

# Robert J Ploutz-Snyder

## List of Publications by Year in descending order

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Version: 2024-02-01

99  
papers

5,137  
citations

109321

35  
h-index

91884

69  
g-index

100  
all docs

100  
docs citations

100  
times ranked

5608  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Abstract WMP17: Associations Between Post-Stroke Vascular Risk Factor Levels With Post-Stroke Cognitive Decline. <i>Stroke</i> , 2022, 53, .                                    | 2.0 | 0         |
| 2  | Changes in Optic Nerve Head and Retinal Morphology During Spaceflight and Acute Fluid Shift Reversal. <i>JAMA Ophthalmology</i> , 2022, 140, 763.                               | 2.5 | 14        |
| 3  | Recovery Opioid Overdose Team (ROOT) Pilot Program Evaluation: A Community-Wide Post-Overdose Response Strategy. <i>Substance Abuse</i> , 2021, 42, 423-427.                    | 2.3 | 14        |
| 4  | Automated MRI-based quantification of posterior ocular globe flattening and recovery after long-duration spaceflight. <i>Eye</i> , 2021, 35, 1869-1878.                         | 2.1 | 12        |
| 5  | Teleguided self-ultrasound scanning for longitudinal monitoring of muscle mass during spaceflight. <i>IScience</i> , 2021, 24, 102344.  | 4.1 | 11        |
| 6  | Envisioning a more expansive future for multidisciplinary nursing scholarship and education. <i>Nursing Outlook</i> , 2021, 69, 507-509.  | 2.6 | 2         |
| 7  | Association of Structural Changes in the Brain and Retina After Long-Duration Spaceflight. <i>JAMA Ophthalmology</i> , 2021, 139, 781.  | 2.5 | 9         |
| 8  | Comparative assessment of ActiGraph data processing techniques for measuring sedentary behavior in adults with COPD. <i>Physiological Measurement</i> , 2021, 42, 085006.       | 2.1 | 4         |
| 9  | Intraocular pressure and choroidal thickness respond differently to lower body negative pressure during spaceflight. <i>Journal of Applied Physiology</i> , 2021, 131, 613-620. | 2.5 | 21        |
| 10 | Device-measured sedentary behavior in oldest old adults: A systematic review and meta-analysis. <i>Preventive Medicine Reports</i> , 2021, 23, 101405.                          | 1.8 | 7         |
| 11 | Pain condition and sex differences in the descending noradrenergic system following lateral hypothalamic stimulation. <i>IBRO Reports</i> , 2020, 8, 11-17.                     | 0.3 | 2         |
| 12 | Effect of Spinal Manipulative and Mobilization Therapies in Young Adults With Mild to Moderate Chronic Low Back Pain. <i>JAMA Network Open</i> , 2020, 3, e2012589.             | 5.9 | 21        |
| 13 | Quantitative magnetic resonance image assessment of the optic nerve and surrounding sheath after spaceflight. <i>Npj Microgravity</i> , 2020, 6, 30.                            | 3.7 | 16        |
| 14 | High intensity training during spaceflight: results from the NASA Sprint Study. <i>Npj Microgravity</i> , 2020, 6, 21.  | 3.7 | 49        |
| 15 | Association of Long-Duration Spaceflight With Anterior and Posterior Ocular Structure Changes in Astronauts and Their Recovery. <i>JAMA Ophthalmology</i> , 2020, 138, 553.     | 2.5 | 64        |
| 16 | Intracranial Effects of Microgravity: A Prospective Longitudinal MRI Study. <i>Radiology</i> , 2020, 295, 640-648.  | 7.3 | 71        |
| 17 | Exercise and Testosterone Countermeasures to Mitigate Metabolic Changes during Bed Rest. <i>Life Sciences in Space Research</i> , 2020, 26, 97-104.                             | 2.3 | 7         |
| 18 | Potential Venous Thromboembolism Risk in Female Astronauts. <i>Aerospace Medicine and Human Performance</i> , 2020, 91, 432-439.  | 0.4 | 11        |

