <b>2010</b> , 24, 3343-51	11
443	The effects of creatine loading and gender on anaerobic running capacity. <b>2010</b> , 24, 1826-33	20
442	Effect of creatine supplementation on muscle metabolic response to a maximal treadmill exercise test in Standardbred horses. <b>2000</b> , 32, 533-40	23

441	Exploring the therapeutic role of creatine supplementation. <b>2010</b> , 38, 31-44		99
440	Effect of beta-alanine supplementation on muscle carnosine concentrations and exercise performance. <b>2010</b> , 39, 321-33		148
439	Effect of short-term high-dose creatine supplementation on measured GFR in a young man with a single kidney. <b>2010</b> , 55, e7-9		27
438	The effects of a pre-workout supplement containing caffeine, creatine, and amino acids during three weeks of high-intensity exercise on aerobic and anaerobic performance. <i>Journal of the International Society of Sports Nutrition</i> , <b>2010</b> , 7, 10	4-5	37
437	Creatine supplementation spares muscle glycogen during high intensity intermittent exercise in rats. <i>Journal of the International Society of Sports Nutrition</i> , <b>2010</b> , 7, 6	4-5	17
436	Efeitos da suplementação de creatina sobre força e hipertrofia muscular: atualizações. <b>2010</b> , 16, 219-223		7
435	Efeitos da suplementação prolongada de creatina mono-hidratada sobre o desempenho anaeróbio de adultos jovens treinados. <b>2010</b> , 16, 186-190		
434	Beating the system: a study of a creatinine assay and its efficacy in authenticating human urine specimens. <b>2010</b> , 34, 39-44		19
433	Effect of creatine supplementation as a potential adjuvant therapy to exercise training in cardiac patients: a randomized controlled trial. <b>2010</b> , 24, 988-99		21
432	A-Z of nutritional supplements: dietary supplements, sports nutrition foods and ergogenic aids for health and performance Part 11. <b>2010</b> , 44, 765-6		10
431	Supplements for Strength-Power Athletes. <b>2010</b> , 32, 93-100		2
430	Sports doping in the adolescent: the Faustian conundrum of Hors de Combat. <b>2010</b> , 57, 729-50		17
429	Caffeine and creatine use in sport. <b>2010</b> , 57 Suppl 2, 1-8		65
428	Muscle carnosine metabolism and beta-alanine supplementation in relation to exercise and training. <b>2010</b> , 40, 247-63		138
427	Effects of oral creatine and resistance training on serum myostatin and GASP-1. <b>2010</b> , 317, 25-30		49
426	The possible combinatory effects of acute consumption of caffeine, creatine, and amino acids on the improvement of anaerobic running performance in humans. <b>2010</b> , 30, 607-14		26
425	Effects of creatine supplementation in the Thoroughbred horse. <b>2010</b> , 27, 239-242		2
424	Acute Hepatitis and Personality Change in a 31-Year-Old Man Taking Prohormone Supplement SUS500. <b>2010</b> , 51, 340-344		1

423	Optimization of insulin-mediated creatine retention during creatine feeding in humans. <b>2010</b> , 28, 67-74		8
422	Dietary supplements and team-sport performance. <b>2010</b> , 40, 995-1017		75
421	Important role of muscle carnosine in rowing performance. <b>2010</b> , 109, 1096-101		114
420	Creatine Pyruvate Enhances Lipolysis and Protein Synthesis in Broiler Chicken. <b>2011</b> , 10, 1977-1985		2
419	Dietary supplements for athletes: emerging trends and recurring themes. <b>2011</b> , 29 Suppl 1, S57-66		78
418	Creatine for treating muscle disorders. <b>2011</b> , CD004760		30
417	Orthopedic Sports Medicine. <b>2011</b> ,		
416	Creatine does not promote hypertrophy in skeletal muscle in supplemented compared with nonsupplemented rats subjected to a similar workload. <b>2011</b> , 31, 652-7		13
415	The effects of creatine and glycerol hyperhydration on running economy in well trained endurance runners. <i>Journal of the International Society of Sports Nutrition</i> , <b>2011</b> , 8, 24	4.5	21
414	The effects of creatine supplementation on performance and hormonal response in amateur swimmers. <b>2011</b> , 26, 272-277		5
413	. <b>2011</b> ,		11
412	The price of perfection: a teenaged athlete with elevated serum creatinine. <b>2011</b> , 27, 575-7		3
411	Effect of different frequencies of creatine supplementation on muscle size and strength in young adults. <b>2011</b> , 25, 1831-8		15
410	The Role of Supplemented Creatine in Human Metabolism. <b>2011</b> , 15, 3029-3042		3
409	Comparison of the novel compounds creatine and pyruvate on lipid and protein metabolism in broiler chickens. <b>2011</b> , 5, 1082-9		32
408	Low-dose creatine supplementation enhances fatigue resistance in the absence of weight gain. <i>Nutrition</i> , <b>2011</b> , 27, 451-5	4.8	33
407	Exercise-induced, but not creatine-induced, decrease in intramyocellular lipid content improves insulin sensitivity in rats. <b>2011</b> , 22, 1178-85		9
406	Creatine supplementation does not impair kidney function in type 2 diabetic patients: a randomized, double-blind, placebo-controlled, clinical trial. <i>European Journal of Applied Physiology</i> , <b>2011</b> , 111, 749-56	3.4	46

405	Effect of caffeine ingestion after creatine supplementation on intermittent high-intensity sprint performance. <i>European Journal of Applied Physiology</i> , <b>2011</b> , 111, 1669-77	3-4	29
404	Use of creatine in the elderly and evidence for effects on cognitive function in young and old. <b>2011</b> , 40, 1349-62		63
403	Analysis of the efficacy, safety, and regulatory status of novel forms of creatine. <b>2011</b> , 40, 1369-83		70
402	The creatine kinase system and pleiotropic effects of creatine. <b>2011</b> , 40, 1271-96		404
401	Comparison of antihyperglycemic effects of creatine and glibenclamide in type II diabetic patients. <b>2011</b> , 161, 519-23		3
400	Sarcopenia: current theories and the potential beneficial effect of creatine application strategies. <b>2011</b> , 12, 273-81		38
399	The Physiological Effects of Creatine Supplementation on Hydration: A Review. <b>2011</b> , 5, 320-327		9
398	Creatine supplementation prevents the accumulation of fat in the livers of rats fed a high-fat diet. <b>2011</b> , 141, 1799-804		51
397	Assessing and managing depression and fatigue in motor neuron disease. <b>2012</b> , 2, 401-409		3
396	Effects of creatine and exercise on skeletal muscle of FRG1-transgenic mice. <b>2012</b> , 39, 225-31		5
395	Dietary Protein Efficacy. <b>2012</b> , 69-94		
394	Nitrogenous Compounds and Supplements. <b>2012</b> , 177-200		
393	Detection of creatine in rat muscle by FTIR spectroscopy. <b>2012</b> , 40, 2069-77		11
392	Toxic hepatitis in a group of 20 male body-builders taking dietary supplements. <b>2012</b> , 50, 3826-32		39
391	Use of comparative proteomics to identify the effects of creatine pyruvate on lipid and protein metabolism in broiler chickens. <b>2012</b> , 193, 514-21		12
390	Effects of acute creatine supplementation on iron homeostasis and uric acid-based antioxidant capacity of plasma after wingate test. <i>Journal of the International Society of Sports Nutrition</i> , <b>2012</b> , 9, 25	4-5	10
389	Thermoregulatory and cardiovascular responses to creatine, glycerol and alpha lipoic acid in trained cyclists. <i>Journal of the International Society of Sports Nutrition</i> , <b>2012</b> , 9, 29	4-5	8
388	A buffered form of creatine does not promote greater changes in muscle creatine content, body composition, or training adaptations than creatine monohydrate. <i>Journal of the International Society of Sports Nutrition</i> , <b>2012</b> , 9, 43	4-5	23

