

# Pedro De La Villa

## List of Publications by Year in descending order

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Version: 2024-02-01

192  
papers

5,635  
citations

101543

36  
h-index

123424

61  
g-index

203  
all docs

203  
docs citations

203  
times ranked

9454  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Effects of a school-based karate intervention on academic achievement, psychosocial functioning, and physical fitness: A multi-country cluster randomized controlled trial. <i>Journal of Sport and Health Science</i> , 2024, 13, 90-98. | 6.5  | 10        |
| 2  | Joint association of physical activity and body mass index with cardiovascular risk: a nationwide population-based cross-sectional study. <i>European Journal of Preventive Cardiology</i> , 2022, 29, e50-e52.                           | 1.8  | 22        |
| 3  | Validity, Reliability, and Sensitivity to Exercise-Induced Fatigue of a Customer-Friendly Device for the Measurement of the Brain's Direct Current Potential. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 1605-1609. | 2.1  | 7         |
| 4  | Insulin receptor activation by proinsulin preserves synapses and vision in retinitis pigmentosa. <i>Cell Death and Disease</i> , 2022, 13, 383.   | 6.3  | 4         |
| 5  | Tools and Biomarkers for the Study of Retinal Ganglion Cell Degeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4287.  | 4.1  | 4         |
| 6  | Ischemic Preconditioning and Muscle Force Capabilities. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 2187-2192.   | 2.1  | 6         |
| 7  | Physical activity, sports and risk of atrial fibrillation: umbrella review of meta-analyses. <i>European Journal of Preventive Cardiology</i> , 2021, 28, e11-e16.  | 1.8  | 6         |
| 8  | Sinus bradycardia in paediatric athletes. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1142-1144.   | 1.8  | 1         |
| 9  | Effects of Beef Protein Supplementation in Male Elite Triathletes: A Randomized, Controlled, Double-Blind, Cross-Over Study. <i>Journal of the American College of Nutrition</i> , 2021, 40, 53-60.                                       | 1.8  | 3         |
| 10 | Effects of a Tailored Exercise Intervention in Acutely Hospitalized Oldest Old Diabetic Adults: An Ancillary Analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e899-e906.                                    | 3.6  | 14        |
| 11 | Physical exercise and epicardial adipose tissue: A systematic review and meta-analysis of randomized controlled trials. <i>Obesity Reviews</i> , 2021, 22, e13103.  | 6.5  | 24        |
| 12 | Absence of Râ€Ras1 and Râ€Ras2 causes mitochondrial alterations that trigger axonal degeneration in a hypomyelinating disease model. <i>Glia</i> , 2021, 69, 619-637.   | 4.9  | 6         |
| 13 | Lifestyle interventions for the prevention and treatment of hypertension. <i>Nature Reviews Cardiology</i> , 2021, 18, 251-275.   | 13.7 | 128       |
| 14 | Perspective: Ketone Supplementation in Sportsâ€”Does It Work?. <i>Advances in Nutrition</i> , 2021, 12, 305-315.  | 6.4  | 9         |
| 15 | HDAC inhibition ameliorates cone survival in retinitis pigmentosa mice. <i>Cell Death and Differentiation</i> , 2021, 28, 1317-1332.  | 11.2 | 22        |
| 16 | Adrenergic Modulation With Photochromic Ligands. <i>Angewandte Chemie</i> , 2021, 133, 3669-3675.   | 2.0  | 5         |
| 17 | Adrenergic Modulation With Photochromic Ligands. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3625-3631.  | 13.8 | 29        |
| 18 | The â€œFat but Fitâ€”paradox in the academic context: relationship between physical fitness and weight status with adolescentsâ€™ academic achievement. <i>International Journal of Obesity</i> , 2021, 45, 95-98.                        | 3.4  | 9         |

