

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	Spectral Analysis Identifies Sites of High-Frequency Activity Maintaining Atrial Fibrillation in Humans. <i>Circulation</i> , 2005, 112, 789-797.	1.6	785
2	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
3	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
4	Activation of Inward Rectifier Potassium Channels Accelerates Atrial Fibrillation in Humans. <i>Circulation</i> , 2006, 114, 2434-2442.	1.6	249
5	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
6	Emotional Health Predicts Pain and Function After Fusion: A Prospective Multicenter Study. <i>Spine</i> , 2006, 31, 823-830.	2.0	169
7	A Comparison of Diabetes Education Administered Through Telemedicine Versus in Person. <i>Diabetes Care</i> , 2003, 26, 1002-1007.	8.6	168
8	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
9	Assessment of Jugular Venous Blood Flow Stasis and Thrombosis During Spaceflight. <i>JAMA Network Open</i> , 2019, 2, e1915011.	5.9	152
10	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
11	Psychological attributes of preoperative total joint replacement patients. <i>Journal of Arthroplasty</i> , 2004, 19, 125-130.	3.1	142
12	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
13	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
14	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
15	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
16	School-Centered Telemedicine for Children with Type 1 Diabetes Mellitus. <i>Journal of Pediatrics</i> , 2009, 155, 374-379.	1.8	87
17	Reliability and Validity of Panoramic Ultrasound for Muscle Quantification. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1656-1661.	1.5	79
18	Intracranial Effects of Microgravity: A Prospective Longitudinal MRI Study. <i>Radiology</i> , 2020, 295, 640-648.	7.3	71

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19	Exercise Training Mitigates Multisystem Deconditioning during Bed Rest. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1920-1928.	0.4	69
20	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
21	Children with endemic Burkitt lymphoma are deficient in EBNA1-specific IFN γ T cell responses. <i>International Journal of Cancer</i> , 2009, 124, 1721-1726.	5.1	63
22	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
23	Response to Vitamin D Supplementation during Antarctic Winter Is Related to BMI, and Supplementation Can Mitigate Epstein-Barr Virus Reactivation ^{1&#3} . <i>Journal of Nutrition</i> , 2011, 141, 692-697.	2.9	58
24	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
25	Medical comorbidity in patients with schizophrenia and alcohol dependence. <i>Schizophrenia Research</i> , 2009, 107, 139-146.	2.0	56
26	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
27	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
28	Genotype, B-vitamin status, and androgens affect spaceflight-induced ophthalmic changes. <i>FASEB Journal</i> , 2016, 30, 141-148.	0.5	52
29	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
30	Isokinetic Strength Changes Following Long-Duration Spaceflight on the ISS. <i>Aerospace Medicine and Human Performance</i> , 2015, 86, 68-77.	0.4	51
31	High intensity training during spaceflight: results from the NASA Sprint Study. <i>Npj Microgravity</i> , 2020, 6, 21.	3.7	49
32	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
33	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
34	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
35	Gait adaptability training is affected by visual dependency. <i>Experimental Brain Research</i> , 2012, 220, 1-9.	1.5	37
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	Development and Testing of the Nurse Manager EBP Competency Scale. <i>Western Journal of Nursing Research</i> , 2018, 40, 175-190.	1.4	22
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	Quantitative magnetic resonance image assessment of the optic nerve and surrounding sheath after spaceflight. <i>Npj Microgravity</i> , 2020, 6, 30.	3.7	16
54	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

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55	Negative symptoms are associated with less alcohol use, craving, and "in alcohol dependent patients with schizophrenia. <i>Schizophrenia Research</i> , 2008, 105, 201-207.	2.0	14
56	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
57	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
58	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
59	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
60	Skeletal Benefits of Pre-Menarcheal Gymnastics Are Retained After Activity Cessation. <i>Pediatric Exercise Science</i> , 2010, 22, 21-33.	1.0	11
61	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
62	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
63	Teleguided self-ultrasound scanning for longitudinal monitoring of muscle mass during spaceflight. <i>IScience</i> , 2021, 24, 102344.	4.1	11
64	Hypobaric Decompression Sickness Treatment Model. <i>Aerospace Medicine and Human Performance</i> , 2015, 86, 508-517.	0.4	11
65	Potential Venous Thromboembolism Risk in Female Astronauts. <i>Aerospace Medicine and Human Performance</i> , 2020, 91, 432-439.	0.4	11
66	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
67	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
68	Autonomic responses to physiological stressors in women with type 2 diabetes. <i>Clinical Autonomic Research</i> , 2008, 18, 66-73.	2.5	9
69	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
70	Association of Structural Changes in the Brain and Retina After Long-Duration Spaceflight. <i>JAMA Ophthalmology</i> , 2021, 139, 781.	2.5	9
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	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
79	Cross-Cultural Diagnostic Applicability of the Pictogram Test. <i>Journal of Personality Assessment</i> , 2008, 90, 165-174.	2.1	5
80	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
81	Response to Vitamin D Intake: From the Antarctic to the Institute of Medicine ^{1,2} . <i>Journal of Nutrition</i> , 2011, 141, 985-986.	2.9	4
82	A Miniaturized Analyzer Capable of White-Blood-Cell and Differential Analyses During Spaceflight. <i>Laboratory Medicine</i> , 2013, 44, 304-312.	1.2	4
83	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
84	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
85	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
86	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
87	Voucher-Based Incentives for Naltrexone Treatment Attendance in Schizophrenia and Alcohol Use Disorders. <i>Psychiatric Services</i> , 2008, 59, 310-314.	2.0	2
88	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
89	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
90	Envisioning a more expansive future for multidisciplinary nursing scholarship and education. <i>Nursing Outlook</i> , 2021, 69, 507-509.	2.6	2

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91	Worksite e-mail health promotion trial: Early lessons. <i>Evaluation and Program Planning</i> , 2006, 29, 405-412.	1.6	1
92	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
93	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
94	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
95	Y11-5. <i>Heart Rhythm</i> , 2006, 3, S107.	0.7	0
96	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
97	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
98	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
99	Abstract WMP17: Associations Between Post-Stroke Vascular Risk Factor Levels With Post-Stroke Cognitive Decline. <i>Stroke</i> , 2022, 53, .	2.0	0