387	The effects of six weeks of supplementation with multi-ingredient performance supplements and resistance training on anabolic hormones, body composition, strength, and power in resistance-trained men. <i>Journal of the International Society of Sports Nutrition</i> , <b>2012</b> , 9, 49	4.5	31
386	Effects of creatine supplementation on oxidative stress profile of athletes. <i>Journal of the International Society of Sports Nutrition</i> , <b>2012</b> , 9, 56	4.5	12
385	Nutritional Supplements. <b>2012</b> , 351-364		
384	Effect of creatine plus caffeine supplements on time to exhaustion during an incremental maximum exercise. <b>2012</b> , 12, 338-346		6
383	Effects of glycerol and creatine hyperhydration on doping-relevant blood parameters. <i>Nutrients</i> , <b>2012</b> , 4, 1171-86	6.7	9
382	Nutritional countermeasures for cognitive performance decrements following sleep deprivation. 199-208		1
381	Optimizing human in vivo dosing and delivery of βalanine supplements for muscle carnosine synthesis. <b>2012</b> , 43, 57-65		63
380	Creatine but not betaine supplementation increases muscle phosphorylcreatine content and strength performance. <b>2012</b> , 42, 2299-305		38
379	Effect of two βalanine dosing protocols on muscle carnosine synthesis and washout. <b>2012</b> , 42, 2461-72		84
378	Creatine supplementation reduces oxidative stress biomarkers after acute exercise in rats. <b>2012</b> , 43, 709-15		36
377	In sickness and in health: the widespread application of creatine supplementation. <b>2012</b> , 43, 519-29		107
376	Optically transmitted and inductively coupled electric reference to access in vivo concentrations for quantitative proton-decoupled <sup>13</sup> C magnetic resonance spectroscopy. <b>2012</b> , 67, 1-7		11
375	Effects of creatine supplementation on oxidative stress and inflammatory markers after repeated-sprint exercise in humans. <i>Nutrition</i> , <b>2013</b> , 29, 1127-32	4.8	69
374	Long-term creatine supplementation improves muscular performance during resistance training in older women. <i>European Journal of Applied Physiology</i> , <b>2013</b> , 113, 987-96	3.4	49
373	Performance Enhancement Drugs and Sports Supplements for Resistance Training. <b>2013</b> , 29-41		
372	Creatine. <b>2013</b> , 301-312		
371	Strength and Power Events. <b>2013</b> , 549-560		
370	Buffering Agents. <b>2013</b> , 324-335		

369	Nutrition in Combat Sports. <b>2013</b> , 115-127		1
368	Creatine supplementation does not decrease oxidative stress and inflammation in skeletal muscle after eccentric exercise. <b>2013</b> , 31, 1164-76		16
367	Practical considerations for feeding racehorses. <b>2013</b> , 261-271		
366	Creatine supplementation. <b>2013</b> , 12, 240-4		36
365	Physiological Basis for Creatine Supplementation in Skeletal Muscle. <b>2013</b> , 385-394		2
364	Oral Bioavailability of Creatine Supplements. <b>2013</b> , 395-403		
363	Creatine for treating muscle disorders. <b>2013</b> , CD004760		39
362	Effects of combined creatine and sodium bicarbonate supplementation on repeated sprint performance in trained men. <b>2013</b> , 27, 252-8		15
361	Meal and beta-alanine coingestion enhances muscle carnosine loading. <b>2013</b> , 45, 1478-85		35
360	Creatine and Resistance Exercise. <b>2013</b> , 139-145		
359	Nutritional Interventions as Potential Strategy to Minimize Exercise-Induced Muscle Injuries in Sports. <b>2013</b> ,		0
358	References. <b>2013</b> , 289-312		
357	Nutrition for the equine athlete. <b>2014</b> , 819-834		
356	A review of creatine supplementation in age-related diseases: more than a supplement for athletes. <b>2014</b> , 3, 222		46
355	Total body skeletal muscle mass: estimation by creatine (methyl-d3) dilution in humans. <b>2014</b> , 116, 1605-13		88
354	Comparison of creatine supplementation before versus after supervised resistance training in healthy older adults. <b>2014</b> , 22, 61-74		19
353	Effects of 28 days of beta-alanine and creatine supplementation on muscle carnosine, body composition and exercise performance in recreationally active females. <i>Journal of the International Society of Sports Nutrition</i> , <b>2014</b> , 11, 55	4.5	28
352	Creatine, L-carnitine, and $\beta$ polyunsaturated fatty acid supplementation from healthy to diseased skeletal muscle. <b>2014</b> , 2014, 613890		24

351	Dietary supplements for aquatic sports. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2014</b> , 24, 437-49	4.4	11
350	28 days of creatine nitrate supplementation is apparently safe in healthy individuals. <i>Journal of the International Society of Sports Nutrition</i> , <b>2014</b> , 11, 60	4.5	9
349	Authorised EU health claims for creatine. <b>2014</b> , 139-150		
348	Brain creatine depletion in vegetarians? A cross-sectional <sup>1</sup> H-magnetic resonance spectroscopy ( <sup>1</sup> H-MRS) study. <b>2014</b> , 111, 1272-4		20
347	The effect of creatine loading on neuromuscular fatigue in women. <b>2014</b> , 46, 990-7		5
346	Alanine dose for maintaining moderately elevated muscle carnosine levels. <b>2014</b> , 46, 1426-32		26
345	Effects of dietary supplementation with creatine monohydrate during the finishing period on growth performance, carcass traits, meat quality and muscle glycolytic potential of broilers subjected to transport stress. <b>2014</b> , 8, 1955-62		31
344	Periodized resistance training with and without supplementation improve body composition and performance in older men. <i>European Journal of Applied Physiology</i> , <b>2014</b> , 114, 891-905	3.4	27
343	Creatine supplementation and resistance training in vulnerable older women: a randomized double-blind placebo-controlled clinical trial. <b>2014</b> , 53, 7-15		57
342	Creatine supplementation prevents acute strength loss induced by concurrent exercise. <i>European Journal of Applied Physiology</i> , <b>2014</b> , 114, 1749-55	3.4	26
341	Muscle carnosine loading by beta-alanine supplementation is more pronounced in trained vs. untrained muscles. <b>2014</b> , 116, 204-9		46
340	Optimizing the benefits of exercise on physical function in older adults. <b>2014</b> , 6, 528-43		29
339	Dietary protein considerations to support active aging. <b>2014</b> , 44 Suppl 2, S185-94		36
338	Muscle energetics during explosive activities and potential effects of nutrition and training. <b>2014</b> , 44 Suppl 2, S167-73		46
337	X-linked creatine transporter deficiency: clinical aspects and pathophysiology. <b>2014</b> , 37, 715-33		52
336	An overview of amines as nutritional supplements to counteract cancer cachexia. <b>2014</b> , 5, 105-10		27
335	Creatine supplementation during pregnancy: summary of experimental studies suggesting a treatment to improve fetal and neonatal morbidity and reduce mortality in high-risk human pregnancy. <b>2014</b> , 14, 150		43
334	Effects of short-term ingestion of Russian Tarragon prior to creatine monohydrate supplementation on whole body and muscle creatine retention and anaerobic sprint capacity: a preliminary investigation. <i>Journal of the International Society of Sports Nutrition</i> , <b>2014</b> , 11, 6	4.5	3

