# Joan Aureli Cadefau

List of Publications by Year
in descending order



| 45 | 1,251 | 471509 17 | 361022 35 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 47 | 47 | 47 | 1723 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hamstring Muscle Volume as an Indicator of Sprint Performance. Journal of Strength and Conditioning Research, 2021, 35, 902-909. | 2.1 | 11 |
| 2 | Integrating External and Internal Load for Monitoring Fitness and Fatigue Status in Standard Microcycles in Elite Rink Hockey. Frontiers in Physiology, 2021, 12, 698463. | 2.8 | 6 |
| 3 | Hypertrophic muscle changes and sprint performance enhancement during a sprintâ€based training macrocycle in nationalâ€level sprinters. European Journal of Sport Science, 2020, 20, 793-802. | 2.7 | 12 |
| 4 | Sex differences in thigh muscle volumes, sprint performance and mechanical properties in national-level sprinters. PLoS ONE, 2019, 14, e0224862. | 2.5 | 20 |
| 5 | Fibre-type-specific and Mitochondrial Biomarkers of Muscle Damage after Mountain Races. International Journal of Sports Medicine, 2019, 40, 253-262. | 1.7 | 6 |
| 6 | Initial Maximum Push-Rim Propulsion and Sprint Performance in Elite Wheelchair Rugby Players. Journal of Strength and Conditioning Research, 2019, 33, 857-865. | 2.1 | 3 |
| 7 | Assessment of muscle fiber adaptation in footballers using a new ELISA assay of myosin isoforms. Journal of Sports Medicine and Physical Fitness, 2019, 59, 1828-1834. | 0.7 | 1 |
| 8 | Early Functional and Morphological Muscle Adaptations During Short-Term Inertial-Squat Training. Frontiers in Physiology, 2018, 9, 1265. | 2.8 | 29 |
| 9 | Time Course and Association of Functional and Biochemical Markers in Severe Semitendinosus Damage Following Intensive Eccentric Leg Curls: Differences between and within Subjects. Frontiers in Physiology, 2018, 9, 54. | 2.8 | 12 |
| 10 | Metabolic adaptations in skeletal muscle after 84 days of bed rest with and without concurrent flywheel resistance exercise. Journal of Applied Physiology, 2017, 122, 96-103. | 2.5 | 24 |
| 11 | Skeletal muscle signaling, metabolism, and performance during sprint exercise in severe acute hypoxia after the ingestion of antioxidants. Journal of Applied Physiology, 2017, 123, 1235-1245. | 2.5 | 14 |
| 12 | Effects of High Velocity Elastic Band versus Heavy Resistance Training on Hamstring Strength, Activation, and Sprint Running Performance. Journal of Sports Science and Medicine, 2017, 16, 239-246. | 1.6 | 10 |
| 13 | Advances in Exercise, Physical Activity, and Diabetes Mellitus. Diabetes Technology and Therapeutics, 2016, 18, S-76-S-85. | 4.4 | 15 |
| 14 | Sarcomere Disruptions of Slow Fiber Resulting From Mountain Ultramarathon. International Journal of Sports Physiology and Performance, 2015, 10, 1041-1047. | 2.3 | 19 |
| 15 | Circulating miR-192 and miR-193b Are Markers of Prediabetes and Are Modulated by an Exercise Intervention. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E407-E415. | 3.6 | 127 |
| 16 | Muscle enzyme and fiber typeâ€specific sarcomere protein increases in serum after inertial concentricâ€eccentric exercise. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, e547-57. | 2.9 | 27 |
| 17 | Upregulation of heart PFK-2/FBPase-2 isozyme in skeletal muscle after persistent contraction. Pflugers Archiv European Journal of Physiology, 2012, 463, 603-613. | 2.8 | 6 |
| 18 | The changes in the energy metabolism of human muscle induced by training. Journal of Theoretical Biology, 2008, 252, 402-410. | 1.7 | 6 |

