

Jay C Buckey

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

951
citations

567281
15
h-index

501196
28
g-index

58
all docs

58
docs citations

58
times ranked

970
citing authors

#	ARTICLE	IF	CITATIONS
1	Central Venous Pressure in Space. <i>New England Journal of Medicine</i> , 1993, 328, 1853-1854.	27.0	173
2	A randomized controlled trial of a self-guided, multimedia, stress management and resilience training program. <i>Behaviour Research and Therapy</i> , 2013, 51, 106-112.	3.1	117
3	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. <i>American Journal of Gastroenterology</i> , 2018, 113, 1516-1523.	0.4	47
4	Acute effects of changes to the gravitational vector on the eye. <i>Journal of Applied Physiology</i> , 2016, 120, 939-946.	2.5	39
5	Auditory Impairments in HIV-Infected Individuals in Tanzania. <i>Ear and Hearing</i> , 2014, 35, 306-317.	2.1	37
6	Microgravity-induced ocular changes are related to body weight. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R496-R499.	1.8	33
7	Transcutaneous oxygen measurement in humans using a paramagnetic skin adhesive film. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 781-794.	3.0	31
8	Dual-frequency ultrasound for detecting and sizing bubbles. <i>Acta Astronautica</i> , 2005, 56, 1041-1047.	3.2	28
9	Auditory Impairments in HIV-Infected Children. <i>Ear and Hearing</i> , 2016, 37, 443-451.	2.1	27
10	Autonomous, Computer-Based Behavioral Health Countermeasure Evaluation at HI-SEAS Mars Analog. <i>Aerospace Medicine and Human Performance</i> , 2016, 87, 912-920.	0.4	26
11	Randomized Controlled Trial of a Computerized Interactive Media-Based Problem Solving Treatment for Depression. <i>Behavior Therapy</i> , 2017, 48, 413-425.	2.4	26
12	Speech in Noise Perception as a Marker of Cognitive Impairment in HIV Infection. <i>Ear and Hearing</i> , 2018, 39, 548-554.	2.1	24
13	Ocular changes over 60 min in supine and prone postures. <i>Journal of Applied Physiology</i> , 2017, 123, 415-423.	2.5	21
14	Electronic Problem-Solving Treatment: Description and Pilot Study of an Interactive Media Treatment for Depression. <i>JMIR Research Protocols</i> , 2012, 1, e11.	1.0	19
15	Feasibility Study of an Interactive Multimedia Electronic Problem Solving Treatment Program for Depression: A Preliminary Uncontrolled Trial. <i>Behavior Therapy</i> , 2014, 45, 358-375.	2.4	18
16	Fixed-Level Frequency Threshold Testing for Ototoxicity Monitoring. <i>Ear and Hearing</i> , 2017, 38, e369-e375.	2.1	18
17	DPOAE level mapping for detecting noise-induced cochlear damage from short-duration music exposures. <i>Noise and Health</i> , 2015, 17, 263.	0.5	16
18	A phase 2B randomised trial of hyperbaric oxygen therapy for ulcerative colitis patients hospitalised for moderate to severe flares. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 52, 955-963.	3.7	15