- 333 Comment on "Toxic hepatitis in a group of 20 male body-builders taking dietary supplements" by Timcheh-Hariri et al. (2012), *Food and Chemical Toxicology* 50, 3826-3832: alleged adverse effects of creatine supplementation and the lack of appreciation of the wide gap between experimental and clinical studies. **2014**, 64, 412-3
- 332 The effects of polyethylene glycosylated creatine supplementation on anaerobic performance measures and body composition. **2014**, 28, 825-33 13
- 331 Effect of creatine malate supplementation on physical performance, body composition and selected hormone levels in sprinters and long-distance runners. **2015**, 102, 114-22 4
- 330 Short-term creatine supplementation has no impact on upper-body anaerobic power in trained wrestlers. *Journal of the International Society of Sports Nutrition*, **2015**, 12, 45 4.5 12
- 329 Effect of Creatine Loading on Oxygen Uptake during a 1-km Cycling Time Trial. **2015**, 47, 2660-8 9
- 328 Effects of Creatine and Resistance Training on Bone Health in Postmenopausal Women. **2015**, 47, 1587-95 38
- 327 Metabogenic and Nutraceutical Approaches to Address Energy Dysregulation and Skeletal Muscle Wasting in Duchenne Muscular Dystrophy. *Nutrients*, **2015**, 7, 9734-67 6.7 14
- 326 Exercise training and Beta-alanine-induced muscle carnosine loading. *Frontiers in Nutrition*, **2015**, 2, 13 6.2 5
- 325 Performance Enhancing Diets and the PRISE Protocol to Optimize Athletic Performance. **2015**, 2015, 715859 11
- 324 A nutrition and conditioning intervention for natural bodybuilding contest preparation: case study. *Journal of the International Society of Sports Nutrition*, **2015**, 12, 20 4.5 35
- 323 Creatine and creatinine contents in different diet types for dogs - effects of source and processing. **2015**, 99, 1017-24 13
- 322 Effect of dietary creatine monohydrate supplementation on muscle lipid peroxidation and antioxidant capacity of transported broilers in summer. **2015**, 94, 2797-804 23
- 321 Vitamins/minerals as dietary supplements: a review of clinical studies. **2015**, 139-169 1
- 320 Sarcopenia [Potential Beneficial Effects of Creatine Supplementation. **2015**, 37-40
- 319 Exercise training, creatine supplementation, and bone health in ovariectomized rats. **2015**, 26, 1395-404 7
- 318 Strategic creatine supplementation and resistance training in healthy older adults. **2015**, 40, 689-94 39
- 317 Effects of long-term low-dose dietary creatine supplementation in older women. **2015**, 70, 97-104 28
- 316 Creatine loading elevates the intracellular phosphorylation potential and alters adaptive responses of rat fast-twitch muscle to chronic low-frequency stimulation. **2015**, 40, 671-82 3

315	Impact of creatine on muscle performance and phosphagen stores after immobilization. <i>European Journal of Applied Physiology</i> , <b>2015</b> , 115, 1877-86	3-4	5
314	Creatine Supplementation and Lower Limb Strength Performance: A Systematic Review and Meta-Analyses. <b>2015</b> , 45, 1285-1294		58
313	Nutritional Supplements for Endurance Athletes. <b>2015</b> , 253-272		2
312	Fluid Balance and Hydration for Human Performance. <b>2015</b> , 105-119		
311	Effective Nutritional Supplement Combinations. <b>2015</b> , 187-222		
310	Creatine and Caffeine: Considerations for Concurrent Supplementation. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2015</b> , 25, 607-23	4-4	21
309	Beyond the Obvious: Future Innovations in Sports Nutrition. <b>2015</b> , 363-374		1
308	Nutritional Supplements in Sports and Exercise. <b>2015</b> ,		0
307	High Intensity Exercise and Glycogen Depletion. <b>2016</b> , 5,		1
306	Effect of Preexercise Creatine Ingestion on Muscle Performance in Healthy Aging Males. <b>2016</b> , 30, 1763-6		8
305	Monitoring creatine and phosphocreatine by (13)C MR spectroscopic imaging during and after (13)C4 creatine loading: a feasibility study. <b>2016</b> , 48, 1857-66		3
304	Creatine ingestion augments dietary carbohydrate mediated muscle glycogen supercompensation during the initial 24 h of recovery following prolonged exhaustive exercise in humans. <b>2016</b> , 48, 1831-42		26
303	Co-ingestion of Nutritional Ergogenic Aids and High-Intensity Exercise Performance. <b>2016</b> , 46, 1407-18		18
302	The effects of creatine supplementation on thermoregulation and physical (cognitive) performance: a review and future prospects. <b>2016</b> , 48, 1843-55		20
301	Individual and combined effects of in-ovo injection of creatine monohydrate and glucose on somatic characteristics, energy status, and posthatch performance of broiler embryos and hatchlings. <b>2016</b> , 95, 2352-9		15
300	Creatine supplementation in the aging population: effects on skeletal muscle, bone and brain. <b>2016</b> , 48, 1793-805		56
299	Impact of creatine supplementation in combination with resistance training on lean mass in the elderly. <b>2016</b> , 7, 413-21		37
298	Efficacy and safety of creatine supplementation in juvenile dermatomyositis: A randomized, double-blind, placebo-controlled crossover trial. <b>2016</b> , 53, 58-66		17

297	Creatine: a miserable life without it. <b>2016</b> , 48, 1739-50		15
296	Mitochondriale Erkrankungen. <b>2016</b> , 18, 36-48		0
295	Creatine supplementation and glycemic control: a systematic review. <b>2016</b> , 48, 2103-29		17
294	Acute and chronic safety and efficacy of dose dependent creatine nitrate supplementation and exercise performance. <i>Journal of the International Society of Sports Nutrition</i> , <b>2016</b> , 13, 12	4-5	16
293	Creatine as an Ergogenic Aid for Female Athletes. <b>2016</b> , 38, 14-23		6
292	Creatine supplementation prevents hyperhomocysteinemia, oxidative stress and cancer-induced cachexia progression in Walker-256 tumor-bearing rats. <b>2016</b> , 48, 2015-24		21
291	Beyond muscles: The untapped potential of creatine. <b>2016</b> , 37, 31-42		43
290	Creatine supplementation decreases plasma lipid peroxidation markers and enhances anaerobic performance in rats. <b>2016</b> , 21, 31-36		6
289	Effects of Coffee and Caffeine Anhydrous Intake During Creatine Loading. <b>2016</b> , 30, 1438-46		8
288	Creatine supplementation as a possible new therapeutic approach for fatty liver disease: early findings. <b>2016</b> , 48, 1983-91		15
287	New strategies in sport nutrition to increase exercise performance. <b>2016</b> , 98, 144-158		86
286	Creatine supplementation decreased homocysteine plasma levels in rats but not humans: A critical review with meta-analysis. <b>2016</b> , 3, 50-57		1
285	Whole body creatine and protein kinetics in healthy men and women: effects of creatine and amino acid supplementation. <b>2016</b> , 48, 677-687		9
284	Creatine co-ingestion with carbohydrate or cinnamon extract provides no added benefit to anaerobic performance. <b>2016</b> , 16, 685-93		2
283	Fenugreek increases insulin-stimulated creatine content in L6C11 muscle myotubes. <b>2017</b> , 56, 973-979		8
282	"Nutraceuticals" in relation to human skeletal muscle and exercise. <b>2017</b> , 312, E282-E299		39
281	Plasma Creatine Kinetics After Ingestion of Microencapsulated Creatine Monohydrate with Enhanced Stability in Aqueous Solutions. <b>2017</b> , 14, 433-445		
280	Effects on Energy Metabolism of Two Guanidine Molecules, (Boc) -Creatine and Metformin. <b>2017</b> , 118, 2700-2711		4