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|----|--|-----|-----------|
| 19 | Interactive Computer Simulation for Adolescent Screening, Brief Intervention, and Referral to Treatment (SBIRT) for Substance Use in an Undergraduate Nursing Program. <i>Journal of Pediatric Nursing</i> , 2019, 49, 31-36.  | 1.5 | 9         |
| 20 | Assessment of Jugular Venous Blood Flow Stasis and Thrombosis During Spaceflight. <i>JAMA Network Open</i> , 2019, 2, e1915011.  | 5.9 | 152       |
| 21 | Exercise Training Mitigates Multisystem Deconditioning during Bed Rest. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1920-1928.  | 0.4 | 69        |
| 22 | Efficacy of Exercise and Testosterone to Mitigate Atrophic Cardiovascular Remodeling. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1940-1949.  | 0.4 | 10        |
| 23 | Development and Testing of the Nurse Manager EBP Competency Scale. <i>Western Journal of Nursing Research</i> , 2018, 40, 175-190.   | 1.4 | 22        |
| 24 | A randomized control trial to determine the effectiveness and physiological effects of spinal manipulation and spinal mobilization compared to each other and a sham condition in patients with chronic low back pain: Study protocol for The RELIEF Study. <i>Contemporary Clinical Trials</i> , 2018, 70, 41-52. | 1.8 | 11        |
| 25 | Authors'™ Reply: Comment on "An Online Intervention Comparing a Very Low-Carbohydrate Ketogenic Diet and Lifestyle Recommendations Versus a Plate Method Diet in Overweight Individuals With Type 2 Diabetes: A Randomized Controlled Trial". <i>Journal of Medical Internet Research</i> , 2018, 20, e181.        | 4.3 | 1         |
| 26 | Preparing Advanced Practice Registered Nursing Students to Deliver Adolescent SBIRT for Substance Use. <i>Journal of Nursing Education</i> , 2018, 57, 736-741.  | 0.9 | 7         |
| 27 | Acute Exercise by Insulin Resistant Rats Induces Muscle Fiber Type-selective Improvement in Insulin-stimulated Glucose Uptake. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 249.   | 0.4 | 0         |
| 28 | Panoramic ultrasound: a novel and valid tool for monitoring change in muscle mass. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 475-481.   | 7.3 | 60        |
| 29 | Effects of short-term mild hypercapnia during head-down tilt on intracranial pressure and ocular structures in healthy human subjects. <i>Physiological Reports</i> , 2017, 5, e13302.   | 1.7 | 55        |
| 30 | Twelve-month outcomes of a randomized trial of a moderate-carbohydrate versus very low-carbohydrate diet in overweight adults with type 2 diabetes mellitus or prediabetes. <i>Nutrition and Diabetes</i> , 2017, 7, 304.  | 3.2 | 154       |
| 31 | Ophthalmological Evaluation of Integrated Resistance and Aerobic Training During 70-Day Bed Rest. <i>Aerospace Medicine and Human Performance</i> , 2017, 88, 633-640.   | 0.4 | 8         |
| 32 | An Online Intervention Comparing a Very Low-Carbohydrate Ketogenic Diet and Lifestyle Recommendations Versus a Plate Method Diet in Overweight Individuals With Type 2 Diabetes: A Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2017, 19, e36.                                       | 4.3 | 190       |
| 33 | Effect of Aspirin Supplementation on Hemostatic Responses in Firefighters Aged 40 to 60 Years. <i>American Journal of Cardiology</i> , 2016, 118, 275-280.   | 1.6 | 11        |
| 34 | Genotype, B-vitamin status, and androgens affect spaceflight-induced ophthalmic changes. <i>FASEB Journal</i> , 2016, 30, 141-148.   | 0.5 | 52        |
| 35 | Leucine partially protects muscle mass and function during bed rest in middle-aged adults. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 465-473.   | 4.7 | 127       |
| 36 | A Novel Weighted Suit to Assess Ambulatory Performance Under Reduced Strength-to-Body Weight Conditions. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 808-809.   | 0.4 | 0         |

