

# Alan R Hargens

## List of Publications by Year in descending order

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143  
papers

5,783  
citations

71102

41  
h-index

88630

70  
g-index

145  
all docs

145  
docs citations

145  
times ranked

4265  
citing authors

#	ARTICLE	IF	CITATIONS
1	The NASA Twins Study: A multidimensional analysis of a year-long human spaceflight. <i>Science</i> , 2019, 364, .	12.6	576
2	Long-duration bed rest as an analog to microgravity. <i>Journal of Applied Physiology</i> , 2016, 120, 891-903.	2.5	234
3	Spaceflight-Induced Intracranial Hypertension and Visual Impairment: Pathophysiology and Countermeasures. <i>Physiological Reviews</i> , 2018, 98, 59-87.	28.8	186
4	Cardiovascular adaptations, fluid shifts, and countermeasures related to space flight. <i>Respiratory Physiology and Neurobiology</i> , 2009, 169, S30-S33.	1.6	173
5	Gravitational haemodynamics and oedema prevention in the giraffe. <i>Nature</i> , 1987, 329, 59-60.	27.8	163
6	Assessment of Jugular Venous Blood Flow Stasis and Thrombosis During Spaceflight. <i>JAMA Network Open</i> , 2019, 2, e1915011.	5.9	152
7	Cardiac atrophy in women following bed rest. <i>Journal of Applied Physiology</i> , 2007, 103, 8-16.	2.5	148
8	Wide tourniquet cuffs more effective at lower inflation pressures. <i>Acta Orthopaedica</i> , 1988, 59, 447-451.	1.4	135
9	Skeletal changes during and after spaceflight. <i>Nature Reviews Rheumatology</i> , 2018, 14, 229-245.	8.0	135
10	Space physiology VI: exercise, artificial gravity, and countermeasure development for prolonged space flight. <i>European Journal of Applied Physiology</i> , 2013, 113, 2183-2192.	2.5	127
11	Cardiovascular adaptation to spaceflight. <i>Medicine and Science in Sports and Exercise</i> , 1996, 28, 977-982.	0.4	117
12	Lumbar Spine Disc Height and Curvature Responses to an Axial Load Generated by a Compression Device Compatible with Magnetic Resonance Imaging. <i>Spine</i> , 2001, 26, 2596-2600.	2.0	111
13	Supine lower body negative pressure exercise during bed rest maintains upright exercise capacity. <i>Journal of Applied Physiology</i> , 2000, 89, 218-227.	2.5	107
14	Intramuscular Deoxygenation during Exercise in Patients Who Have Chronic Anterior Compartment Syndrome of the Leg*. <i>Journal of Bone and Joint Surgery - Series A</i> , 1997, 79, 844-9.	3.0	104
15	From the international space station to the clinic: how prolonged unloading may disrupt lumbar spine stability. <i>Spine Journal</i> , 2018, 18, 7-14.	1.3	92
16	Evaluation of Treadmill Exercise in a Lower Body Negative Pressure Chamber as a Countermeasure for Weightlessness-Induced Bone Loss: A Bed Rest Study With Identical Twins. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 2223-2230.	2.8	85
17	Ambulation in simulated fractional gravity using lower body positive pressure: cardiovascular safety and gait analyses. <i>Journal of Applied Physiology</i> , 2006, 101, 771-777.	2.5	84
18	Exercise within lower body negative pressure partially counteracts lumbar spine deconditioning associated with 28-day bed rest. <i>Journal of Applied Physiology</i> , 2005, 99, 39-44.	2.5	83

