

# Susan G Larson

## List of Publications by Year in descending order

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62  
papers

3,116  
citations

172386

29  
h-index

175177

52  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1151  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel evolution in the hominoid trunk and forelimb. <i>Evolutionary Anthropology</i> , 1998, 6, 87-99.	1.7	186
2	The Primitive Wrist of <i>Homo floresiensis</i> and Its Implications for Hominin Evolution. <i>Science</i> , 2007, 317, 1743-1745.	6.0	178
3	Uniqueness of primate forelimb posture during quadrupedal locomotion. , 2000, 112, 87-101.		168
4	Limb excursion during quadrupedal walking: how do primates compare to other mammals?. <i>Journal of Zoology</i> , 2001, 255, 353-365.	0.8	148
5	Patterns of strain in the macaque tibia during functional activity. <i>American Journal of Physical Anthropology</i> , 2001, 116, 257-265.	2.1	135
6	Unique Aspects of Quadrupedal Locomotion in Nonhuman Primates. , 1998, , 157-173.		134
7	Patterns of strain in the macaque ulna during functional activity. <i>American Journal of Physical Anthropology</i> , 1998, 106, 87-100.	2.1	117
8	EMG of scapulohumeral muscles in the chimpanzee during reaching and ?arboreal? locomotion. <i>American Journal of Anatomy</i> , 1986, 176, 171-190.	0.9	106
9	<i>Homo floresiensis</i> and the evolution of the hominin shoulder. <i>Journal of Human Evolution</i> , 2007, 53, 718-731.	1.3	99
10	Heel contact as a function of substrate type and speed in primates. <i>American Journal of Physical Anthropology</i> , 1995, 96, 39-50.	2.1	98
11	Compliant walking in primates: Elbow and knee yield in primates compared to other mammals. <i>American Journal of Physical Anthropology</i> , 2004, 125, 42-50.	2.1	97
12	Subscapularis function in gibbons and chimpanzees: Implications for interpretation of humeral head torsion in hominoids. <i>American Journal of Physical Anthropology</i> , 1988, 76, 449-462.	2.1	90
13	A three-dimensional musculoskeletal model of the chimpanzee ( <i>Pan troglodytes</i> ) pelvis and hind limb. <i>Journal of Experimental Biology</i> , 2013, 216, 3709-3723.	0.8	85
14	EMG of chimpanzee shoulder muscles during knuckle-walking: problems of terrestrial locomotion in a suspensory adapted primate. <i>Journal of Zoology</i> , 1987, 212, 629-655.	0.8	82
15	New characters for the functional interpretation of primate scapulae and proximal humeri. <i>American Journal of Physical Anthropology</i> , 1995, 98, 13-35.	2.1	81
16	Role of supraspinatus in the quadrupedal locomotion of vervets ( <i>Cercopithecus aethiops</i> ): Implications for interpretation of humeral morphology. <i>American Journal of Physical Anthropology</i> , 1989, 79, 369-377.	2.1	77
17	Weight support distribution during quadrupedal walking in <i>Ateles</i> and <i>Cebus</i> . <i>American Journal of Physical Anthropology</i> , 2011, 144, 633-642.	2.1	76
18	Evolutionary transformation of the hominin shoulder. <i>Evolutionary Anthropology</i> , 2007, 16, 172-187.	1.7	72