279	Effect of low dose, short-term creatine supplementation on muscle power output in elite youth soccer players. <i>Journal of the International Society of Sports Nutrition</i> , <b>2017</b> , 14, 5	4.5	15
278	Nutrition, frailty, and sarcopenia. <b>2017</b> , 29, 43-48		206
277	Twenty-four Weeks of Alanine Supplementation on Carnosine Content, Related Genes, and Exercise. <b>2017</b> , 49, 896-906		50
276	Manipulation of Muscle Creatine and Glycogen Changes Dual X-ray Absorptiometry Estimates of Body Composition. <b>2017</b> , 49, 1029-1035		45
275	NMR-based metabolomic analysis for the effects of creatine supplementation on mouse myoblast cell line C2C12. <b>2017</b> , 49, 617-627		3
274	Effect of age, diet, and tissue type on PCr response to creatine supplementation. <b>2017</b> , 123, 407-414		23
273	International Society of Sports Nutrition position stand: safety and efficacy of creatine supplementation in exercise, sport, and medicine. <i>Journal of the International Society of Sports Nutrition</i> , <b>2017</b> , 14, 18	4.5	215
272	Perspectives on Exertional Rhabdomyolysis. <b>2017</b> , 47, 33-49		65
271	Intradialytic creatine supplementation: A scientific rationale for improving the health and quality of life of dialysis patients. <b>2017</b> , 99, 1-14		13
270	Creatine Monohydrate Enhances Energy Status and Reduces Glycolysis via Inhibition of AMPK Pathway in Pectoralis Major Muscle of Transport-Stressed Broilers. <b>2017</b> , 65, 6991-6999		20
269	Different protein and derivatives supplementation strategies combined with resistance training in pre-frail and frail elderly: Rationale and protocol for the "Pro-Elderly" Study. <b>2017</b> , 23, 251-260		5
268	Selected In-Season Nutritional Strategies to Enhance Recovery for Team Sport Athletes: A Practical Overview. <b>2017</b> , 47, 2201-2218		56
267	Does brain creatine content rely on exogenous creatine in healthy youth? A proof-of-principle study. <b>2017</b> , 42, 128-134		13
266	Creatine in the brain. <b>2017</b> , 6, 215-217		1
265	Vegan diets: practical advice for athletes and exercisers. <i>Journal of the International Society of Sports Nutrition</i> , <b>2017</b> , 14, 36	4.5	72
264	The effect of combined supplementation of carbohydrates and creatine on anaerobic performance. <b>2017</b> , 34, 169-175		4
263	Evidence-Based Supplements for the Enhancement of Athletic Performance. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2018</b> , 28, 178-187	4.4	73
262	Une nouvelle tendance en nutrition sportive, la pfiodisation nutritionnelle. <b>2018</b> , 57, 30-35		

261	Creatine enhances the duration of sperm capacitation: a novel factor for improving in vitro fertilization with small numbers of sperm. <b>2018</b> , 33, 1117-1129		17
260	Creatine Monohydrate Supplementation: Considerations for Cognitive Performance in Athletes. <b>2018</b> , 40, 82-93		3
259	Dietary Supplements for Health, Adaptation, and Recovery in Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2018</b> , 28, 188-199	4.4	59
258	IOC Consensus Statement: Dietary Supplements and the High-Performance Athlete. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2018</b> , 28, 104-125	4.4	159
257	Hydrophilic interaction chromatography coupled to tandem mass spectrometry as a method for simultaneous determination of guanidinoacetate and creatine. <b>2018</b> , 1028, 96-103		6
256	IOC consensus statement: dietary supplements and the high-performance athlete. <b>2018</b> , 52, 439-455		237
255	Creatine Use in Sports. <b>2018</b> , 10, 31-34		28
254	Nutritional Interventions for Mitochondrial OXPHOS Deficiencies: Mechanisms and Model Systems. <b>2018</b> , 13, 163-191		17
253	The effects of 10 weeks of β-alanine supplementation on peak power, power drop, and lactate response in Korean national team boxers. <b>2018</b> , 14, 985-992		3
252	The effect of creatine supplementation on the response of central and peripheral pulse wave velocity to high-intensity resistance exercise. <b>2018</b> , 5, 1512352		
251	Efficacy of guanidinoacetic acid on growth and muscle energy metabolism in broiler chicks receiving arginine-deficient diets. <b>2018</b> , 97, 890-900		22
250	Safety of Creatine Supplementation in Active Adolescents and Youth: A Brief Review. <i>Frontiers in Nutrition</i> , <b>2018</b> , 5, 115	6.2	8
249	Creatine-electrolyte supplementation improves repeated sprint cycling performance: A double blind randomized control study. <i>Journal of the International Society of Sports Nutrition</i> , <b>2018</b> , 15, 21	4.5	8
248	Diet and Sport. <b>2018</b> , 127-139		1
247	Bone Broth Unlikely to Provide Reliable Concentrations of Collagen Precursors Compared With Supplemental Sources of Collagen Used in Collagen Research. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2019</b> , 29, 265-272	4.4	2
246	Beyond muscle: the effects of creatine supplementation on brain creatine, cognitive processing, and traumatic brain injury. <b>2019</b> , 19, 1-14		41
245	Placental creatine metabolism in cases of placental insufficiency and reduced fetal growth. <b>2019</b> , 25, 495-505		7
244	Variables Influencing the Effectiveness of Creatine Supplementation as a Therapeutic Intervention for Sarcopenia. <i>Frontiers in Nutrition</i> , <b>2019</b> , 6, 124	6.2	21

243	Muscular Atrophy and Sarcopenia in the Elderly: Is There a Role for Creatine Supplementation?. <b>2019, 9,</b>		12
242	Creatine supplementation improves performance above critical power but does not influence the magnitude of neuromuscular fatigue at task failure. <i>Experimental Physiology</i> , <b>2019</b> , 104, 1881-1891	2.4	6
241	Analysis of chemical exchange saturation transfer contributions from brain metabolites to the Z-spectra at various field strengths and pH. <b>2019, 9,</b> 1089		23
240	Nutritional Regulation of Mitochondrial Function. <b>2019,</b> 93-126		4
239	Exercise Metabolism in Health and Disease. <b>2019,</b> 57-96		4
238	Creatine Supplementation Improves Phosphagen Energy Pathway During Supramaximal Effort, but Does Not Improve Anaerobic Capacity or Performance. <b>2019, 10,</b> 352		8
237	Guanidinoacetic acid is efficacious in improving growth performance and muscle energy homeostasis in broiler chicks fed arginine-deficient or arginine-adequate diets. <b>2019, 98,</b> 2896-2905		9
236	Dietary creatine requirement of red drum ( <i>Sciaenops ocellatus</i> ) and effects of water salinity on responses to creatine supplementation. <b>2019,</b> 506, 320-324		10
235	Effectiveness of Creatine Supplementation on Aging Muscle and Bone: Focus on Falls Prevention and Inflammation. <b>2019, 8,</b>		44
234	Effects of guanidinoacetic acid on growth performance, creatine metabolism and plasma amino acid profile in broilers. <b>2019, 103,</b> 766-773		5
233	Examining the effects of creatine supplementation in augmenting adaptations to resistance training in patients with prostate cancer undergoing androgen deprivation therapy: a randomised, double-blind, placebo-controlled trial. <b>2019, 9,</b> e030080		2
232	Effect of Creatine Supplementation on the Airways of Youth Elite Soccer Players. <b>2019, 51,</b> 1582-1590		4
231	Sports and Exercise Supplements. <b>2019,</b> 579-635		1
230	Short term creatine loading without weight gain improves sprint, agility and leg strength performance in female futsal players. <b>2019, 34,</b> 321-327		3
229	Nutritional Considerations for Concurrent Training. <b>2019,</b> 229-252		
228	The potential therapeutic effects of creatine supplementation on body composition and muscle function in cancer. <b>2019, 133,</b> 46-57		17
227	Performance-Enhancing Drugs and Sports Supplements for Resistance Training. <b>2019,</b> 31-47		
226	Sports Foods and Dietary Supplements for Optimal Function and Performance Enhancement in Track-and-Field Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2019, 29,</b> 198-209	1.4	29