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|----|---|------|-----------|
| 19 | Traditional Versus Velocity-Based Resistance Training in Competitive Female Cyclists: A Randomized Controlled Trial. <i>Frontiers in Physiology</i> , 2021, 12, 586113.   | 2.8  | 15        |
| 20 | Soluble fms-like tyrosine kinase-1: a potential early predictor of respiratory failure in COVID-19 patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, e289-e292.   | 2.3  | 4         |
| 21 | Exercise Benefits Meet Cancer Immunosurveillance: Implications for Immunotherapy. <i>Trends in Cancer</i> , 2021, 7, 91-93.   | 7.4  | 12        |
| 22 | Response to Letter to the Editor. <i>Obesity Reviews</i> , 2021, 22, e13253.  | 6.5  | 0         |
| 23 | Visual Disfunction due to the Selective Effect of Glutamate Agonists on Retinal Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6245.   | 4.1  | 9         |
| 24 | Effects of an Injury Prevention Program in CrossFit Athletes: A Pilot Randomized Controlled Trial. <i>International Journal of Sports Medicine</i> , 2021, , .  | 1.7  | 1         |
| 25 | Tlr2 Gene Deletion Delays Retinal Degeneration in Two Genetically Distinct Mouse Models of Retinitis Pigmentosa. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7815.   | 4.1  | 9         |
| 26 | Exercise Reduces Medication for Metabolic Syndrome Management: A 5-Year Follow-up Study. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 1319-1325.  | 0.4  | 4         |
| 27 | Omics sciences for systems biology in Alzheimer's disease: State-of-the-art of the evidence. <i>Ageing Research Reviews</i> , 2021, 69, 101346.   | 10.9 | 74        |
| 28 | Unsupervised home-based resistance training for community-dwelling older adults: A systematic review and meta-analysis of randomized controlled trials. <i>Ageing Research Reviews</i> , 2021, 69, 101368.  | 10.9 | 39        |
| 29 | Anti-Inflammatory Action of Dietary Wild Olive (Acebuché) Oil in the Retina of Hypertensive Mice. <i>Foods</i> , 2021, 10, 1993.  | 4.3  | 6         |
| 30 | Ocular Asymmetry in Electrooculographic Responses. <i>Symmetry</i> , 2021, 13, 1809.  | 2.2  | 1         |
| 31 | Exercise interventions in Alzheimer's disease: A systematic review and meta-analysis of randomized controlled trials. <i>Ageing Research Reviews</i> , 2021, 72, 101479.  | 10.9 | 48        |
| 32 | Effects of physical exercise on plasma brain-derived neurotrophic factor in neurodegenerative disorders: A systematic review and meta-analysis of randomized controlled trials. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 128, 394-405. | 6.1  | 63        |
| 33 | Multifocal Visual Evoked Potentials (mfVEP) for the Detection of Visual Field Defects in Glaucoma: Systematic Review and Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 4165.   | 2.4  | 2         |
| 34 | Association between physical activity and cardiovascular risk factors: Dose and sex matter. <i>Journal of Sport and Health Science</i> , 2021, 10, 604-606.   | 6.5  | 11        |
| 35 | Performance and reference data in the jump squat at different relative loads in elite sprinters, rugby players, and soccer players. <i>Biology of Sport</i> , 2021, 38, 219-227.  | 3.2  | 12        |
| 36 | Neuroprotection and Axonal Regeneration Induced by Bone Marrow Mesenchymal Stromal Cells Depend on the Type of Transplant. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 772223.  | 3.7  | 9         |