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|----|--|-----|-----------|
| 37 | Effect of Aspirin Supplementation on Hemodynamics in Older Firefighters. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2653-2659.   | 0.4 | 4         |
| 38 | Isokinetic Strength Changes Following Long-Duration Spaceflight on the ISS. <i>Aerospace Medicine and Human Performance</i> , 2015, 86, 68-77.   | 0.4 | 51        |
| 39 | Plasmodium falciparum Infection is Associated with Epstein-Barr Virus Reactivation in Pregnant Women Living in Malaria Holoendemic Area of Western Kenya. <i>Maternal and Child Health Journal</i> , 2015, 19, 606-614.                              | 1.5 | 25        |
| 40 | Hypobaric Decompression Sickness Treatment Model. <i>Aerospace Medicine and Human Performance</i> , 2015, 86, 508-517.   | 0.4 | 11        |
| 41 | Last Word on Viewpoint: Justifying small- <i>n</i> research in scientifically amazing settings: Challenging the notion that only "big- <i>n</i> " studies are worthwhile. <i>Journal of Applied Physiology</i> , 2014, 116, 1254-1254.               | 2.5 | 2         |
| 42 | Gradient compression garments protect against orthostatic intolerance during recovery from bed rest. <i>European Journal of Applied Physiology</i> , 2014, 114, 597-608.   | 2.5 | 13        |
| 43 | Justifying small- <i>n</i> research in scientifically amazing settings: challenging the notion that only "big- <i>n</i> " studies are worthwhile. <i>Journal of Applied Physiology</i> , 2014, 116, 1251-1252.                                       | 2.5 | 21        |
| 44 | Ocular Outcomes Evaluation in a 14-Day Head-Down Bed Rest Study. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 983-992.   | 0.5 | 30        |
| 45 | The Metabolic Cost of an Integrated Exercise Program Performed During 14 Days of Bed Rest. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 612-617.   | 0.5 | 5         |
| 46 | Influence of muscle strength to weight ratio on functional task performance. <i>European Journal of Applied Physiology</i> , 2013, 113, 911-921.   | 2.5 | 19        |
| 47 | A ground-based comparison of the Muscle Atrophy Research and Exercise System (MARES) and a commercially available isokinetic dynamometer. <i>Acta Astronautica</i> , 2013, 92, 3-9.  | 3.2 | 3         |
| 48 | A Miniaturized Analyzer Capable of White-Blood-Cell and Differential Analyses During Spaceflight. <i>Laboratory Medicine</i> , 2013, 44, 304-312.  | 1.2 | 4         |
| 49 | Adaptation in Locomotor Stability, Cognition, and Metabolic Cost During Sensory Discordance. <i>Aviation, Space, and Environmental Medicine</i> , 2013, 84, 567-572.   | 0.5 | 1         |
| 50 | Vision Changes after Spaceflight Are Related to Alterations in Folate- and Vitamin B-12-Dependent One-Carbon Metabolism. <i>Journal of Nutrition</i> , 2012, 142, 427-431.   | 2.9 | 96        |
| 51 | Early Age at Time of Primary Epstein-Barr Virus Infection Results in Poorly Controlled Viral Infection in Infants From Western Kenya: Clues to the Etiology of Endemic Burkitt Lymphoma. <i>Journal of Infectious Diseases</i> , 2012, 205, 906-913. | 4.0 | 143       |
| 52 | Bone metabolism and nutritional status during 30-day head-down-tilt bed rest. <i>Journal of Applied Physiology</i> , 2012, 113, 1519-1529.   | 2.5 | 54        |
| 53 | Reliability and Validity of Panoramic Ultrasound for Muscle Quantification. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1656-1661.   | 1.5 | 79        |
| 54 | Gait adaptability training is affected by visual dependency. <i>Experimental Brain Research</i> , 2012, 220, 1-9.  | 1.5 | 37        |