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|---|---|---|---|
| 19 | Fast and slow myosins as markers of muscle injury. British Journal of Sports Medicine, 2008, 42, 581-584. | 6.7 | 32 |
| 20 | Effects of dietary cis and trans unsaturated and saturated fatty acids on the glucose metabolites and enzymes of rats. British Journal of Nutrition, 2006, 95, 947-954. | 2.3 | 16 |
| 21 | Phosphorylation-dependent Translocation of Glycogen Synthase to a Novel Structure during Glycogen Resynthesis. Journal of Biological Chemistry, 2005, 280, 23165-23172. | 3.4 | 57 |
| 22 | Disturbances of the sarcoplasmic reticulum and transverse tubular system in 24-h electrostimulated fast-twitch skeletal muscle. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1668, 64-74. | 2.6 | 5 |
| 23 | Differences between glycogen biogenesis in fast- and slow-twitch rabbit muscle. Biochimica Et Biophysica Acta - General Subjects, 2003, 1620, 65-71. | 2.4 | 6 |
| 24 | Glycogen depletion and resynthesis during 14 days of chronic low-frequency stimulation of rabbit muscle. Biochimica Et Biophysica Acta - General Subjects, 2002, 1573, 68-74. | 2.4 | 6 |
| 25 | Changes of skeletal muscle proteases activities during a chronic low-frequency stimulation period. Pflugers Archiv European Journal of Physiology, 2001, 442, 745-751. | 2.8 | 6 |
| 26 | A Novel Role of Neuregulin in Skeletal Muscle. Journal of Biological Chemistry, 2001, 276, 18257-18264. | 3.4 | 98 |
| 27 | The distribution of rest periods affects performance and adaptations of energy metabolism induced by high-intensity training in human muscle. Acta Physiologica Scandinavica, 2000, 169, 157-165. | 2.2 | 101 |
| 28 | A short training programme for the rapid improvement of both aerobic and anaerobic metabolism. European Journal of Applied Physiology, 2000, 82, 480-486. | 2.5 | 175 |
| 29 | Contractile Activity Modifies Fru-2,6-P2 Metabolism in Rabbit Fast Twitch Skeletal Muscle. Journal of Biological Chemistry, 1999, 274, 31961-31966. | 3.4 | 8 |
| 30 | Effect of chronic electrostimulation of rabbit skeletal muscle on calmodulin level and protein kinase activity. International Journal of Biochemistry and Cell Biology, 1999, 31, 303-310. | 2.8 | 15 |
| 31 | GLUT1 glucose transporter gene transcription is repressed by Sp3. Evidence for a regulatory role of Sp3 during myogenesis 1 1Edited by M. Yaniv. Journal of Molecular Biology, 1999, 294, 103-119. | 4.2 | 53 |
| 32 | New insight into the regulation of liver glycogen metabolism by glucose. Biochemical Society Transactions, 1997, 25, 19-25. | 3.4 | 42 |
| 33 | The first example of a : Inhibition of glucokinase. Tetrahedron: Asymmetry, 1996, 7, 2761-2772. | 1.8 | 12 |
| 34 | 7-Carbon mimics of D-glucose and L-fucose: Activation by 6R-, and inactivation by 6S, -6C-methylglucose of glycogen synthase: Inhibition of glucokinase and/or glucose-6-phosphatase. Tetrahedron Letters, 1996, 37, 7155-7158. | 1.4 | 17 |
| 35 | Effect of Chronic Alcoholism on Human Muscle Glycogen and Glucose Metabolism. Alcoholism: Clinical and Experimental Research, 1995, 19, 1295-1299. | 2.4 | 9 |
| 36 | Metabolic adaptations to short-term training are expressed early in submaximal exercise. Canadian Journal of Physiology and Pharmacology, 1995, 73, 474-482. | 1.4 | 42 |

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|---|---|---|---|
| 37 | Coupling of muscle phosphorylation potential to glycolysis during work after short-term training. Journal of Applied Physiology, 1994, 76, 2586-2593. | 2.5 | 32 |
| 38 | Responses of fatigable and fatigue-resistant fibres of rabbit muscle to low-frequency stimulation. Pflugers Archiv European Journal of Physiology, 1993, 424, 529-537. | 2.8 | 20 |
| 39 | GLUT-4 and GLUT-1 glucose transporter expression is differentially regulated by contractile activity in skeletal muscle. Journal of Biological Chemistry, 1993, 268, 14998-5003. | 3.4 | 32 |
| 40 | Glucose 1,6-bisphosphate and fructose 2,6-bisphosphate in muscle from healthy humans and chronic alcoholic patients. Alcohol and Alcoholism, 1992, 27, 253-6. | 1.6 | 2 |
| 41 | Altered glucose 1,6-bisphosphate and fructose 2,6-biphosphate levels in low-frequency stimulated rabbit fast-twitch muscle. FEBS Letters, 1991, 282, 107-109. | 2.8 | 11 |
| 42 | Biochemical and histochemical adaptation to sprint training in young athletes. Acta Physiologica Scandinavica, 1990, 140, 341-351. | 2.2 | 81 |
| 43 | EFFECTS OF ETHANOL AND ACETALDEHYDE ON THE ENZYMES OF GLYCOGEN METABOLISM. Alcohol and Alcoholism, 1989, 24, 291-297. | 1.6 | 24 |
| 44 | GLUCOSE 1, 6-BISPHOSPHATE AND FRUCTOSE 2, 6-BISPHOSPHATE IN MUSCLE FROM HEALTHY HUMANS AND CHRONIC ALCOHOLIC PATIENTS. Alcohol and Alcoholism, 0, , . | 1.6 | 0 |
| 45 | DEPORTE Y FUNCIÃ“N SINÃPTICA NEURONAL: INFLUENCIA DEL EJERCICIO FÃSICO EN LA ATENCIÃ“N, LA MEMORIA Y EL CÃLCULO EN ALUMNOS ESCOLARES DE SEIS Y SIETE AÃ‘OS. , 0, , 35-44. | | 0 |