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19	Autonomous Psychological Support for Isolation and Confinement. <i>Aerospace Medicine and Human Performance</i> , 2020, 91, 876-885.	0.4	15
20	Using tablet-based technology to deliver time-efficient ototoxicity monitoring. <i>International Journal of Audiology</i> , 2018, 57, S78-S86.	1.7	14
21	Pure-tone audiometric threshold assessment with in-ear monitoring of noise levels. <i>International Journal of Audiology</i> , 2013, 52, 783-788.	1.7	13
22	Hearing complaints in HIV infection originate in the brain not the ear. <i>Aids</i> , 2019, 33, 1449-1454.	2.2	13
23	Auditory neurophysiology reveals central nervous system dysfunction in HIV-infected individuals. <i>Clinical Neurophysiology</i> , 2020, 131, 1827-1832.	1.5	13
24	Chlorpheniramine for motion sickness. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2004, 14, 53-61.	2.0	13
25	Distortion product otoacoustic emission level maps from normal and noise-damaged cochleae. <i>Noise and Health</i> , 2013, 15, 315.	0.5	12
26	Respiratory modulation of human autonomic function on Earth. <i>Journal of Physiology</i> , 2016, 594, 5611-5627.	2.9	12
27	The Host-Microbiome Response to Hyperbaric Oxygen Therapy in Ulcerative Colitis Patients. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 14, 35-53.	4.5	10
28	Proposed mechanism for reduced jugular vein flow in microgravity. <i>Physiological Reports</i> , 2021, 9, e14782.	1.7	9
29	Natural Scene Virtual Reality as a Behavioral Health Countermeasure in Isolated, Confined, and Extreme Environments: Three Isolated, Confined, Extreme Analog Case Studies. <i>Human Factors</i> , 2023, 65, 1266-1278.	3.5	9
30	Central Auditory Tests to Track Cognitive Function in People With HIV: Longitudinal Cohort Study. <i>JMIR Formative Research</i> , 2021, 5, e26406.	1.4	8
31	Use of a Self-guided Computerized Cognitive Behavioral Tool During COVID-19: Evaluation Study. <i>JMIR Formative Research</i> , 2021, 5, e26989.	1.4	8
32	Chlorpheniramine and ephedrine in combination for motion sickness. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2008, 17, 301-311.	2.0	8
33	Portable Autorefractors for Detecting Axial Length Changes in Space. <i>Aerospace Medicine and Human Performance</i> , 2018, 89, 724-730.	0.4	7
34	The Relationship Between Central Auditory Tests and Neurocognitive Domains in Adults Living With HIV. <i>Frontiers in Neuroscience</i> , 2021, 15, 696513.	2.8	7
35	Nonverbal cognitive assessment of children in Tanzania with and without HIV. <i>Child Neuropsychology</i> , 2022, 28, 107-119.	1.3	6
36	Hyperbaric Oxygen as Radiation Sensitizer for Locally Advanced Squamous Cell Carcinoma of the Oropharynx: A Phase 1 Dose-Escalation Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 481-486.	0.8	5

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37	The Correlation Between Body Weight and Intraocular Pressure. <i>Aerospace Medicine and Human Performance</i> , 2021, 92, 886-897.	0.4	5
38	A theory for why the spaceflight-associated neuro-ocular syndrome develops. <i>Journal of Applied Physiology</i> , 2022, 132, 1201-1203.	2.5	5
39	Application of SPOT chip for transcutaneous oximetry. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 2837-2840.	3.0	4
40	Development of an International, Multicenter, Hyperbaric Oxygen Treatment Registry and Research Consortium: Protocol for Outcome Data Collection and Analysis. <i>JMIR Research Protocols</i> , 2020, 9, e18857.	1.0	4
41	Chlorpheniramine for motion sickness. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2004, 14, 53-61.	2.0	4
42	Hyperbaric Oxygen as Successful Monotherapy for a Severe Ulcerative Colitis Flare. <i>Inflammatory Bowel Diseases</i> , 2022, 28, 1474-1475.	1.9	3
43	Hyperbaric oxygen for patients with above-knee amputations, persistent ischemia, and nonreconstructable vascular disease. <i>Journal of Vascular Surgery</i> , 2016, 63, 1082-1084.	1.1	2
44	Test-Retest repeatability of automated threshold audiometry in Nicaraguan schoolchildren. <i>International Journal of Audiology</i> , 2022, , 1-8.	1.7	2
45	Chlorpheniramine and ephedrine in combination for motion sickness. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2007, 17, 301-11.	2.0	2
46	Gap detection responses modelled using the Hill equation in adults with well-controlled HIV. <i>International Journal of Audiology</i> , 2023, 62, 383-392.	1.7	2
47	P-135 Hyperbaric Oxygen Therapy for the Treatment of Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2013, 19, S77-S78.	1.9	1
48	Use of custom-moulded earmoulds to improve repeatability of DPOAE map measurements. <i>International Journal of Audiology</i> , 2020, 60, 1-6.	1.7	1
49	Distortion product otoacoustic mapping measured pre- and post-loud sound exposures. <i>International Journal of Audiology</i> , 2022, 61, 187-196.	1.7	1
50	Peripheral Auditory Function in Young HIV-Positive Adults With Clinically Normal Hearing. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, , 019459982110471.	1.9	1
51	Microgravity-induced reduced jugular vein flow is more pronounced on the non-dominant side. <i>Acta Astronautica</i> , 2022, , .	3.2	1
52	Renal Effects of Hyperbaric Oxygen Therapy in Patients with Diabetes Mellitus: A Retrospective Study. <i>International Journal of Nephrology</i> , 2021, 2021, 1-5.	1.3	0
53	A Rare Presentation of Intraosseous Sarcoidosis of the Mandible Presenting as Peri-Implantitis: A Case Report and Literature Review. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021, , .	1.2	0