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|----|---|-----|-----------|
| 37 | Enhanced External Counterpulsation and Recovery From a Plyometric Exercise Bout. <i>Clinical Journal of Sport Medicine</i> , 2020, 30, 416-419.   | 1.8 | 7         |
| 38 | Validity of a novel device for real-time analysis of cyclistsâ€™ drag area. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 421-425.  | 1.3 | 6         |
| 39 | Inhospital exercise benefits in childhood cancer: A prospective cohort study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 126-134.  | 2.9 | 33        |
| 40 | Infographic. Effectiveness of multicomponent lower extremity injury prevention programmes in team-sport athletes: an umbrella review. <i>British Journal of Sports Medicine</i> , 2020, 54, 815-816.        | 6.7 | 17        |
| 41 | Lifelong Endurance Exercise as a Countermeasure Against Age-Related $\dot{V}_{O_2}$ Decline: Physiological Overview and Insights from Masters Athletes. <i>Sports Medicine</i> , 2020, 50, 703-716.         | 6.5 | 35        |
| 42 | Infographic. How does exercise treatment compare with antihypertensive medications?. <i>British Journal of Sports Medicine</i> , 2020, 54, 746-747.   | 6.7 | 1         |
| 43 | Neuromodulation of the prefrontal cortex facilitates diet-induced weight loss in midlife women: a randomized, proof-of-concept clinical trial. <i>International Journal of Obesity</i> , 2020, 44, 568-578. | 3.4 | 13        |
| 44 | Inhibition of MicroRNA 6937 Delays Photoreceptor and Vision Loss in a Mouse Model of Retinitis Pigmentosa. <i>Pharmaceutics</i> , 2020, 12, 913.  | 4.5 | 8         |
| 45 | The Value of Mouse Models of Rare Diseases: A Spanish Experience. <i>Frontiers in Genetics</i> , 2020, 11, 583932.  | 2.3 | 12        |
| 46 | Tailored Exercise during Hematopoietic Stem Cell Transplantation Hospitalization in Children with Cancer: A Prospective Cohort Study. <i>Cancers</i> , 2020, 12, 3020.                                      | 3.7 | 7         |
| 47 | Nr2e3 functional domain ablation by CRISPR-Cas9D10A identifies a new isoform and generates retinitis pigmentosa and enhanced S-cone syndrome models. <i>Neurobiology of Disease</i> , 2020, 146, 105122.    | 4.4 | 9         |
| 48 | Update on the Acute Effects of Ketone Supplements in Athletes. <i>Advances in Nutrition</i> , 2020, 11, 1050-1051.  | 6.4 | 2         |
| 49 | A New <i>Cerkl</i> Mouse Model Generated by CRISPR-Cas9 Shows Progressive Retinal Degeneration and Altered Morphological and Electrophysiological Phenotype. , 2020, 61, 14.                                |     | 16        |
| 50 | Young athletes' ECG: Incomplete right bundle branch block vs <i>crista supraventricularis</i> pattern. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1992-1998.                 | 2.9 | 5         |
| 51 | Slackline Training in Children with Spastic Cerebral Palsy: A Randomized Clinical Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8649.                         | 2.6 | 8         |
| 52 | Functional and morphological alterations in a glaucoma model of acute ocular hypertension. <i>Progress in Brain Research</i> , 2020, 256, 1-29.   | 1.4 | 24        |
| 53 | Time to Exhaustion at the Respiratory Compensation Point in Recreational Cyclists. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6352.                               | 2.6 | 6         |
| 54 | The â€œV1 continuumâ€ in the athletesâ€™ ECG. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 2277-2278.  | 2.9 | 0         |