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|----|--|-----|-----------|
| 55 | Accuracy of self-reported medical problems in patients with alcohol dependence and co-occurring schizophrenia or schizoaffective disorder. <i>Schizophrenia Research</i> , 2011, 132, 190-193.                                 | 2.0 | 10        |
| 56 | Promoting couples collaboration in type 2 diabetes: The diabetes support project pilot data.. <i>Families, Systems and Health</i> , 2011, 29, 253-261.   | 0.6 | 51        |
| 57 | Psychiatric and Substance Use Disorders among Methadone Maintenance Patients with Chronic Hepatitis C Infection: Effects on Eligibility for Hepatitis C Treatment. <i>American Journal on Addictions</i> , 2011, 20, 312-318.  | 1.4 | 22        |
| 58 | Predictors of Smoking Severity in Patients with Schizophrenia and Alcohol Use Disorders. <i>American Journal on Addictions</i> , 2011, 20, 462-467.  | 1.4 | 26        |
| 59 | Gait training improves performance in healthy adults exposed to novel sensory discordant conditions. <i>Experimental Brain Research</i> , 2011, 209, 515-524.  | 1.5 | 21        |
| 60 | Response to Vitamin D Supplementation during Antarctic Winter Is Related to BMI, and Supplementation Can Mitigate Epstein-Barr Virus Reactivation <sup>1-3</sup> . <i>Journal of Nutrition</i> , 2011, 141, 692-697.           | 2.9 | 58        |
| 61 | Response to Vitamin D Intake: From the Antarctic to the Institute of Medicine <sup>1,2</sup> . <i>Journal of Nutrition</i> , 2011, 141, 985-986.   | 2.9 | 4         |
| 62 | Development of head injury assessment reference values based on NASA injury modeling. <i>Stapp Car Crash Journal</i> , 2011, 55, 49-74.  | 1.1 | 9         |
| 63 | Changes in Toe Clearance During Treadmill Walking After Long-Duration Spaceflight. <i>Aviation, Space, and Environmental Medicine</i> , 2010, 81, 919-928.   | 0.5 | 26        |
| 64 | Skeletal Benefits of Pre-Menarcheal Gymnastics Are Retained After Activity Cessation. <i>Pediatric Exercise Science</i> , 2010, 22, 21-33.   | 1.0 | 11        |
| 65 | Hepatitis C Treatment Eligibility and Comorbid Medical Illness in Methadone Maintenance (MMT) and Non-MMT Patients: A Case-Control Study. <i>Journal of Addictive Diseases</i> , 2010, 29, 359-369.                            | 1.3 | 8         |
| 66 | Telemedicine Intervention Effects on Waist Circumference and Body Mass Index in the IDEATel Project. <i>Diabetes Technology and Therapeutics</i> , 2010, 12, 213-220.  | 4.4 | 44        |
| 67 | A Controlled Trial of Psychodynamic Psychotherapy for Co-Occurring Borderline Personality Disorder and Alcohol Use Disorder: Six-Month Outcome. <i>Journal of the American Psychoanalytic Association</i> , 2009, 57, 199-205. | 0.6 | 21        |
| 68 | School-Centered Telemedicine for Children with Type 1 Diabetes Mellitus. <i>Journal of Pediatrics</i> , 2009, 155, 374-379.  | 1.8 | 87        |
| 69 | Children with endemic Burkitt lymphoma are deficient in EBNA1-specific IFN $\gamma$ T cell responses. <i>International Journal of Cancer</i> , 2009, 124, 1721-1726.   | 5.1 | 63        |
| 70 | Serological evidence for long-term epstein-barr virus reactivation in children living in a holoendemic malaria region of Kenya. <i>Journal of Medical Virology</i> , 2009, 81, 1088-1093.                                      | 5.0 | 44        |
| 71 | Medical comorbidity in patients with schizophrenia and alcohol dependence. <i>Schizophrenia Research</i> , 2009, 107, 139-146.   | 2.0 | 56        |
| 72 | Patient and Provider Attitudes towards Monitored Naltrexone Treatment of Alcohol Dependence in Schizophrenia. <i>American Journal of Drug and Alcohol Abuse</i> , 2009, 35, 273-278.   | 2.1 | 3         |