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19	Near-Infrared Spectroscopy for Monitoring of Tissue Oxygenation of Exercising Skeletal Muscle in a Chronic Compartment Syndrome Model*. <i>Journal of Bone and Joint Surgery - Series A</i> , 1997, 79, 838-43.	3.0	83
20	Lumbar Spine Paraspinal Muscle and Intervertebral Disc Height Changes in Astronauts After Long-Duration Spaceflight on the International Space Station. <i>Spine</i> , 2016, 41, 1917-1924.	2.0	77
21	Disc herniations in astronauts: What causes them, and what does it tell us about herniation on earth?. <i>European Spine Journal</i> , 2016, 25, 144-154.	2.2	77
22	Lower body negative pressure treadmill exercise as a countermeasure for bed rest-induced bone loss in female identical twins. <i>Bone</i> , 2007, 40, 529-537.	2.9	75
23	WISE-2005: Supine treadmill exercise within lower body negative pressure and flywheel resistive exercise as a countermeasure to bed rest-induced bone loss in women during 60-day simulated microgravity. <i>Bone</i> , 2008, 42, 572-581.	2.9	72
24	The Headache of High Altitude and Microgravityâ€™ Similarities with Clinical Syndromes of Cerebral Venous Hypertension. <i>High Altitude Medicine and Biology</i> , 2011, 12, 379-386.	0.9	65
25	Leg intramuscular pressures during locomotion in humans. <i>Journal of Applied Physiology</i> , 1998, 84, 1976-1981.	2.5	64
26	A simple method for measuring interstitial fluid pressure in cancer tissues. <i>Microvascular Research</i> , 2005, 70, 116-120.	2.5	64
27	Pathophysiology of Low Back Pain during Exposure to Microgravity. <i>Aviation, Space, and Environmental Medicine</i> , 2008, 79, 365-373.	0.5	64
28	WISE-2005: effect of aerobic and resistive exercises on orthostatic tolerance during 60 days bed rest in women. <i>European Journal of Applied Physiology</i> , 2009, 106, 217-227.	2.5	59
29	The ratio of animal protein intake to potassium intake is a predictor of bone resorption in space flight analogues and in ambulatory subjects. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 1058-1065.	4.7	58
30	The Effect of Backpacks on the Lumbar Spine in Children. <i>Spine</i> , 2010, 35, 83-88.	2.0	58
31	Ground-Based Analogs for Human Spaceflight. <i>Frontiers in Physiology</i> , 2020, 11, 716.	2.8	54
32	Lower body negative pressure exercise plus brief postexercise lower body negative pressure improve post-bed rest orthostatic tolerance. <i>Journal of Applied Physiology</i> , 2007, 103, 1964-1972.	2.5	51
33	Postoperative Imaging of Bioabsorbable Anchors in Rotator Cuff Repair. <i>American Journal of Sports Medicine</i> , 2014, 42, 552-557.	4.2	51
34	Lower Body Positive-pressure Exercise after Knee Surgery. <i>Clinical Orthopaedics and Related Research</i> , 2005, 431, 213-219.	1.5	50
35	Upright exercise or supine lower body negative pressure exercise maintains exercise responses after bed rest. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 892-900.	0.4	49
36	Comparing two devices of suspended treadmill walking by varying body unloading and Froude number. <i>Gait and Posture</i> , 2009, 30, 446-451.	1.4	48