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|----|--|------|-----------|
| 55 | Exercise Training and Neurodegeneration in Mitochondrial Disorders: Insights From the Harlequin Mouse. <i>Frontiers in Physiology</i> , 2020, 11, 594223.  | 2.8  | 4         |
| 56 | &lt;p&gt;Isometric Strength Measures are Superior to the Timed Up and Go Test for Fall Prediction in Older Adults: Results from a Prospective Cohort Study&lt;/p&gt;. <i>Clinical Interventions in Aging</i> , 2020, Volume 15, 2001-2008. | 2.9  | 10        |
| 57 | Interindividual Variation in Cardiorespiratory Fitness: A Candidate Gene Study in Han Chinese People. <i>Genes</i> , 2020, 11, 555.  | 2.4  | 9         |
| 58 | Coronavirus Lockdown: Forced Inactivity for the Oldest Old?. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 988-989.   | 2.5  | 23        |
| 59 | Physiological Predictors of Competition Performance in CrossFit Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3699.   | 2.6  | 19        |
| 60 | Exercise benefits on Alzheimer&rsquo;s disease: State-of-the-science. <i>Ageing Research Reviews</i> , 2020, 62, 101108.   | 10.9 | 153       |
| 61 | Reference power values for the jump squat exercise in elite athletes: A multicenter study. <i>Journal of Sports Sciences</i> , 2020, 38, 2273-2278.  | 2.0  | 10        |
| 62 | Individual Responsiveness to Physical Exercise Intervention in Acutely Hospitalized Older Adults. <i>Journal of Clinical Medicine</i> , 2020, 9, 797.  | 2.4  | 12        |
| 63 | Deleterious Effect of NMDA Plus Kainate on the Inner Retinal Cells and Ganglion Cell Projection of the Mouse. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1570.   | 4.1  | 15        |
| 64 | Tailored exercise is safe and beneficial for acutely hospitalised older adults with chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2020, 56, 2001048.  | 6.7  | 11        |
| 65 | Concurrent Exercise Interventions in Breast Cancer Survivors with Cancer-related Fatigue. <i>International Journal of Sports Medicine</i> , 2020, 41, 790-797.   | 1.7  | 14        |
| 66 | Exercise Interventions and Cardiovascular Health in Childhood Cancer: A Meta-analysis. <i>International Journal of Sports Medicine</i> , 2020, 41, 141-153.  | 1.7  | 29        |
| 67 | What are the effects of exercise training in childhood cancer survivors? A systematic review. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 115-125.  | 5.9  | 15        |
| 68 | Effect of a Simple Exercise Program on Hospitalization-Associated Disability in Older Patients: A Randomized Controlled Trial. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 531-537.e1.                        | 2.5  | 36        |
| 69 | GCAP neuronal calcium sensor proteins mediate photoreceptor cell death in the rd3 mouse model of LCA12 congenital blindness by involving endoplasmic reticulum stress. <i>Cell Death and Disease</i> , 2020, 11, 62.                       | 6.3  | 9         |
| 70 | Physical exercise effects on metastasis: a systematic review and meta-analysis in animal cancer models. <i>Cancer and Metastasis Reviews</i> , 2020, 39, 91-114.   | 5.9  | 5         |
| 71 | Pelvic floor and abdominal muscle responses during hypopressive exercises in women with pelvic floor dysfunction. <i>Neurourology and Urodynamics</i> , 2020, 39, 793-803.   | 1.5  | 20        |
| 72 | Muscling in on Resistant Hypertension. <i>Circulation</i> , 2020, 141, 240-242.  | 1.6  | 1         |

