

# Javier Botella

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

732  
citations

933447

10  
h-index

839539

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1065  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing mitochondrial respiration in permeabilized fibres and biomarkers for mitochondrial content in human skeletal muscle. <i>Acta Physiologica</i> , 2022, 234, e13772.	3.8	10
2	Exercise and Training Regulation of Autophagy Markers in Human and Rat Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2619.	4.1	5
3	Muscle contraction and mitochondrial biogenesis – A brief historical reappraisal. <i>Acta Physiologica</i> , 2022, 235, e13813.	3.8	5
4	Effects of acute caffeine intake on combat sports performance: A systematic review and meta-analysis. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, , 1-16.	10.3	8
5	Heart Rate Variability and Physical Demands of In-Season Youth Elite Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1391.	2.6	6
6	High-intensity training induces non-stoichiometric changes in the mitochondrial proteome of human skeletal muscle without reorganisation of respiratory chain content. <i>Nature Communications</i> , 2021, 12, 7056.	12.8	45
7	Are enhanced muscle adaptations associated with carbohydrate restriction regulated by absolute muscle glycogen concentration?. <i>Journal of Physiology</i> , 2020, 598, 221-223.	2.9	0
8	Transcriptomic profiling of skeletal muscle adaptations to exercise and inactivity. <i>Nature Communications</i> , 2020, 11, 470.	12.8	235
9	CrossTalk opposing view: Exercise training volume is more important than training intensity to promote increases in mitochondrial content. <i>Journal of Physiology</i> , 2019, 597, 4115-4118.	2.9	35
10	Rebuttal from David J. Bishop, Javier Botella and Cesare Granata. <i>Journal of Physiology</i> , 2019, 597, 4121-4122.	2.9	1
11	High-Intensity Exercise and Mitochondrial Biogenesis: Current Controversies and Future Research Directions. <i>Physiology</i> , 2019, 34, 56-70.	3.1	91
12	Inducing hypertrophic effects of type I skeletal muscle fibers: A hypothetical role of time under load in resistance training aimed at muscular hypertrophy. <i>Medical Hypotheses</i> , 2018, 112, 40-42.	1.5	23
13	Guardian of mitochondrial function: an expanded role of Parkin in skeletal muscle. <i>Journal of Physiology</i> , 2018, 596, 6139-6140.	2.9	2
14	Manipulating graded exercise test variables affects the validity of the lactate threshold and $\dot{V}\dot{E}^{TM}O_2$ peak. <i>PLoS ONE</i> , 2018, 13, e0199794.	2.5	91
15	Effects of block and daily undulating periodization on neuromuscular performance in young male handball players. <i>Kinesiology</i> , 2018, 50, 97-103.	0.6	3
16	Evaluating The Influence Of Methodological Variables On The Determination Of $Vo_{2max}$ And The Lactate Threshold.. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 264.	0.4	1
17	Effects of adding a weekly eccentric overload training session on strength and athletic performance in team handball players. <i>European Journal of Sport Science</i> , 2017, 17, 530-538.	2.7	59
18	Training-Load-Guided vs Standardized Endurance Training in Recreational Runners. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 295-303.	2.3	13

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19	Maximal strength and its maintenance versus endurance strength and its cessation in well-trained off-road cyclists. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 504 - 505.	0.7	0
20	Individual Endurance Training Prescription with Heart Rate Variability. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1347-1354.	0.4	75
21	Effects of 4-Week Training Intervention with Unknown Loads on Power Output Performance and Throwing Velocity in Junior Team Handball Players. <i>PLoS ONE</i> , 2016, 11, e0157648.	2.5	17