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37	Intraocular/Intracranial Pressure Mismatch Hypothesis for Visual Impairment Syndrome in Space. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 78-80.	0.5	47
38	Noninvasive Measurements of Intramuscular Pressure Using Pulsed Phase-locked Loop Ultrasound for Detecting Compartment Syndromes. <i>Journal of Orthopaedic Trauma</i> , 2006, 20, 458-463.	1.4	45
39	WISE-2005: Countermeasures to prevent muscle deconditioning during bed rest in women. <i>Journal of Applied Physiology</i> , 2014, 116, 654-667.	2.5	45
40	Supine LBNP Exercise Maintains Exercise Capacity in Male Twins during 30-d Bed Rest. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 1315-1326.	0.4	44
41	WISE-2005. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 2165-2176.	0.4	43
42	Supine lower body negative pressure exercise simulates metabolic and kinetic features of upright exercise. <i>Journal of Applied Physiology</i> , 2000, 89, 649-654.	2.5	42
43	Intramuscular pressure and EMG relate during static contractions but dissociate with movement and fatigue. <i>Journal of Applied Physiology</i> , 2004, 96, 1522-1529.	2.5	42
44	Maximizing information from space data resources: a case for expanding integration across research disciplines. <i>European Journal of Applied Physiology</i> , 2013, 113, 1645-1654.	2.5	42
45	Effect of Load Carriage on Lumbar Spine Kinematics. <i>Spine</i> , 2013, 38, E783-E791.	2.0	41
46	Asymmetric Loads and Pain Associated With Backpack Carrying by Children. <i>Journal of Pediatric Orthopaedics</i> , 2008, 28, 512-517.	1.2	40
47	LBNP exercise protects aerobic capacity and sprint speed of female twins during 30 days of bed rest. <i>Journal of Applied Physiology</i> , 2009, 106, 919-928.	2.5	40
48	Fifteen days of microgravity causes growth in calvaria of mice. <i>Bone</i> , 2013, 56, 290-295.	2.9	39
49	Effect of microgravity on the biomechanical properties of lumbar and caudal intervertebral discs in mice. <i>Journal of Biomechanics</i> , 2014, 47, 2983-2988.	2.1	39
50	Intraocular and Intracranial Pressures During Head-Down Tilt with Lower Body Negative Pressure. <i>Aviation, Space, and Environmental Medicine</i> , 2015, 86, 3-7.	0.5	39
51	LBNP treadmill exercise maintains spine function and muscle strength in identical twins during 28-day simulated microgravity. <i>Journal of Applied Physiology</i> , 2007, 102, 2274-2278.	2.5	38
52	Ultrasonic device for the noninvasive diagnosis of compartment syndrome. <i>Physiological Measurement</i> , 2004, 25, N1-N9.	2.1	36
53	A new ?transducer-tipped? fiber optic catheter for measuring intramuscular pressures. <i>Journal of Orthopaedic Research</i> , 1990, 8, 464-468.	2.3	35
54	Lower-body negative-pressure exercise and bed-rest???mediated orthostatic intolerance. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 1446-1453.	0.4	35

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55	Use of Tissue Ultrafiltration for Treatment of Compartment Syndrome. <i>Journal of Orthopaedic Trauma</i> , 2005, 19, 267-275.	1.4	35
56	Human cutaneous vascular responses to whole-body tilting, Gzcentrifugation, and LBNP. <i>Journal of Applied Physiology</i> , 2004, 96, 2153-2160.	2.5	35
57	Spaceflight-induced bone loss alters failure mode and reduces bending strength in murine spinal segments. <i>Journal of Orthopaedic Research</i> , 2016, 34, 48-57.	2.3	34
58	Normal transcapillary pressures in human skeletal muscle and subcutaneous tissues. <i>Microvascular Research</i> , 1981, 22, 177-189.	2.5	32
59	Fluid shifts in vascular and extravascular spaces during and after simulated weightlessness. <i>Medicine and Science in Sports and Exercise</i> , 1983, 15, 421-427.	0.4	31
60	Using the Moon as a high-fidelity analogue environment to study biological and behavioral effects of long-duration space exploration. <i>Planetary and Space Science</i> , 2012, 74, 111-120.	1.7	30
61	WISE 2005: Aerobic and resistive countermeasures prevent paraspinal muscle deconditioning during 60-day bed rest in women. <i>Journal of Applied Physiology</i> , 2016, 120, 1215-1222.	2.5	30
62	Lower-body negative pressure decreases noninvasively measured intracranial pressure and internal jugular vein cross-sectional area during head-down tilt. <i>Journal of Applied Physiology</i> , 2017, 123, 260-266.	2.5	29
63	Renal Stone Risk in a Simulated Microgravity Environment: Impact of Treadmill Exercise With Lower Body Negative Pressure. <i>Journal of Urology</i> , 2006, 176, 127-131.	0.4	28
64	Movement-Induced Knot Migration After Anterior Stabilization in the Shoulder. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 485-490.	2.7	28
65	Wavelet packet transform for R-R interval variability. <i>Medical Engineering and Physics</i> , 2004, 26, 313-319.	1.7	27
66	Genetic Heritability of Urinary Stone Risk in Identical Twins. <i>Journal of Urology</i> , 2006, 175, 2125-2128.	0.4	27
67	Photoplethysmography for non-invasive measurement of bone hemodynamics. <i>Physiological Measurement</i> , 2012, 33, 1027-1042.	2.1	27
68	Noninvasive Measurement of Pulsatile Intracranial Pressure Using Ultrasound. <i>Journal of Neurosurgery</i> , 1998, 71, 66-69.		26
69	Ischemic-preconditioning does not prevent neuromuscular dysfunction after ischemia-reperfusion injury. <i>Journal of Orthopaedic Research</i> , 2004, 22, 918-923.	2.3	25
70	New Noninvasive Ultrasound Technique for Monitoring Perfusion Pressure in a Porcine Model of Acute Compartment Syndrome. <i>Journal of Orthopaedic Trauma</i> , 2009, 23, 186-192.	1.4	24
71	Heritability of bone density: Regional and gender differences in monozygotic twins. <i>Journal of Orthopaedic Research</i> , 2009, 27, 150-154.	2.3	23
72	Axial load-dependent cervical spinal alterations during simulated upright posture: a comparison of healthy controls and patients with cervical degenerative disease. <i>Journal of Neurosurgery: Spine</i> , 2005, 2, 137-144.	1.7	22

