Jay C Buckey

List of Publications by Year
in descending order

53	951	567281	501196
papers	citations	15 h-index	28 g-index

58	58	58	970
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gap detection responses modelled using the Hill equation in adults with well-controlled HIV. International Journal of Audiology, 2023, 62, 383-392.	1.7	2
2	Natural Scene Virtual Reality as a Behavioral Health Countermeasure in Isolated, Confined, and Extreme Environments: Three Isolated, Confined, Extreme Analog Case Studies. Human Factors, 2023, 65, 1266-1278.	3.5	9
3	Distortion product otoacoustic mapping measured pre- and post-loud sound exposures. International Journal of Audiology, 2022, 61, 187-196.	1.7	1
4	Nonverbal cognitive assessment of children in Tanzania with and without HIV. Child Neuropsychology, 2022, 28, 107-119.	1.3	6
5	Test-Retest repeatability of automated threshold audiometry in Nicaraguan schoolchildren. International Journal of Audiology, 2022, , 1-8.	1.7	2
6	A theory for why the spaceflight-associated neuro-ocular syndrome develops. Journal of Applied Physiology, 2022, 132, 1201-1203.	2.5	5
7	The Host-Microbiome Response to Hyperbaric Oxygen Therapy in Ulcerative Colitis Patients. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 35-53.	4.5	10
8	Microgravity-induced reduced jugular vein flow is more pronounced on the non-dominant side. Acta Astronautica, 2022, , .	3.2	1
9	Hyperbaric Oxygen as Successful Monotherapy for a Severe Ulcerative Colitis Flare. Inflammatory Bowel Diseases, 2022, 28, 1474-1475.	1.9	3
10	Central Auditory Tests to Track Cognitive Function in People With HIV: Longitudinal Cohort Study. JMIR Formative Research, 2021, 5, e26406.	1.4	8
11	Proposed mechanism for reduced jugular vein flow in microgravity. Physiological Reports, 2021, 9, e14782.	1.7	9
12	Use of a Self-guided Computerized Cognitive Behavioral Tool During COVID-19: Evaluation Study. JMIR Formative Research, 2021, 5, e26989.	1.4	8
13	Renal Effects of Hyperbaric Oxygen Therapy in Patients with Diabetes Mellitus: A Retrospective Study. International Journal of Nephrology, 2021, 2021, 1-5.	1.3	0
14	Peripheral Auditory Function in Young HIV-Positive Adults With Clinically Normal Hearing. Otolaryngology - Head and Neck Surgery, 2021, , 019459982110471.	1.9	1
15	The Relationship Between Central Auditory Tests and Neurocognitive Domains in Adults Living With HIV. Frontiers in Neuroscience, 2021, 15, 696513.	2.8	7
16	The Correlation Between Body Weight and Intraocular Pressure. Aerospace Medicine and Human Performance, 2021, 92, 886-897.	0.4	5
17	A Rare Presentation of Intraosseous Sarcoidosis of the Mandible Presenting as Peri-Implantitis: A Case Report and Literature Review. Journal of Oral and Maxillofacial Surgery, 2021, , .	1.2	0
18	A phase 2B randomised trial of hyperbaric oxygen therapy for ulcerative colitis patients hospitalised for moderate to severe flares. Alimentary Pharmacology and Therapeutics, 2020, 52, 955-963.	3.7	15

