

# Daniel Schmitt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4395215/publications.pdf>

Version: 2024-02-01

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	The evolution of the human pelvis: changing adaptations to bipedalism, obstetrics and thermoregulation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140063.	4.0	133
2	Lumbar vertebral morphology of flying, gliding, and suspensory mammals: Implications for the locomotor behavior of the subfossil lemurs <i>Palaeopropithecus</i> and <i>Babakotia</i> . <i>Journal of Human Evolution</i> , 2014, 75, 40-52.	2.6	68
3	Pelvic Breadth and Locomotor Kinematics in Human Evolution. <i>Anatomical Record</i> , 2017, 300, 739-751.	1.4	64
4	Interpreting the Role of Climbing in Primate Locomotor Evolution: Are the Biomechanics of Climbing Influenced by Habitual Substrate Use and Anatomy?. <i>International Journal of Primatology</i> , 2011, 32, 430-444.	1.9	54
5	Kinetics of bipedal locomotion during load carrying in capuchin monkeys. <i>Journal of Human Evolution</i> , 2015, 85, 149-156.	2.6	54
6	Effect of end-stage hip, knee, and ankle osteoarthritis on walking mechanics. <i>Gait and Posture</i> , 2015, 42, 373-379.	1.4	52
7	Mechanisms for the functional differentiation of the propulsive and braking roles of the forelimbs and hindlimbs during quadrupedal walking in primates and felines. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	34
8	Gait kinetics of above- and below-branch quadrupedal locomotion in lemurid primates. <i>Journal of Experimental Biology</i> , 2016, 219, 53-63.	1.7	32
9	Positional Behavior of Delacour's Langurs ( <i>Trachypithecus delacouri</i> ) in Northern Vietnam. <i>International Journal of Primatology</i> , 2012, 33, 19-37.	1.9	31
10	A novel method for measuring asymmetry in kinematic and kinetic variables: The normalized symmetry index. <i>Journal of Biomechanics</i> , 2020, 99, 109531.	2.1	31
11	Are There Differences in Gait Mechanics in Patients With A Fixed Versus Mobile Bearing Total Ankle Arthroplasty? A Randomized Trial. <i>Clinical Orthopaedics and Related Research</i> , 2017, 475, 2599-2606.	1.5	30
12	Patterns of quadrupedal locomotion in a vertical clinging and leaping primate ( <i>Propithecus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 locomotion. <i>American Journal of Physical Anthropology</i> , 2016, 160, 644-652.	2.1	29
13	The mechanical origins of arm-swinging. <i>Journal of Human Evolution</i> , 2019, 130, 61-71.	2.6	29
14	Functional associations between support use and forelimb shape in strepsirrhines and their relevance to inferring locomotor behavior in early primates. <i>Journal of Human Evolution</i> , 2017, 108, 11-30.	2.6	25
15	Hip, Knee, and Ankle Osteoarthritis Negatively Affects Mechanical Energy Exchange. <i>Clinical Orthopaedics and Related Research</i> , 2016, 474, 2055-2063.	1.5	22
16	The relationship between bone mechanical properties and ground reaction forces in normal and hypermuscular mice. <i>Journal of Experimental Zoology</i> , 2010, 313A, 339-351.	1.2	21
17	Ontogenetic changes in foot strike pattern and calcaneal loading during walking in young children. <i>Gait and Posture</i> , 2018, 59, 18-22.	1.4	20
18	Hurry Up and Get Out of the Way! Exploring the Limits of Muscle-Based Latch Systems for Power Amplification. <i>Integrative and Comparative Biology</i> , 2019, 59, 1546-1558.	2.0	16

#	ARTICLE	IF	CITATIONS
19	Validity of Using Automated Two-Dimensional Video Analysis to Measure Continuous Sagittal Plane Running Kinematics. <i>Annals of Biomedical Engineering</i> , 2021, 49, 455-468.	2.5	16
20	Brief communication: Forelimb compliance in arboreal and terrestrial opossums. <i>American Journal of Physical Anthropology</i> , 2010, 141, 142-146.	2.1	12
21	Characteristics of Vibration that Alter Cardiovascular Parameters in Mice. <i>Journal of the American Association for Laboratory Animal Science</i> , 2015, 54, 372-7.	1.2	10
22	Mechanisms for regulating step length while running towards and over an obstacle. <i>Human Movement Science</i> , 2016, 49, 186-195.	1.4	9
23	Do forelimb shape and peak forces co-vary in strepsirrhines?. <i>American Journal of Physical Anthropology</i> , 2018, 167, 602-614.	2.1	8
24	Limb phase flexibility in walking: a test case in the squirrel monkey ( <i>Saimiri sciureus</i> ). <i>Frontiers in Zoology</i> , 2019, 16, 5.	2.0	7
25	The effect of ankle osteoarthritis and total ankle arthroplasty on center of pressure position. <i>Journal of Orthopaedic Research</i> , 2021, 39, 1245-1252.	2.3	7
26	Ontogenetic scaling of fore limb and hind limb joint posture and limb bone cross-sectional geometry in vervets and baboons. <i>American Journal of Physical Anthropology</i> , 2016, 161, 72-83.	2.1	6
27	Single-limb force data for two lemur species while vertically clinging. <i>American Journal of Physical Anthropology</i> , 2015, 158, 463-474.	2.1	4
28	Effects of aging on the biomechanics of Coquerel's sifaka ( <i>Propithecus coquereli</i> ): Evidence of robustness to senescence. <i>Experimental Gerontology</i> , 2018, 111, 235-240.	2.8	3
29	Sex-Specific Difference in Dynamic Balance Following Total Hip Replacement. <i>Innovation in Aging</i> , 2021, 5, igab019.	0.1	3
30	Gaze-behaviors of runners in a natural, urban running environment. <i>PLoS ONE</i> , 2020, 15, e0233158.	2.5	2
31	Effects of human variation on foot and ankle pain in rural Madagascar. <i>American Journal of Physical Anthropology</i> , 2021, 176, 308-320.	2.1	1
32	The mechanics of acceleration and deceleration in primate quadrupeds: implications for primate locomotor evolution.. <i>FASEB Journal</i> , 2013, 27, 755.12.	0.5	1
33	Pitch control and speed limitation during overground deceleration in lemurid primates. <i>Journal of Morphology</i> , 2019, 280, 300-306.	1.2	0
34	Racial differences in running and landing measures associated with injury risk vary by sex. <i>Sports Biomechanics</i> , 2022, , 1-19.	1.6	0
35	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
36	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0

#	ARTICLE	IF	CITATIONS
37	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
38	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
39	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
40	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0