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73	Oxygen Consumption During Walking and Running Under Fractional Weight Bearing Conditions. <i>Aviation, Space, and Environmental Medicine</i> , 2010, 81, 550-554.	0.5	22
74	Muscle Microvascular Blood Flow, Oxygenation, pH, and Perfusion Pressure Decrease in Simulated Acute Compartment Syndrome. <i>Journal of Bone and Joint Surgery - Series A</i> , 2017, 99, 1453-1459.	3.0	22
75	Space Exercise and Earth Benefits. <i>Current Pharmaceutical Biotechnology</i> , 2005, 6, 305-317.	1.6	21
76	Noninvasive monitoring of elevated intramuscular pressure in a model compartment syndrome via quantitative fascial motion. <i>Journal of Orthopaedic Research</i> , 2009, 27, 489-494.	2.3	21
77	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
78	Comparison of cardiovascular and biomechanical parameters of supine lower body negative pressure and upright lower body positive pressure to simulate activity in 1/6 G and 3/8 G. <i>Journal of Applied Physiology</i> , 2013, 115, 275-284.	2.5	20
79	High Contact Pressure Beneath Backpack Straps of Children Contributes to Pain. <i>JAMA Pediatrics</i> , 2005, 159, 1186.	3.0	19
80	Upper extremity hemodynamics and sensation with backpack loads. <i>Applied Ergonomics</i> , 2014, 45, 608-612.	3.1	19
81	Body posture and backpack loading: an upright magnetic resonance imaging study of the adult lumbar spine. <i>European Spine Journal</i> , 2014, 23, 1407-1413.	2.2	18
82	Thirty days of spaceflight does not alter murine calvariae structure despite increased Sost expression. <i>Bone Reports</i> , 2017, 7, 57-62.	0.4	18
83	Noninvasive assessment of intracranial pressure waveforms by using pulsed phase lock loop technology. <i>Journal of Neurosurgery</i> , 2005, 103, 361-367.	1.6	17
84	Richard von Volkmann. <i>Clinical Orthopaedics and Related Research</i> , 2008, 466, 500-506.	1.5	17
85	Depth of penetration of negative pressure wound therapy into underlying tissues. <i>Wound Repair and Regeneration</i> , 2009, 17, 113-117.	3.0	17
86	Leg intramuscular pressures and in vivo knee forces during lower body positive and negative pressure treadmill exercise. <i>Journal of Applied Physiology</i> , 2012, 113, 31-38.	2.5	17
87	Sex-specific responses of bone metabolism and renal stone risk during bed rest. <i>Physiological Reports</i> , 2014, 2, e12119.	1.7	17
88	Effects of dynamic and static handgrip exercises on hand and wrist volume. <i>European Journal of Applied Physiology</i> , 2008, 103, 41-45.	2.5	16
89	Treadmill exercise within lower-body negative pressure attenuates simulated spaceflight-induced reductions of balance abilities in men but not women. <i>Npj Microgravity</i> , 2016, 2, 16022.	3.7	16
90	Noninvasive diagnostics for extremity compartment syndrome following traumatic injury: A state-of-the-art review. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 87, S59-S66.	2.1	16

