Daniel Schmitt

List of Publications by Year
in descending order

40 papers	834 citations	471509 17 h-index	501196 28 g-index
41 all docs	41 docs citations	41 times ranked	790 citing authors

#	Article	IF	Citations
1	Racial differences in running and landing measures associated with injury risk vary by sex. Sports Biomechanics, 2022, , 1-19.	1.6	0
2	Validity of Using Automated Two-Dimensional Video Analysis to Measure Continuous Sagittal Plane Running Kinematics. Annals of Biomedical Engineering, 2021, 49, 455-468.	2.5	16
3	The effect of ankle osteoarthritis and total ankle arthroplasty on center of pressure position. Journal of Orthopaedic Research, 2021, 39, 1245-1252.	2.3	7
4	Sex-Specific Difference in Dynamic Balance Following Total Hip Replacement. Innovation in Aging, 2021, 5, igab019.	0.1	3
5	Effects of human variation on foot and ankle pain in rural Madagascar. American Journal of Physical Anthropology, 2021, 176, 308-320.	2.1	1
6	A novel method for measuring asymmetry in kinematic and kinetic variables: The normalized symmetry index. Journal of Biomechanics, 2020, 99, 109531.	2.1	31
7	Gaze-behaviors of runners in a natural, urban running environment. PLoS ONE, 2020, 15, e0233158.	2.5	2
8	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
9	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
10	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
11	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
12	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
13	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
14	Hurry Up and Get Out of the Way! Exploring the Limits of Muscle-Based Latch Systems for Power Amplification. Integrative and Comparative Biology, 2019, 59, 1546-1558.	2.0	16
15	The mechanical origins of arm-swinging. Journal of Human Evolution, 2019, 130, 61-71.	2.6	29
16	Limb phase flexibility in walking: a test case in the squirrel monkey (Saimiri sciureus). Frontiers in Zoology, 2019, 16, 5.	2.0	7
17	Pitch control and speed limitation during overground deceleration in lemurid primates. Journal of Morphology, 2019, 280, 300-306.	1.2	0
18	Mechanisms for the functional differentiation of the propulsive and braking roles of the forelimbs and hindlimbs during quadrupedal walking in primates and felines. Journal of Experimental Biology, 2018, 221, .	1.7	34

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19	Ontogenetic changes in foot strike pattern and calcaneal loading during walking in young children. Gait and Posture, 2018, 59, 18-22.	1.4	20
20	Do forelimb shape and peak forces coâ€vary in strepsirrhines?. American Journal of Physical Anthropology, 2018, 167, 602-614.	2.1	8
21	Effects of aging on the biomechanics of Coquerel's sifaka (Propithecus coquereli): Evidence of robustness to senescence. Experimental Gerontology, 2018, 111, 235-240.	2.8	3
22	Functional associations between support use and forelimb shape in strepsirrhines and their relevance to inferring locomotor behavior in early primates. Journal of Human Evolution, 2017, 108, 11-30.	2.6	25
23	Are There Differences in Gait Mechanics in Patients With A Fixed Versus Mobile Bearing Total Ankle Arthroplasty? A Randomized Trial. Clinical Orthopaedics and Related Research, 2017, 475, 2599-2606.	1.5	30
24	Pelvic Breadth and Locomotor Kinematics in Human Evolution. Anatomical Record, 2017, 300, 739-751.	1.4	64
25	Ontogenetic scaling of fore limb and hind limb joint posture and limb bone crossâ€sectional geometry in vervets and baboons. American Journal of Physical Anthropology, 2016, 161, 72-83.	2.1	6
26	Mechanisms for regulating step length while running towards and over an obstacle. Human Movement Science, 2016, 49, 186-195.	1.4	9
27	Hip, Knee, and Ankle Osteoarthritis Negatively Affects Mechanical Energy Exchange. Clinical Orthopaedics and Related Research, 2016, 474, 2055-2063.	1.5	22
28	Patterns of quadrupedal locomotion in a vertical clinging and leaping primate (<i>Propithecus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 locomotion. American Journal of Physical Anthropology, 2016, 160, 644-652.	2.1	29
29	Gait kinetics of above- and below-branch quadrupedal locomotion in lemurid primates. Journal of Experimental Biology, 2016, 219, 53-63.	1.7	32
30	Singleâ€limb force data for two lemur species while vertically clinging. American Journal of Physical Anthropology, 2015, 158, 463-474.	2.1	4
31	The evolution of the human pelvis: changing adaptations to bipedalism, obstetrics and thermoregulation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140063.	4.0	133
32	Effect of end-stage hip, knee, and ankle osteoarthritis on walking mechanics. Gait and Posture, 2015, 42, 373-379.	1.4	52
33	Kinetics of bipedal locomotion during load carrying in capuchin monkeys. Journal of Human Evolution, 2015, 85, 149-156.	2.6	54
34	Characteristics of Vibration that Alter Cardiovascular Parameters in Mice. Journal of the American Association for Laboratory Animal Science, 2015, 54, 372-7.	1.2	10
35	Lumbar vertebral morphology of flying, gliding, and suspensory mammals: Implications for the locomotor behavior of the subfossil lemurs Palaeopropithecus and Babakotia. Journal of Human Evolution, 2014, 75, 40-52.	2.6	68
36	The mechanics of acceleration and deceleration in primate quadrupeds:implications for primate locomotor evolution.. FASEB Journal, 2013, 27, 755.12.	0.5	1

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37	Positional Behavior of Delacourâ€™s Langurs (Trachypithecus delacouri) in Northern Vietnam. International Journal of Primatology, 2012, 33, 19-37.	1.9	31
38	Interpreting the Role of Climbing in Primate Locomotor Evolution: Are the Biomechanics of Climbing Influenced by Habitual Substrate Use and Anatomy?. International Journal of Primatology, 2011, 32, 430-444.	1.9	54
39	Brief communication: Forelimb compliance in arboreal and terrestrial opossums. American Journal of Physical Anthropology, 2010, 141, 142-146.	2.1	12
40	The relationship between bone mechanical properties and ground reaction forces in normal and hypermuscular mice. Journal of Experimental Zoology, 2010, 313A, 339-351.	1.2	21