225	Nutrition in Combat Sports. <b>2019</b> , 109-122		3
224	Nutrition for Strength Adaptations. <b>2019</b> , 345-357		
223	Physiological Basis for Creatine Supplementation in Skeletal Muscle and the Central Nervous System. <b>2019</b> , 581-594		1
222	Oral Bioavailability of Creatine Supplements: Insights Into Mechanism and Implications for Improved Absorption. <b>2019</b> , 595-604		
221	Endogenous neuroprotection after perinatal hypoxia-ischaemia: the resilient developing brain. <b>2019</b> , 49, 79-99		1
220	Creatine supplementation can improve impact control in high-intensity interval training. <i>Nutrition</i> , <b>2019</b> , 61, 99-104	4.8	1
219	Creatine in Skeletal Muscle Physiology. <b>2019</b> , 59-68		4
218	Effects of Dietary Supplements on Adaptations to Endurance Training. <b>2020</b> , 50, 25-53		25
217	Does Creatine Supplementation Affect Renal Function in Patients with Peripheral Artery Disease? A Randomized, Double Blind, Placebo-controlled, Clinical Trial. <b>2020</b> , 63, 45-52		2
216	Creatine Supplementation (3 g/d) and Bone Health in Older Women: A 2-Year, Randomized, Placebo-Controlled Trial. <b>2020</b> , 75, 931-938		13
215	Total body skeletal muscle mass estimated by magnetic resonance imaging and creatine (methyl-d) dilution in athletes. <b>2020</b> , 30, 421-428		1
214	Effects of supplemental creatine and guanidinoacetic acid on spatial memory and the brain of weaned Yucatan miniature pigs. <b>2020</b> , 15, e0226806		4
213	Acceptability of dietary or nutritional supplementation in pregnancy (ADONS) - Exploring the consumer's perspective on introducing creatine monohydrate as a pregnancy supplement. <b>2020</b> , 82, 102599		5
212	The Evolving Applications of Creatine Supplementation: Could Creatine Improve Vascular Health?. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	11
211	Skeletal muscle energy metabolism during exercise. <b>2020</b> , 2, 817-828		128
210	Creatine supplementation does not promote tumor growth or enhance tumor aggressiveness in Walker-256 tumor-bearing rats. <i>Nutrition</i> , <b>2020</b> , 79-80, 110958	4.8	1
209	Dietary guanidinoacetic acid response on digestibility, growth performance, feed utilization and carcass quality in Nile Tilapia ( <i>Oreochromis niloticus</i> ). <b>2020</b> , 51, 5141-5150		0
208	Repeated Application of a Novel Creatine Cream Improves Muscular Peak and Average Power in Male Subjects. <b>2020</b> , 34, 2482-2491		

207	The Potential of Guanidino Acetic Acid to Reduce the Occurrence and Severity of Broiler Muscle Myopathies. <b>2020</b> , 11, 909		1
206	Nutritional Interventions in Cancer Cachexia: Evidence and Perspectives From Experimental Models. <i>Frontiers in Nutrition</i> , <b>2020</b> , 7, 601329	6.2	14
205	Evolution of the use of sports supplements. <b>2020</b> , 14, 100239		1
204	Effects of supplementation with creatine monohydrate and beta-alanine, alone or combined, on repeated sprint performance and physiological parameters in amateur team and racket sport players. <b>2020</b> , 52, 115-123		1
203	Risk of Adverse Outcomes in Females Taking Oral Creatine Monohydrate: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	10
202	Cyclocreatine Transport by SLC6A8, the Creatine Transporter, in HEK293 Cells, a Human Blood-Brain Barrier Model Cell, and CCDSs Patient-Derived Fibroblasts. <b>2020</b> , 37, 61		3
201	Effects of Creatine Supplementation during Resistance Training Sessions in Physically Active Young Adults. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	6
200	The Muscle Carnosine Response to Beta-Alanine Supplementation: A Systematic Review With Bayesian Individual and Aggregate Data E-Max Model and Meta-Analysis. <b>2020</b> , 11, 913		9
199	Nutritional Supplements to Support Resistance Exercise in Countering the Sarcopenia of Aging. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	21
198	Application of Raman spectroscopy to diagnose the metabolic state of volleyball and soccer players through the identification of urine components. <b>2020</b> , 48, 361-375		5
197	Benefits of Creatine Supplementation for Vegetarians Compared to Omnivorous Athletes: A Systematic Review. <b>2020</b> , 17,		20
196	The Effect of Creatine Supplementation on Muscle Function in Childhood Myositis: A Randomized, Double-blind, Placebo-controlled Feasibility Study. <b>2021</b> , 48, 434-441		4
195	Effect of 12 months of creatine supplementation and whole-body resistance training on measures of bone, muscle and strength in older males. <b>2021</b> , 27, 151-159		5
194	UEFA expert group statement on nutrition in elite football. Current evidence to inform practical recommendations and guide future research. <b>2021</b> , 55, 416		35
193	Growth performance, robustness against stress, serum insulin, IGF-1 and GLUT4 gene expression of red tilapia ( <i>Oreochromis sp.</i> ) fed diet containing graded levels of creatine. <b>2021</b> , 27, 274-286		5
192	Creatine in Health and Disease. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	23
191	Nutrition, supplementation and weight reduction in combat sports: a review. <b>2021</b> , 8, 485-498		
190	Creatine supplementation in the aging brain. <b>2021</b> , 379-388		

189 Boosting Performance. **2021**, 13, 109-110

188 Potential of Creatine in Glucose Management and Diabetes. *Nutrients*, **2021**, 13, 6.7 8

187 Common questions and misconceptions about creatine supplementation: what does the scientific evidence really show?. *Journal of the International Society of Sports Nutrition*, **2021**, 18, 13 4.5 23

186 Oral fucoidan improves muscle size and strength in mice. **2021**, 9, e14730 1

185 Efficacy of Alternative Forms of Creatine Supplementation on Improving Performance and Body Composition in Healthy Subjects. **2021**, Publish Ahead of Print, 1

184 Chronic pantothenic acid supplementation does not affect muscle coenzyme A content or cycling performance. **2021**, 46, 280-283 1

183 Sprint Interval Exercise Performance in Vegans. **2021**, 1-8

182 The Effects of Oral Creatine Supplement and Its Body Sensitivity on Body Fat and Muscle Contents. **2021**, 35, 141-154

181 Creatine Supplementation in Women's Health: A Lifespan Perspective. *Nutrients*, **2021**, 13, 6.7 4

180 Supplemental Creatine Modified With Polyethylene Glycol Effectively Loads Skeletal Muscle With Lower Doses. **2021**, 35, 1256-1261

179 The Potential Role of Creatine in Vascular Health. *Nutrients*, **2021**, 13, 6.7 6

178 Antioxidant activities of ethanolic extract of 'Annona muricata' against different pro-oxidant induced lipid peroxidation in rat brain and liver. **2021**, 9, 45-49

177 Metabolic Basis of Creatine in Health and Disease: A Bioinformatics-Assisted Review. *Nutrients*, **2021**, 13, 6.7 17

176 NON-STEROIDAL HUMAN PERFORMANCE ENHANCING AGENTS. **2021**, 57, 7-25

175 Sex differences and considerations for female specific nutritional strategies: a narrative review. *Journal of the International Society of Sports Nutrition*, **2021**, 18, 27 4.5 10

174 Role of Creatine in the Heart: Health and Disease. *Nutrients*, **2021**, 13, 6.7 10

173 The Effect of Creatine Supplementation on Markers of Exercise-Induced Muscle Damage: A Systematic Review and Meta-Analysis of Human Intervention Trials. *International Journal of Sport Nutrition and Exercise Metabolism*, **2021**, 31, 276-291 4.4 3