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19	Use of custom-moulded earmoulds to improve repeatability of DPOAE map measurements. International Journal of Audiology, 2020, 60, 1-6.	1.7	1
20	Auditory neurophysiology reveals central nervous system dysfunction in HIV-infected individuals. Clinical Neurophysiology, 2020, 131, 1827-1832.	1.5	13
21	Development of an International, Multicenter, Hyperbaric Oxygen Treatment Registry and Research Consortium: Protocol for Outcome Data Collection and Analysis. JMIR Research Protocols, 2020, 9, e18857.	1.0	4
22	Autonomous Psychological Support for Isolation and Confinement. Aerospace Medicine and Human Performance, 2020, 91, 876-885.	0.4	15
23	Application of SPOT chip for transcutaneous oximetry. Magnetic Resonance in Medicine, 2019, 81, 2837-2840.	3.0	4
24	Hearing complaints in HIV infection originate in the brain not the ear. Aids, 2019, 33, 1449-1454.	2.2	13
25	Transcutaneous oxygen measurement in humans using a paramagnetic skin adhesive film. Magnetic Resonance in Medicine, 2019, 81, 781-794.	3.0	31
26	Hyperbaric oxygen therapy is well tolerated and effective for ulcerative colitis patients hospitalized for moderate-severe flares: a phase 2A pilot multi-center, randomized, double-blind, sham-controlled trial. American Journal of Gastroenterology, 2018, 113, 1516-1523.	0.4	47
27	Using tablet-based technology to deliver time-efficient ototoxicity monitoring. International Journal of Audiology, 2018, 57, S78-S86.	1.7	14
28	Speech in Noise Perception as a Marker of Cognitive Impairment in HIV Infection. Ear and Hearing, 2018, 39, 548-554.	2.1	24
29	Portable Autorefractors for Detecting Axial Length Changes in Space. Aerospace Medicine and Human Performance, 2018, 89, 724-730.	0.4	7
30	Microgravity-induced ocular changes are related to body weight. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R496-R499.	1.8	33
31	Randomized Controlled Trial of a Computerized Interactive Media-Based Problem Solving Treatment for Depression. Behavior Therapy, 2017, 48, 413-425.	2.4	26
32	Hyperbaric Oxygen as Radiation Sensitizer for Locally Advanced Squamous Cell Carcinoma of the Oropharynx: A Phase 1 Dose-Escalation Study. International Journal of Radiation Oncology Biology Physics, 2017, 97, 481-486.	0.8	5
33	Ocular changes over 60 min in supine and prone postures. Journal of Applied Physiology, 2017, 123, 415-423.	2.5	21
34	Fixed-Level Frequency Threshold Testing for Ototoxicity Monitoring. Ear and Hearing, 2017, 38, e369-e375.	2.1	18
35	Respiratory modulation of human autonomic function on Earth. Journal of Physiology, 2016, 594, 5611-5627.	2.9	12
36	Auditory Impairments in HIV-Infected Children. Ear and Hearing, 2016, 37, 443-451.	2.1	27

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37	Acute effects of changes to the gravitational vector on the eye. Journal of Applied Physiology, 2016, 120, 939-946.	2.5	39
38	Autonomous, Computer-Based Behavioral Health Countermeasure Evaluation at HI-SEAS Mars Analog. Aerospace Medicine and Human Performance, 2016, 87, 912-920.	0.4	26
39	Hyperbaric oxygen for patients with above-knee amputations, persistent ischemia, and nonreconstructable vascular disease. Journal of Vascular Surgery, 2016, 63, 1082-1084.	1.1	2
40	DPOAE level mapping for detecting noise-induced cochlear damage from short-duration music exposures. Noise and Health, 2015, 17, 263.	0.5	16
41	Auditory Impairments in HIV-Infected Individuals in Tanzania. Ear and Hearing, 2014, 35, 306-317.	2.1	37
42	Feasibility Study of an Interactive Multimedia Electronic Problem Solving Treatment Program for Depression: A Preliminary Uncontrolled Trial. Behavior Therapy, 2014, 45, 358-375.	2.4	18
43	A randomized controlled trial of a self-guided, multimedia, stress management and resilience training program. Behaviour Research and Therapy, 2013, 51, 106-112.	3.1	117
44	Pure-tone audiometric threshold assessment with in-ear monitoring of noise levels. International Journal of Audiology, 2013, 52, 783-788.	1.7	13
45	Distortion product otoacoustic emission level maps from normal and noise-damaged cochleae. Noise and Health, 2013, 15, 315.	0.5	12
46	P-135â€ƒHyperbaric Oxygen Therapy for the Treatment of Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2013, 19, S77-S78.	1.9	1
47	Electronic Problem-Solving Treatment: Description and Pilot Study of an Interactive Media Treatment for Depression. JMIR Research Protocols, 2012, 1, e11.	1.0	19
48	Chlorpheniramine and ephedrine in combination for motion sickness. Journal of Vestibular Research: Equilibrium and Orientation, 2008, 17, 301-311.	2.0	8
49	Chlorpheniramine and ephedrine in combination for motion sickness. Journal of Vestibular Research: Equilibrium and Orientation, 2007, 17, 301-11.	2.0	2
50	Dual-frequency ultrasound for detecting and sizing bubbles. Acta Astronautica, 2005, 56, 1041-1047.	3.2	28
51	Chlorpheniramine for motion sickness. Journal of Vestibular Research: Equilibrium and Orientation, 2004, 14, 53-61.	2.0	13
52	Chlorpheniramine for motion sickness. Journal of Vestibular Research: Equilibrium and Orientation, 2004, 14, 53-61.	2.0	4
53	Central Venous Pressure in Space. New England Journal of Medicine, 1993, 328, 1853-1854.	27.0	173