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|----|---|------|-----------|
| 73 | Gestational Exercise and Maternal and Child Health: Effects until Delivery and at Post-Natal Follow-up. <i>Journal of Clinical Medicine</i> , 2020, 9, 379.   | 2.4  | 26        |
| 74 | Intradialytic neuromuscular electrical stimulation improves functional capacity and muscle strength in people receiving haemodialysis: a systematic review. <i>Journal of Physiotherapy</i> , 2020, 66, 89-96.  | 1.7  | 10        |
| 75 | Effects of exercise interventions on the functional status of acutely hospitalised older adults: A systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2020, 61, 101076.                      | 10.9 | 56        |
| 76 | Commentaries on Viewpoint: Physiology and fast marathons. <i>Journal of Applied Physiology</i> , 2020, 128, 1069-1085.  | 2.5  | 12        |
| 77 | Obesity-associated poor muscle quality: prevalence and association with age, sex, and body mass index. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 200.  | 1.9  | 33        |
| 78 | A Path Toward Precision Medicine for Neuroinflammatory Mechanisms in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2020, 11, 456.   | 4.8  | 201       |
| 79 | Safety and Effectiveness of Long-Term Exercise Interventions in Older Adults: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Sports Medicine</i> , 2020, 50, 1095-1106.              | 6.5  | 91        |
| 80 | Early mobilization in hospitalized patients with COVID-19. <i>Annals of Physical and Rehabilitation Medicine</i> , 2020, 63, 384-385.   | 2.3  | 11        |
| 81 | Functional Threshold Power: Relationship With Respiratory Compensation Point and Effects of Various Warm-Up Protocols. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1047-1051. | 2.3  | 8         |
| 82 | Can routine laboratory variables predict survival in COVID-19? An artificial neural network-based approach. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, e299-e302.                            | 2.3  | 8         |
| 83 | Successful aging: insights from proteome analyses of healthy centenarians. <i>Ageing</i> , 2020, 12, 3502-3515.   | 3.1  | 31        |
| 84 | Post-translational regulation of retinal IMPDH1 in vivo to adjust GTP synthesis to illumination conditions. <i>ELife</i> , 2020, 9, .   | 6.0  | 35        |
| 85 | Enhancement of Mood but not Performance in Elite Athletes With Transcranial Direct-Current Stimulation. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 310-316.                  | 2.3  | 31        |
| 86 | Physical Exercise and Mitochondrial Disease: Insights From a Mouse Model. <i>Frontiers in Neurology</i> , 2019, 10, 790.  | 2.4  | 15        |
| 87 | Full-Squat as a Determinant of Performance in CrossFit. <i>International Journal of Sports Medicine</i> , 2019, 40, 592-596.  | 1.7  | 21        |
| 88 | A Chronic Ocular-Hypertensive Rat Model induced by Injection of the Sclerosant Agent Polidocanol in the Aqueous Humor Outflow Pathway. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3209.     | 4.1  | 8         |
| 89 | Systematic Review and Meta-Analysis of Randomized, Controlled Trials on Preoperative Physical Exercise Interventions in Patients with Non-Small-Cell Lung Cancer. <i>Cancers</i> , 2019, 11, 944.               | 3.7  | 88        |
| 90 | The sub 6-h project. <i>Age and Ageing</i> , 2019, 48, 928-929.   | 1.6  | 0         |

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|-----|--|-----|-----------|
| 91  | Physical Exercise in the Oldest Old. , 2019, 9, 1281-1304.   |     | 79        |
| 92  | Caffeine Supplementation Improves Anaerobic Performance and Neuromuscular Efficiency and Fatigue in Olympic-Level Boxers. <i>Nutrients</i> , 2019, 11, 2120.                                   | 4.1 | 38        |
| 93  | Commentaries on Viewpoint: Distinct modalities of eccentric exercise: different recipes, not the same dish. <i>Journal of Applied Physiology</i> , 2019, 127, 884-891.                         | 2.5 | 10        |
| 94  | Does Beef Protein Supplementation Improve Body Composition and Exercise Performance? A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2019, 11, 1429. | 4.1 | 23        |
| 95  | Passive Strategies for the Prevention of Muscle Wasting During Recovery from Sports Injuries. <i>Journal of Science in Sport and Exercise</i> , 2019, 1, 13-19.                                | 1.0 | 2         |
| 96  | Myokine/Adipokine Response to "Aerobic" Exercise: Is It Just a Matter of Exercise Load?. <i>Frontiers in Physiology</i> , 2019, 10, 691.   | 2.8 | 39        |
| 97  | Athletic "Oldest-Old" Alive and Kicking. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 949-951.   | 2.5 | 2         |
| 98  | Potential role of P2X7 receptor in neurodegenerative processes in a murine model of glaucoma. <i>Brain Research Bulletin</i> , 2019, 150, 61-74.   | 3.0 | 25        |
| 99  | Physical performance, plasma S-klotho, and all-cause mortality in elderly dialysis patients: A prospective cohort study. <i>Experimental Gerontology</i> , 2019, 122, 123-128.                 | 2.8 | 25        |
| 100 | Carbohydrate Availability and Physical Performance: Physiological Overview and Practical Recommendations. <i>Nutrients</i> , 2019, 11, 1084.   | 4.1 | 54        |
| 101 | Physical exercise and Prader-Willi syndrome: A systematic review. <i>Clinical Endocrinology</i> , 2019, 90, 649-661.   | 2.4 | 21        |
| 102 | Photobiomodulation in Parkinson's disease: A randomized controlled trial. <i>Brain Stimulation</i> , 2019, 12, 810-812.  | 1.6 | 30        |
| 103 | Hypomorphic Expression of Pitx3 Disrupts Circadian Clocks and Prevents Metabolic Entrainment of Energy Expenditure. <i>Cell Reports</i> , 2019, 29, 3678-3692.e4.                              | 6.4 | 20        |
| 104 | Spinal Manipulative Therapy Effects in Autonomic Regulation and Exercise Performance in Recreational Healthy Athletes. <i>Spine</i> , 2019, 44, 609-614.                                       | 2.0 | 9         |
| 105 | Preventing Alzheimer's Disease: Why Not Targeting the Muscle First?. <i>Journal of the American Medical Directors Association</i> , 2019, 20, 101-102.   | 2.5 | 2         |
| 106 | Comment on: "Assessment of Skeletal Muscle Contractile Properties by Radial Displacement: The Case for Tensiomyography" <i>Sports Medicine</i> , 2019, 49, 973-975.                            | 6.5 | 2         |
| 107 | Implications on older women of age- and sex-related differences in activation patterns of shoulder muscles: A cross-sectional study. <i>Journal of Women and Aging</i> , 2019, 31, 492-512.    | 1.0 | 2         |
| 108 | Potential of video games for the promotion of neuroadaptation to multifocal intraocular lenses: a narrative review. <i>International Journal of Ophthalmology</i> , 2019, 12, 1782-1787.       | 1.1 | 14        |