172 Creatine Levels in Patients with Phenylketonuria and Mild Hyperphenylalaninemia: A Pilot Study. **2021**, 11,

171	The Application of Creatine Supplementation in Medical Rehabilitation. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	7
170	Efficacy of Creatine Supplementation and Resistance Training on Area and Density of Bone and Muscle in Older Adults. <b>2021</b> , 53, 2388-2395		0
169	Meta-Analysis Examining the Importance of Creatine Ingestion Strategies on Lean Tissue Mass and Strength in Older Adults. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	9
168	Creatine for Exercise and Sports Performance, with Recovery Considerations for Healthy Populations. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	8
167	The Validity of Ultrasound Technology in Providing an Indirect Estimate of Muscle Glycogen Concentrations Is Equivocal. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	1
166	Efficacy of Dietary and Supplementation Interventions for Individuals with Type 2 Diabetes. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
165	Creatine Supplementation: An Update. <b>2021</b> , 20, 338-344		0
164	Exercise-Induced Rhabdomyolysis: A Case Series of Spin-Related Rhabdomyolysis. <i>Cureus</i> , <b>2021</b> , 13, e16352		
163	Timing of Creatine Supplementation around Exercise: A Real Concern?. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	0
162	Sex-specific maturation of muscle metabolites carnosine, creatine, and carnitine over puberty: a longitudinal follow-up study. <b>2021</b> , 131, 1241-1250		1
161	GATM and GAMT synthesize creatine locally throughout the mammalian body and within oligodendrocytes of the brain. <b>2021</b> , 1770, 147627		4
160	Effect of Creatine Supplementation on Functional Capacity and Muscle Oxygen Saturation in Patients with Symptomatic Peripheral Arterial Disease: A Pilot Study of a Randomized, Double-Blind Placebo-Controlled Clinical Trial. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	2
159	No evidence for brown adipose tissue activation after creatine supplementation in adult vegetarians. <b>2021</b> , 3, 107-117		6
158	Introduction--creatine: cheap ergogenic supplement with great potential for health and disease. <b>2007</b> , 46, 1-16		19
157	Ergogenic Effects of Creatine in Sports and Rehabilitation. <b>2007</b> , 246-259		3
156	Effects of creatine supplementation on performance and training adaptations. <b>2003</b> , 89-94		3
155	Creatine supplementation enhances anaerobic ATP synthesis during a single 10 sec maximal handgrip exercise. <b>2003</b> , 105-112		1
154	Acute and moderate-term creatine monohydrate supplementation does not affect creatine transporter mRNA or protein content in either young or elderly humans. <b>2003</b> , 159-166		1

153	Creatine Supplementation in Endurance Sports. <b>2008</b> , 45-99	3
152	Creatine Consumption in Health. <b>2008</b> , 127-172	3
151	Effects and Safety of Dietary and Supplementary Creatine. <b>2000</b> , 33-39	1
150	Physiological Role of Creatine in Muscle Metabolism During Exercise. <b>2000</b> , 59-63	1
149	Experimental Observations of Creatine Phosphate and Creatine Metabolism. <b>1996</b> , 33-50	3
148	Legal pre-event nutritional supplements to assist energy metabolism. <b>2008</b> , 44, 27-43	11
147	Effects of Creatine Supplementation on Properties of Muscle, Bone, and Brain Function in Older Adults: A Narrative Review. <b>2021</b> , 1-18	8
146	Creatine supplementation does not improve sprint performance in competitive swimmers. <b>1996</b> , 28, 1435-41	79
145	Effect of oral creatine supplementation on muscle [PCr] and short-term maximum power output. <b>1997</b> , 29, 216-9	71
144	Effects of creatine loading and training on running performance and biochemical properties of rat skeletal muscle. <b>1997</b> , 29, 489-95	59
143	Creatine supplementation in endurance sports. <b>1998</b> , 30, 1123-9	72
142	Phosphocreatine resynthesis is not affected by creatine loading. <b>1999</b> , 31, 236-42	73
141	Long-term oral creatine supplementation does not impair renal function in healthy athletes. <b>1999</b> , 31, 1108-10	131
140	Performance and muscle fiber adaptations to creatine supplementation and heavy resistance training. <b>1999</b> , 31, 1147-56	224
139	Noninvasive measurement of muscle high-energy phosphates and glycogen concentrations in elite soccer players by <sup>31</sup> P- and <sup>13</sup> C-MRS. <b>1999</b> , 31, 1580-6	9
138	Creatine supplementation--part I: performance, clinical chemistry, and muscle volume. <b>1999</b> , 31, 1763-9	36
137	Creatine supplementation--part II: in vivo magnetic resonance spectroscopy. <b>1999</b> , 31, 1770-7	34
136	Human Skeletal Muscle has Large Capacity to Increase Carnosine Content in Response to Beta-Alanine Supplementation. A Systematic Review with Bayesian Individual and Aggregate Data E-Max Model and Meta-Analysis.	2

135	The role of phosphorylcreatine and creatine in the regulation of mitochondrial respiration in human skeletal muscle. <b>2001</b> , 537, 971-8	62
134	Creatine ( methyl-d) dilution in urine for estimation of total body skeletal muscle mass: accuracy and variability vs. MRI and DXA. <b>2018</b> , 124, 1-9	30
133	Other Ingredients. <b>2000</b> , 225-255	1
132	Creatine monohydrate increases strength in patients with neuromuscular disease. <b>1999</b> , 52, 854-7	155
131	Role of creatine supplementation in exercise-induced muscle damage: A mini review. <b>2015</b> , 11, 244-50	17
130	Phosphocreatine interacts with phospholipids, affects membrane properties and exerts membrane-protective effects. <b>2012</b> , 7, e43178	49
129	Guanidinoacetate is more effective than creatine at enhancing tissue creatine stores while consequently limiting methionine availability in Yucatan miniature pigs. <b>2015</b> , 10, e0131563	32
128	Nutritional Supplement for Athletic Performance: Based on Australian Institute of Sport Sports Supplement Framework. <b>2019</b> , 28, 211-220	2
127	Oral creatine supplementation attenuates muscle loss caused by limb immobilization: a systematic review. <b>2017</b> , 30, 831-838	4
126	Guidelines of the Brazilian Society of Sports Medicine: Dietary changes, fluid replacement, food supplements and drugs: demonstration of ergogenic action and potential health risks. <b>2003</b> , 9, 57-68	3
125	Modificações dietéticas, reposição hídrica, suplementos alimentares e drogas: comprovação de ação ergogênica e potenciais riscos para a saúde. <b>2009</b> , 15, 2-12	11
124	The effect of short-term creatine intake on blood lactic acid and muscle fatigue measured by accelerometer-based tremor response to acute resistance exercise. <b>2020</b> , 24, 29-36	3
123	Creatine supplementation improves performance, but is it safe? Double-blind placebo-controlled study. <b>2020</b> , 60, 1034-1039	2
122	The Effects of Early-Onset Pre-Eclampsia on Placental Creatine Metabolism in the Third Trimester. <b>2020</b> , 21,	4
121	Creatine Supplementation in Children and Adolescents. <i>Nutrients</i> , <b>2021</b> , 13,	6.7 4
120	Oral creatine supplementation: A potential adjunct therapy for rheumatoid arthritis patients. <b>2014</b> , 4, 22	3
119	Hypo-activity induced skeletal muscle atrophy and potential nutritional interventions: A review. <b>2013</b> , 2, 36	2
118	Supplementation and Ergogenic Aids for Enhancing Muscular Strength Production. <b>2022</b> , 363-380	