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|----|---|-----|-----------|
| 73 | Health-related quality of life in methadone maintenance patients with untreated hepatitis C virus infection. <i>Drug and Alcohol Dependence</i> , 2009, 101, 176-182.   | 3.2 | 23        |
| 74 | Real-time dominant frequency mapping and ablation of dominant frequency sites in atrial fibrillation with left-to-right frequency gradients predicts long-term maintenance of sinus rhythm. <i>Heart Rhythm</i> , 2009, 6, 33-40. | 0.7 | 319       |
| 75 | Distal Radius Strength: A Comparison of DXA-Derived vs pQCT-Measured Parameters in Adolescent Females. <i>Journal of Clinical Densitometry</i> , 2009, 12, 42-53.   | 1.2 | 16        |
| 76 | Comparison of metabolic gas analysis between a standard laboratory system and a portable device. <i>Journal of Sports Science and Medicine</i> , 2009, 8, 491-2.  | 1.6 | 0         |
| 77 | Autonomic responses to physiological stressors in women with type 2 diabetes. <i>Clinical Autonomic Research</i> , 2008, 18, 66-73.   | 2.5 | 9         |
| 78 | Negative symptoms are associated with less alcohol use, craving, and "high" in alcohol dependent patients with schizophrenia. <i>Schizophrenia Research</i> , 2008, 105, 201-207.   | 2.0 | 14        |
| 79 | Cross-Cultural Diagnostic Applicability of the Pictogram Test. <i>Journal of Personality Assessment</i> , 2008, 90, 165-174.  | 2.1 | 5         |
| 80 | Voucher-Based Incentives for Naltrexone Treatment Attendance in Schizophrenia and Alcohol Use Disorders. <i>Psychiatric Services</i> , 2008, 59, 310-314.   | 2.0 | 2         |
| 81 | Formulary management as a tool to improve medication use and gain physician support. <i>American Journal of Health-System Pharmacy</i> , 2007, 64, 464-466.   | 1.0 | 7         |
| 82 | The effects of a glucose load and sympathetic challenge on autonomic function in obese women with and without type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 778-785.                         | 3.4 | 19        |
| 83 | Monitored Naltrexone without Counseling for Alcohol Abuse/Dependence in Schizophrenia-Spectrum Disorders. <i>American Journal on Addictions</i> , 2007, 16, 253-259.  | 1.4 | 29        |
| 84 | Y11-5. <i>Heart Rhythm</i> , 2006, 3, S107.   | 0.7 | 0         |
| 85 | Assessment of Fibrosis Progression in Untreated Irish Women With Chronic Hepatitis C Contracted From Immunoglobulin Anti-D. <i>Clinical Gastroenterology and Hepatology</i> , 2006, 4, 1271-1277.                                 | 4.4 | 45        |
| 86 | A university hospital's 10-year experience with tuberculin testing: Value of the 2-step tuberculin skin test. <i>American Journal of Infection Control</i> , 2006, 34, 358-361.   | 2.3 | 5         |
| 87 | Maturity and activity-related differences in bone mineral density: Tanner I vs. II and gymnasts vs. non-gymnasts. <i>Bone</i> , 2006, 39, 895-900.  | 2.9 | 23        |
| 88 | Emotional Health Predicts Pain and Function After Fusion: A Prospective Multicenter Study. <i>Spine</i> , 2006, 31, 823-830.  | 2.0 | 169       |
| 89 | Worksite e-mail health promotion trial: Early lessons. <i>Evaluation and Program Planning</i> , 2006, 29, 405-412.  | 1.6 | 1         |
| 90 | Activation of Inward Rectifier Potassium Channels Accelerates Atrial Fibrillation in Humans. <i>Circulation</i> , 2006, 114, 2434-2442.   | 1.6 | 249       |

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|----|---|-----|-----------|
| 91 | Mechanisms of Wave Fractionation at Boundaries of High-Frequency Excitation in the Posterior Left Atrium of the Isolated Sheep Heart During Atrial Fibrillation. <i>Circulation</i> , 2006, 113, 626-633. | 1.6 | 386       |
| 92 | Knee Extensor Isometric Unsteadiness Does Not Predict Functional Limitation in Older Adults. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2005, 84, 112-121.                         | 1.4 | 15        |
| 93 | Advances in digital quantification technique enhance discrimination between mild and advanced liver fibrosis in chronic hepatitis C. <i>Liver International</i> , 2005, 25, 1142-1149.                    | 3.9 | 57        |
| 94 | Spectral Analysis Identifies Sites of High-Frequency Activity Maintaining Atrial Fibrillation in Humans. <i>Circulation</i> , 2005, 112, 789-797.   | 1.6 | 785       |
| 95 | The relationship between marital quality and adherence to the diabetes care regimen. <i>Annals of Behavioral Medicine</i> , 2004, 27, 148-154.  | 2.9 | 123       |
| 96 | Psychological attributes of preoperative total joint replacement patients. <i>Journal of Arthroplasty</i> , 2004, 19, 125-130.  | 3.1 | 142       |
| 97 | P104. A prospective study of the validity of the visual analogue scale for prediction of surgical outcome. <i>Spine Journal</i> , 2003, 3, 161-162.   | 1.3 | 0         |
| 98 | A Comparison of Diabetes Education Administered Through Telemedicine Versus in Person. <i>Diabetes Care</i> , 2003, 26, 1002-1007.  | 8.6 | 168       |
| 99 | Responsiveness of Hypercalciuria to Thiazide in Dent's Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2002, 13, 2938-2944.   | 6.1 | 91        |