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|-----|--|------|-----------|
| 109 | Enhanced External Counterpulsation and Short-Term Recovery From High-Intensity Interval Training. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 1100-1106.                     | 2.3  | 9         |
| 110 | Relationship between skeletal muscle contractile properties and power production capacity in female Olympic rugby players. <i>European Journal of Sport Science</i> , 2018, 18, 677-684.                       | 2.7  | 17        |
| 111 | Performance and physiological analysis of 500 km non-stop cycling: a case study. <i>Research in Sports Medicine</i> , 2018, 26, 222-229.   | 1.3  | 1         |
| 112 | Modulation of GSK-3 provides cellular and functional neuroprotection in the rd10 mouse model of retinitis pigmentosa. <i>Molecular Neurodegeneration</i> , 2018, 13, 19.                                       | 10.8 | 28        |
| 113 | Comment on: "Drinking Strategies: Planned Drinking versus Drinking to Thirst". <i>Sports Medicine</i> , 2018, 48, 2211-2213.   | 6.5  | 3         |
| 114 | The evaluation of pelvic floor muscle strength in women with pelvic floor dysfunction: A reliability and correlation study. <i>Neurourology and Urodynamics</i> , 2018, 37, 269-277.                           | 1.5  | 78        |
| 115 | Relationship Between Dryland Strength and Swimming Performance: Pull-Up Mechanics as a Predictor of Swimming Speed. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 1637-1642.                | 2.1  | 36        |
| 116 | Myokine Response to High-Intensity Interval vs. Resistance Exercise: An Individual Approach. <i>Frontiers in Physiology</i> , 2018, 9, 1735.   | 2.8  | 45        |
| 117 | Inhospital Exercise Training in Children With Cancer: Does It Work for All?. <i>Frontiers in Pediatrics</i> , 2018, 6, 404.  | 1.9  | 10        |
| 118 | Free to breathe hard in the Tour de France. <i>Lancet</i> , The, 2018, 392, 1114-1115.   | 13.7 | 0         |
| 119 | Should exceptional medical conditions be banned in sports?. <i>Lancet Diabetes and Endocrinology</i> , the, 2018, 6, 687-688.  | 11.4 | 0         |
| 120 | Exercise training in childhood cancer: A systematic review and meta-analysis of randomized controlled trials. <i>Cancer Treatment Reviews</i> , 2018, 70, 154-167.   | 7.7  | 71        |
| 121 | Protective myoelectric activity at performing upper limb neurodynamic test 1 in breast cancer survivors. A cross-sectional observational study. <i>Musculoskeletal Science and Practice</i> , 2018, 36, 68-80. | 1.3  | 8         |
| 122 | Centenarians breaking records: nature or nurture?. <i>Age and Ageing</i> , 2018, 47, 761-762.  | 1.6  | 2         |
| 123 | Intradialytic Exercise: One Size Doesn't Fit All. <i>Frontiers in Physiology</i> , 2018, 9, 844.   | 2.8  | 21        |
| 124 | mHealth and Aging. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 810-811.   | 2.5  | 3         |
| 125 | Physical strategies to prevent disuse-induced functional decline in the elderly. <i>Ageing Research Reviews</i> , 2018, 47, 80-88.   | 10.9 | 50        |
| 126 | Is the Functional Threshold Power a Valid Surrogate of the Lactate Threshold?. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 1293-1298.  | 2.3  | 33        |