- 117 Timing of creatine supplementation does not influence gains in unilateral muscle hypertrophy or strength from resistance training in young adults: a within-subject design. **2021**, 61, 1219-1225 1
- 116 Impact of Oral Creatine Supplementation on Muscle Performance During Training and Rehabilitation. **2000**, 65-73
- 115 Factors Modifying Creatine Accumulation in Human Skeletal Muscle. **2000**, 75-82
- 114 Creatine Supplementation in Patients with Chronic Heart Failure. **2000**, 41-50
- 113 Creatine Supplementation and the Strength Athlete. **2000**, 157-174
- 112 Hydration and the Strength Athlete. **2000**, 197-213
- 111 Creatine. **2001**,
- 110 Creatine and Ginkgo Biloba Use in Sports and Health: A Knowledge Utilization Approach. **2002**, 135-157
- 109 Mitochondrial Approaches to Neuroprotection. **2002**, 95-113
- 108 Human skeletal muscle creatine transporter mRNA and protein expression in healthy, young males and females. **2003**, 151-157
- 107 Creatine supplementation in health and disease: What is the evidence for long-term efficacy?. **2003**, 49-55
- 106 Metabolic Myopathies. **2003**, 1385-1405
- 105 Creatine. **2004**, 81-104
- 104 Anabolic Steroids and Other Performance-Enhancing Substances in the Adolescent Athlete. **2006**, 105-112
- 103 Aides Ergogoniques Nutritionnelles et Pratique Sportive. **2007**, 183-212
- 102 Creatine. **2007**,
- 101 Introduction to Sports Nutrition. **2007**, 1-22
- 100 Essential Amino Acids. **2007**, 207-251

99 Creatine Supplementation and Women Athletes. **2008**, 101-126

98 Creatine Oral Supplementation : Muscle Strength, Mechanism of Action, and Loading Protocol. **2008**, 19, 18-33

97 Energy Requirements. **2009**, 1-21

96 Nutrition, Pharmacology, and Psychology in Sports. **2010**, 399-461

95 Natural Health Products in Parkinson Disease. **2010**, 75-106

94 Nutrition. **2011**, 105-115

93 The effect of combined creatine and sodium bicarbonate supplementation on high intensity anaerobic exercise ability and concentration of plasma creatine and lactate.. **2011**, 20, 139-148

92 Effect of Carbohydrate and Creatine Supplementation on 2000M Rowing Performance in Collegiate Elite Rowers. **2011**, 22, 1825-1840

91 Nutrition for Power and Sprint Training. 134-145

90 Supplements and Ergogenic Aids. 89-119

89 Creatine. **2012**, 105-118

88 ??? ???? ???? ??? ????? ?? ?????. **2012**, 23, 155-166

3

87 References. 239-263

86 Effects of creatine and vitamin E on muscle energetic metabolism, antioxidant stability and meat quality of pigs. **2013**, 60, 151-160

0

85 Principles of Sports Nutrition. **2014**, 46-89

84 Ergogenic Effects of the Creatine Supplementation During the Training of Top-Class Athletes. **1996**, 165-172

83 Nutritional Preparation for Sports Performance. **1996**, 155-163

82 Creatine supplementation in health and disease. Effects of chronic creatine ingestion in vivo: Down-regulation of the expression of creatine transporter isoforms in skeletal muscle. **1998**, 427-437

2

81	Theoretical modelling of some spatial and temporal aspects of the mitochondrion/creatine kinase myofibril system in muscle. <b>1998</b> , 249-289		
80	Carbohydrate Utilization and Disposal in Strength/Power Training and Sports: Examining the Underexamined. <b>2015</b> , 329-342		
79	The Effects of Creatine Oral Delivery on the Muscular Activity and Blood Lactate Density of Rowing Athletes. <b>2015</b> , 27, 537-545		1
78	Dietary Supplements for Strength Power Athletes. <b>2015</b> , 87-103		
77	THE BIDIRECTIONAL EFFECT OF CREATINE SUPPORTS THE MAINTENANCE OF OXIDANT-ANTIOXIDANT HOMEOSTASIS DURING EXERCISE. <b>2021</b> , 9, 18-28		
76	An open-label randomized trial of exercise + creatine supplementation to augment the adaptations of exercise training in breast cancer survivors completing chemotherapy: a study protocol for The THRIVE Study (Preprint).		
75	Exercise and Creatine Supplementation to Augment the Adaptation of Exercise Training Among Breast Cancer Survivors Completing Chemotherapy: Protocol for an Open-label Randomized Controlled Trial (the THRIVE Study).. <b>2022</b> , 11, e26827		
74	FTIR spectroscopy for quality evaluation of sports supplements on the Polish market. <b>2020</b> , 177-185		2
73	The Effects of Creatine and Related Compounds on Cardiovascular System: From Basic to Applied Studies. <b>2020</b> ,		0
72	Pharmacokinetics of Creatine. <b>2007</b> , 262-273		
71	Sports Applications of Creatine. <b>2008</b> , 305-319		
70	Elevated Anterior Compartment Pressure in the Leg After Creatine Supplementation: A Controlled Case Report. <i>Journal of Athletic Training</i> , <b>2001</b> , 36, 85-88	4	5
69	Creatine Supplementation Increases Total Body Water Without Altering Fluid Distribution. <i>Journal of Athletic Training</i> , <b>2003</b> , 38, 44-50	4	43
68	The Effects of Low-Dose Creatine Supplementation Versus Creatine Loading in Collegiate Football Players. <i>Journal of Athletic Training</i> , <b>2001</b> , 36, 124-129	4	8
67	Changes in Lower Leg Anterior Compartment Pressure Before, During, and After Creatine Supplementation. <i>Journal of Athletic Training</i> , <b>2002</b> , 37, 157-163	4	14
66	A Comparison of Thermoregulation With Creatine Supplementation Between the Sexes in a Thermoneutral Environment. <i>Journal of Athletic Training</i> , <b>2004</b> , 39, 50-55	4	6
65	Creatine and phosphocreatine: a review of their use in exercise and sport. <i>Journal of Athletic Training</i> , <b>1997</b> , 32, 45-51	4	28
64	Creatine use and exercise heat tolerance in dehydrated men. <i>Journal of Athletic Training</i> , <b>2006</b> , 41, 18-29		16

63	Creatine supplementation and anterior compartment pressure during exercise in the heat in dehydrated men. <i>Journal of Athletic Training</i> , <b>2006</b> , 41, 30-5	4	15
62	Short and longer-term effects of creatine supplementation on exercise induced muscle damage. <i>Journal of Sports Science and Medicine</i> , <b>2009</b> , 8, 89-96	2.7	14
61	The effects of Creatine Long-Term Supplementation on Muscle Morphology and Swimming Performance in Rats. <i>Journal of Sports Science and Medicine</i> , <b>2009</b> , 8, 516-22	2.7	2
60	Exercise performance and muscle contractile properties after creatine monohydrate supplementation in aerobic-anaerobic training rats. <i>Journal of Sports Science and Medicine</i> , <b>2007</b> , 6, 423-8 <sup>2.7</sup>		
59	Creatine supplementation and swim performance: a brief review. <i>Journal of Sports Science and Medicine</i> , <b>2006</b> , 5, 10-24	2.7	3
58	Effects of creatine, ginseng, and astragalus supplementation on strength, body composition, mood, and blood lipids during strength-training in older adults. <i>Journal of Sports Science and Medicine</i> , <b>2006</b> , 5, 60-9	2.7	2
57	The use of varying creatine regimens on sprint cycling. <i>Journal of Sports Science and Medicine</i> , <b>2003</b> , 2, 88-97	2.7	5
56	Creatine supplementation and exercise performance: a brief review. <i>Journal of Sports Science and Medicine</i> , <b>2003</b> , 2, 123-32	2.7	14
55	Creatine supplementation induces alteration in cross-sectional area in skeletal muscle fibers of wistar rats under swimming training. <i>Journal of Sports Science and Medicine</i> , <b>2002</b> , 1, 87-95	2.7	6
54	Nutritional approaches to counter performance constraints in high-level sports competition. <i>Experimental Physiology</i> , <b>2021</b> , 106, 2304-2323	2.4	2
53	Interaction Between Caffeine and Creatine When Used as Concurrent Ergogenic Supplements: A Systematic Review.. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2022</b> , 1-11	4.4	1
52	Supplementation and Performance for Wheelchair Athletes: A Systematic Review. <i>Adapted Physical Activity Quarterly</i> , <b>2021</b> , 1-15	1.7	0
51	Creatine Supplementation Improves Physical Performance, Without Negative Effects on Health Markers, in Young Weightlifters. <i>Journal of Science in Sport and Exercise</i> , 1	1	0
50	Anti-Inflammatory and Anti-Catabolic Effects of Creatine Supplementation: A Brief Review.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	1
49	Role of Creatine Supplementation in Conditions Involving Mitochondrial Dysfunction: A Narrative Review.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	2
48	Theoretical modelling of some spatial and temporal aspects of the mitochondrion/creatine kinase/myofibril system in muscle. <i>Molecular and Cellular Biochemistry</i> , <b>1998</b> , 184, 249-89	4.2	10
47	Creatine supplementation in health and disease. Effects of chronic creatine ingestion in vivo: down-regulation of the expression of creatine transporter isoforms in skeletal muscle. <i>Molecular and Cellular Biochemistry</i> , <b>1998</b> , 184, 427-37	4.2	43
46	Creatine supplementation in health and disease: what is the evidence for long-term efficacy?. <i>Molecular and Cellular Biochemistry</i> , <b>2003</b> , 244, 49-55	4.2	3