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91	Loop Securities of Arthroscopic Sliding-Knot Techniques When the Suture Loop Is Not Evenly Tensioned. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2013, 29, 1380-1386.	2.7	15
92	Lower-body negative pressure restores leg bone microvascular flow to supine levels during head-down tilt. <i>Journal of Applied Physiology</i> , 2015, 119, 101-109.	2.5	15
93	Mechanical countermeasures to headward fluid shifts. <i>Journal of Applied Physiology</i> , 2021, 130, 1766-1777.	2.5	15
94	Lumbar spine disc heights and curvature: upright posture vs. supine compression harness. <i>Aviation, Space, and Environmental Medicine</i> , 2003, 74, 512-6.	0.5	15
95	Bone hemodynamic responses to changes in external pressure. <i>Bone</i> , 2013, 52, 604-610.	2.9	14
96	Altered Disc Compression in Children With Idiopathic Low Back Pain. <i>Spine</i> , 2014, 39, 243-248.	2.0	14
97	Cranial diameter pulsations measured by non-invasive ultrasound decrease with tilt. <i>Aviation, Space, and Environmental Medicine</i> , 2003, 74, 882-5.	0.5	14
98	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
99	The effect of simulated microgravity on lumbar spine biomechanics: an in vitro study. <i>European Spine Journal</i> , 2016, 25, 2889-2897.	2.2	13
100	Biomechanical changes in the lumbar spine following spaceflight and factors associated with postspaceflight disc herniation. <i>Spine Journal</i> , 2022, 22, 197-206.	1.3	13
101	Acute Cutaneous Microvascular Flow Responses to Whole-Body Tilting in Humans. <i>Microvascular Research</i> , 1993, 46, 351-358.	2.5	12
102	Treadmill exercise within lower body negative pressure protects leg lean tissue mass and extensor strength and endurance during bed rest. <i>Physiological Reports</i> , 2016, 4, e12892.	1.7	11
103	Paraspinal Muscle Vasculature Contributes to Posterolateral Spinal Fusion. <i>Spine</i> , 2006, 31, 891-896.	2.0	10
104	Mobility of the Elastic Counterpressure Space Suit Glove. <i>Aviation, Space, and Environmental Medicine</i> , 2009, 80, 890-893.	0.5	9
105	Gender differences in tibial microvascular flow responses to head down tilt and lower body negative pressure. <i>Physiological Reports</i> , 2017, 5, e13143.	1.7	9
106	The Mobile Lower Body Negative Pressure Gravity Suit for Long-Duration Spaceflight. <i>Frontiers in Physiology</i> , 2020, 11, 977.	2.8	9
107	Shoulder skin and muscle hemodynamics during backpack carriage. <i>Applied Ergonomics</i> , 2015, 51, 80-84.	3.1	8
108	Bone microvascular flow differs from skin microvascular flow in response to head-down tilt. <i>Journal of Applied Physiology</i> , 2017, 123, 860-866.	2.5	8