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|-----|---|------|-----------|
| 127 | Impairment of photoreceptor ribbon synapses in a novel Pomt1 conditional knockout mouse model of dystroglycanopathy. <i>Scientific Reports</i> , 2018, 8, 8543.   | 3.3  | 13        |
| 128 | Removal of the blue component of light significantly decreases retinal damage after high intensity exposure. <i>PLoS ONE</i> , 2018, 13, e0194218.  | 2.5  | 67        |
| 129 | SOX2 haploinsufficiency promotes impaired vision at advanced age. <i>Oncotarget</i> , 2018, 9, 36684-36692.   | 1.8  | 2         |
| 130 | The S1P1 receptor-selective agonist CYM-5442 protects retinal ganglion cells in endothelin-1 induced retinal ganglion cell loss. <i>Experimental Eye Research</i> , 2017, 164, 37-45.   | 2.6  | 15        |
| 131 | Effect of leg dominance, gender and age on sensory responses to structural differentiation of straight leg raise test in asymptomatic subjects: a cross-sectional study. <i>Journal of Manual and Manipulative Therapy</i> , 2017, 25, 91-97. | 1.2  | 9         |
| 132 | The effect of high-frequency neuromuscular electrical stimulation training on skeletal muscle properties in mice. <i>Archives of Biological Sciences</i> , 2017, 69, 391-397.   | 0.5  | 2         |
| 133 | Intravitreal Injection of Proinsulin-Loaded Microspheres Delays Photoreceptor Cell Death and Vision Loss in the <i>rd10</i> Mouse Model of Retinitis Pigmentosa. , 2016, 57, 3610.  |      | 24        |
| 134 | Optical control of endogenous receptors and cellular excitability using targeted covalent photoswitches. <i>Nature Communications</i> , 2016, 7, 12221.   | 12.8 | 50        |
| 135 | Increased neuronal death and disturbed axonal growth in the <i>Polr1a</i> -deficient mouse embryonic retina. <i>Scientific Reports</i> , 2016, 6, 25928.  | 3.3  | 7         |
| 136 | Modulation of microglia polarization dynamics during diabetic retinopathy in db / db mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1663-1674.   | 3.8  | 80        |
| 137 | RasGRF2 controls nuclear migration in postnatal retinal cone photoreceptors. <i>Journal of Cell Science</i> , 2016, 129, 729-42.  | 2.0  | 16        |
| 138 | RASGRF2 controls nuclear migration in postnatal retinal cone photoreceptors. <i>Development (Cambridge)</i> , 2016, 143, e1.1-e1.1.   | 2.5  | 0         |
| 139 | Deficient glucose and glutamine metabolism in knockout mice contributes to altered visual function. <i>Molecular Vision</i> , 2016, 22, 1198-1212.  | 1.1  | 9         |
| 140 | Neuroprotective Effect of Tauroursodeoxycholic Acid on N-Methyl-D-Aspartate-Induced Retinal Ganglion Cell Degeneration. <i>PLoS ONE</i> , 2015, 10, e0137826.   | 2.5  | 29        |
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