45	Effects of creatine supplementation on performance and training adaptations. <i>Molecular and Cellular Biochemistry</i> , <b>2003</b> , 244, 89-94	4.2	50
44	Creatine supplementation enhances anaerobic ATP synthesis during a single 10 sec maximal handgrip exercise. <i>Molecular and Cellular Biochemistry</i> , <b>2003</b> , 244, 105-12	4.2	5
43	Human skeletal muscle creatine transporter mRNA and protein expression in healthy, young males and females. <i>Molecular and Cellular Biochemistry</i> , <b>2003</b> , 244, 151-7	4.2	5
42	Acute and moderate-term creatine monohydrate supplementation does not affect creatine transporter mRNA or protein content in either young or elderly humans. <i>Molecular and Cellular Biochemistry</i> , <b>2003</b> , 244, 159-66	4.2	13
41	"Food First but Not Always Food Only": Recommendations for Using Dietary Supplements in Sport.. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2022</b> , 1-16	4.4	2
40	Suplementación con creatina y cerebro: una revisión narrativa que merece ser valorada. <i>Revista De Investigación De La Universidad Norbert Wiener</i> , <b>2022</b> , 11, 1-14	0.1	
39	Bioavailability, Efficacy, Safety, and Regulatory Status of Creatine and Related Compounds: A Critical Review.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	2
38	Effects of Creatine Supplementation on Brain Function and Health.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	4
37	Effects of short-term betaine supplementation on muscle endurance and indices of endocrine function following acute high-intensity resistance exercise in young athletes. <i>Journal of the International Society of Sports Nutrition</i> , <b>2022</b> , 19, 1-16	4.5	0
36	Anthocyanin-Rich Supplementation: Emerging Evidence of Strong Potential for Sport and Exercise Nutrition.. <i>Frontiers in Nutrition</i> , <b>2022</b> , 9, 864323	6.2	0
35	Effects of Oral Creatine Supplementation on Power Output during Repeated Treadmill Sprinting.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	3
34	Creatine supplementation and VOmax: a systematic review and meta-analysis. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-12	11.5	0
33	The regulating pathway of creatine on muscular protein metabolism depends on the energy state.. <i>American Journal of Physiology - Cell Physiology</i> , <b>2022</b> ,	5.4	0
32	Light exposure for improving cognition during sleep loss and circadian misalignment. 184-198		
31	Table_1.DOCX. <b>2020</b> ,		
30	Table_1.docx. <b>2020</b> ,		
29	Energy substrates, hormone responses and glucocorticoid binding in lymphocytes during intense physical exercise in humans following phosphocreatine administration. <i>European Journal of Applied Physiology</i> , <b>1996</b> , 74, 534-540	3.4	
28	Individual Responses to Creatine Supplementation on Muscular Power is Modulated by Gene Polymorphisms in Military Recruits. <i>Journal of Science in Sport and Exercise</i> , 1	1	

27	Pharmacokinetic Evaluation of a Single 5-Gram Bolus of Creatine Monohydrate Versus Two Other Creatine-Containing Investigational Products. <i>Cureus</i> , <b>2022</b> ,	1.2	
26	Creatine O'Clock: Does Timing of Ingestion Really Influence Muscle Mass and Performance?. <i>Frontiers in Sports and Active Living</i> , 4,	2.3	○
25	Therapeutic role of nutraceuticals in mitochondrial disorders. <b>2022</b> , 313-358		
24	Creatine supplementation for older adults: Focus on sarcopenia, osteoporosis, frailty and Cachexia. <i>Bone</i> , <b>2022</b> , 116467	4.7	○
23	Anaerobic Metabolism During Exercise. <i>Physiology in Health and Disease</i> , <b>2022</b> , 51-70	0.2	○
22	The Influence of Age, Sex, and Type of Exercise on the Efficacy of Creatine Supplementation on Lean Body Mass: A Systematic Review and Meta-analysis of Randomized Clinical Trials. <i>Nutrition</i> , <b>2022</b> , 111791	4.8	
21	Creatine Monohydrate Supplementation, but not Creatyl-L-Leucine, Increased Muscle Creatine Content in Healthy Young Adults: A Double-Blind Randomized Controlled Trial. <b>2022</b> , 1-7		○
20	Einflussfaktoren auf die Laktatleistungskurve. <b>2022</b> , 363-445		○
19	Methoden zur Beurteilung der anaeroben Leistungsfähigkeit und Kapazität. <b>2022</b> , 607-626		○
18	Psychosocial aspects of sports medicine in pediatric athletes: Current concepts in the 21st century. <b>2022</b> , 101482		○
17	In ovo feeding of creatine monohydrate increases performances of hatching and development in breeder chicks. 1-11	2	
16	Stabilization Effects Induced by Trehalose on Creatine Aqueous Solutions Investigated by Infrared Spectroscopy. <b>2022</b> , 27, 6310		○
15	Creatine monohydrate for mitochondrial nutrition. <b>2023</b> , 383-415		○
14	Skeletal muscle mass can be estimated by creatine (methyl-d3) dilution and is correlated with fat-free mass in active young males.		○
13	Nutritional Compounds to Improve Post-Exercise Recovery. <b>2022</b> , 14, 5069		○
12	Anabolic-Androgenic steroids: How do they work and what are the risks?. 13,		○
11	Food for Thought: Physiological Considerations for Nutritional Ergogenic Efficacy.		○
10	Protective Effect of <i>Andrographis paniculata</i> against Oxidative Damage in C2C12 Skeletal Muscle Cells. <b>2022</b> , 51, 1259-1265		○

- 9 Effects of Creatine Supplementation after 20 Minutes of Recovery in a Bench Press Exercise Protocol in Moderately Physically Trained Men. **2023**, 15, 657 ○
- 8 Effects of feeding guanidinoacetic acid on oxidative status and creatine metabolism in broilers subjected to chronic cyclic heat stress in the finisher phase. **2023**, 102, 102653 ○
- 7 L-Carnitine and Chronic Kidney Disease: A Comprehensive Review on Nutrition and Health Perspectives. **2023**, 13, 298 ○
- 6 Vegan and Omnivorous High Protein Diets Support Comparable Daily Myofibrillar Protein Synthesis Rates and Skeletal Muscle Hypertrophy in Young Adults. **2023**, ○  
1
- 5 Creatine supplementation combined with blood flow restriction training enhances muscle thickness and performance: a randomized, placebo-controlled, and double-blind study. ○
- 4 Effects of Creatine Monohydrate on Endurance Performance in a Trained Population: A Systematic Review and Meta-analysis. **2023**, 53, 1017-1027 ○
- 3 Is It Time for a Requiem for Creatine Supplementation-Induced Kidney Failure? A Narrative Review. **2023**, 15, 1466 ○
- 2 The effects of creatine supplementation on cognitive performance - a randomised controlled study. ○
- 1 Nutritional Considerations for the Vegan Athlete. **2023**, ○