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109	Bruxism and Temporal Bone Hypermobility in Patients with Multiple Sclerosis. <i>Cranio - Journal of Craniomandibular Practice</i> , 2011, 29, 178-186.	1.4	7
110	Tibia Bone Microvascular Flow Dynamics as Compared to Anterior Tibial Artery Flow During Body Tilt. <i>Aerospace Medicine and Human Performance</i> , 2018, 89, 357-364.	0.4	6
111	System for determination of ultrasonic wave speeds and their temperature dependence in liquids and in vitro tissues. <i>Journal of the Acoustical Society of America</i> , 2005, 117, 646-652.	1.1	5
112	Inelastic Compression Legging Produces Gradient Compression and Significantly Higher Skin Surface Pressures Compared with an Elastic Compression Stocking. <i>Vascular</i> , 2008, 16, 25-30.	0.9	5
113	Cardiovascular, Lymphatic, and Ocular Health in Space. <i>Life</i> , 2022, 12, 268.	2.4	5
114	Noninvasive Measurements of Pressure for Detecting Compartment Syndromes. <i>Journal of Orthopedics &amp; Rheumatology</i> , 2013, 1, 5.	0.1	4
115	Toe Blood Pressure and Leg Muscle Oxygenation with Body Posture. <i>Aviation, Space, and Environmental Medicine</i> , 2011, 82, 531-534.	0.5	3
116	Increased microvascular flow and foot sensation with mild continuous external compression. <i>Physiological Reports</i> , 2013, 1, e00157.	1.7	3
117	Accuracy of Water Displacement Hand Volumetry Using an Ethanol and Water Mixture. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 187-190.	0.5	3
118	Intracranial Pressure After Soccer Heading. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	3
119	Intramuscular Pressures in Antigravity Muscles Using Gravity-Independent, Pneumatic Hardware. <i>Aviation, Space, and Environmental Medicine</i> , 2008, 79, 749-753.	0.5	2
120	Anterior-Posterior Transcranial Ultrasound to Measure Cranial Oscillations. <i>Aviation, Space, and Environmental Medicine</i> , 2013, 84, 995-1000.	0.5	2
121	Cerebrovascular Effects of Lower Body Negative Pressure at 3T MRI : Implications for Longâ€Duration Space Travel. <i>Journal of Magnetic Resonance Imaging</i> , 2022, , .	3.4	2
122	Rhythmic contractility in the hepatic portal â€corkscrewâ€vein of the rat snake. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2009, 152, 389-397.	1.8	1
123	Aging Decreases Hand Volume Expansion with Water Immersion. <i>Frontiers in Physiology</i> , 2018, 9, 72.	2.8	1
124	The Effects of Resistance Exercise on Intracranial Pressure. <i>FASEB Journal</i> , 2018, 32, 587.8.	0.5	1
125	Using hierarchical unsupervised learning to integrate and reduce multi-level and multi-paraspinal muscle MRI data in relation to low back pain. <i>European Spine Journal</i> , 2022, 31, 2046-2056.	2.2	1
126	Spaceflight-Associated Vascular Remodeling and Gene Expression in Mouse Calvaria. <i>Frontiers in Physiology</i> , 2022, 13, .	2.8	1



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127	Introduction to Visual Impairment and Intracranial Pressure. , 2017, , 1-3.		0
128	Reduced Gravity by Lower Body Positive Pressure. , 2021, , 479-488.		0
129	Parabolic Flight. , 2021, , 489-498.		0
130	Generating waist area-dependent ground reaction forces for long-duration spaceflight. Journal of Biomechanics, 2021, 118, 110272.	2.1	0
131	Tibialis anterior muscle oxygenation during lower body pressure. FASEB Journal, 2006, 20, A805.	0.5	0
132	Mild external compression of the leg increases muscle blood flow and oxygenation. FASEB Journal, 2006, 20, .	0.5	0
133	Backpack straps decrease upper extremity blood flow. FASEB Journal, 2008, 22, 957.28.	0.5	0
134	Hypergravity exercise training on a humanâ€powered centrifuge. FASEB Journal, 2008, 22, 752.7.	0.5	0
135	Blood Flow and Oxygenation are Modulated by External Pressure during Isometric Muscle Contraction. FASEB Journal, 2011, 25, 1046.2.	0.5	0
136	Modeling Intracranial Pressure in Microgravity during Parabolic Flight. FASEB Journal, 2012, 26, 1085.11.	0.5	0
137	Body position and backpack loading: an upright magnetic resonance imaging study of the adult lumbar spine. FASEB Journal, 2013, 27, lb778.	0.5	0
138	Lower Body Negative Pressure Counters Internal Jugular Vein Engorgement during Simulated Microgravity. FASEB Journal, 2015, 29, 990.9.	0.5	0
139	Lumbar Paraspinal Muscle Atrophy during Long Duration Spaceflight. FASEB Journal, 2015, 29, 990.4.	0.5	0
140	Cerebral Vascular Changes in Space Mice Calvaria. FASEB Journal, 2015, 29, 990.8.	0.5	0
141	OSTEOPOROSIS, CIRCULATION, AND FLUID DYNAMICS. , 2016, , 253-282.		0
142	Parabolic Flight. , 2020, , 1-8.		0
143	Parabolic Flight. , 2020, , 1-8.		0