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19	Maintenance of above-branch balance during primate arboreal quadrupedalism: Coordinated use of forearm rotators and tail motion. <i>American Journal of Physical Anthropology</i> , 2006, 129, 71-81.	2.1	71
20	Three-dimensional kinematics of the pelvis and hind limbs in chimpanzee ( <i>Pan troglodytes</i> ) and human bipedal walking. <i>Journal of Human Evolution</i> , 2015, 86, 32-42.	1.3	69
21	Sexual Dimorphism in the Postcranial Skeleton of New World Primates. <i>Folia Primatologica</i> , 1985, 44, 82-95.	0.3	66
22	Hallucal grasping in <i>Nycticebus coucang</i> : further implications for the functional significance of a large peroneal process. <i>Journal of Human Evolution</i> , 2010, 58, 33-42.	1.3	66
23	EMG of serratus anterior and trapezius in the chimpanzee: Scapular rotators revisited. <i>American Journal of Physical Anthropology</i> , 1991, 85, 71-84.	2.1	51
24	Chimpanzee super strength and human skeletal muscle evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7343-7348.	3.3	47
25	The Role of Propulsive Muscles of the Shoulder During Quadrupedalism in Vervet Monkeys ( <i>Cercopithecus aethiops</i> ). <i>Journal of Motor Behavior</i> , 1989, 21, 457-472.	0.5	44
26	Telemetered electromyography of the supinators and pronators of the forearm in gibbons and chimpanzees: Implications for the fundamental positional adaptation of hominoids. <i>American Journal of Physical Anthropology</i> , 2001, 115, 253-268.	2.1	42
27	Telemetered electromyography of peroneus longus in <i>Varecia variegata</i> and <i>Eulemur rubriventer</i> : implications for the functional significance of a large peroneal process. <i>Journal of Human Evolution</i> , 2007, 53, 119-134.	1.3	42
28	Surprising trunk rotational capabilities in chimpanzees and implications for bipedal walking proficiency in early hominins. <i>Nature Communications</i> , 2015, 6, 8416.	5.8	39
29	Further evidence for the role of supraspinatus in quadrupedal monkeys. <i>American Journal of Physical Anthropology</i> , 1992, 87, 359-363.	2.1	35
30	Hip extensor EMG and forelimb/hind limb weight support asymmetry in primate quadrupeds. <i>American Journal of Physical Anthropology</i> , 2009, 138, 343-355.	2.1	35
31	A hominoid proximal humerus from the Early Miocene of Rusinga Island, Kenya. <i>Journal of Human Evolution</i> , 1988, 17, 393-401.	1.3	34
32	Mechanisms of force and power production in unsteady ricochet brachiation. <i>American Journal of Physical Anthropology</i> , 2003, 120, 364-372.	2.1	29
33	The type specimen (LB1) of <i>Homo floresiensis</i> did not have Laron Syndrome. <i>American Journal of Physical Anthropology</i> , 2009, 140, 52-63.	2.1	29
34	Electromyographic study of the obturator muscles in non-human primates: implications for interpreting the obturator externus groove of the femur. <i>Journal of Human Evolution</i> , 1993, 24, 403-427.	1.3	27
35	Rotator cuff muscle size and the interpretation of scapular shape in primates. <i>Journal of Human Evolution</i> , 2015, 80, 96-106.	1.3	27
36	Distinct functional roles of primate grasping hands and feet during arboreal quadrupedal locomotion. <i>Journal of Human Evolution</i> , 2015, 88, 79-84.	1.3	27

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37	Humeral retractor EMG during quadrupedal walking in primates. <i>Journal of Experimental Biology</i> , 2007, 210, 1204-1215.	0.8	24
38	Rotator cuff muscle function and its relation to scapular morphology in apes. <i>Journal of Human Evolution</i> , 2013, 65, 391-403.	1.3	24
39	Brief communication: Cineradiographic analysis of the chimpanzee ( <i>Pan troglodytes</i> ) talonavicular and calcaneocuboid joints. <i>American Journal of Physical Anthropology</i> , 2014, 154, 604-608.	2.1	22
40	Function and Cytochemical Characteristics of Postural Limb Muscles of the Rhesus Monkey: A Telemetered EMG and Immunofluorescence Study. <i>Folia Primatologica</i> , 1999, 70, 235-253.	0.3	21
41	Nonhuman Primate Locomotion. <i>American Journal of Physical Anthropology</i> , 2018, 165, 705-725.	2.1	21
42	Evolution of the Hominin Shoulder: Early Homo. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2009, , 65-75.	0.1	21
43	Electromyography of wrist and finger flexor muscles in olive baboons ( <i>Papio anubis</i> ). <i>Journal of Experimental Biology</i> , 2012, 215, 115-123.	0.8	18
44	The definition of humeral torsion: A comment on Rhodes (2006). <i>American Journal of Physical Anthropology</i> , 2007, 133, 819-820.	2.1	17
45	Shoulder Morphology in Early Hominin Evolution. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2013, , 247-261.	0.1	17
46	Humeral torsion and throwing proficiency in early human evolution. <i>Journal of Human Evolution</i> , 2015, 85, 198-205.	1.3	17
47	Scaling of organ weights in <i>Macaca arctoides</i> . <i>American Journal of Physical Anthropology</i> , 1978, 49, 95-102.	2.1	13
48	EMG of the digastric muscle in gibbon and orangutan: Functional consequences of the loss of the anterior digastric in orangutans. <i>American Journal of Physical Anthropology</i> , 1994, 94, 549-567.	2.1	13
49	Adaptations for bipedal walking: Musculoskeletal structure and three-dimensional joint mechanics of humans and bipedal chimpanzees ( <i>Pan troglodytes</i> ). <i>Journal of Human Evolution</i> , 2022, 168, 103195.	1.3	12
50	Great ape thorax and shoulder configuration—An adaptation for arboreality or knuckle-walking?. <i>Journal of Human Evolution</i> , 2018, 125, 15-26.	1.3	11
51	Nonpathological asymmetry in LB1 ( <i>Homo floresiensis</i> ): A reply to Eckhardt and Henneberg. <i>American Journal of Physical Anthropology</i> , 2010, 143, 340-342.	2.1	10
52	Did Australopiths Climb Trees?. <i>Science</i> , 2012, 338, 478-479.	6.0	9
53	Electromyography of crural and pedal muscles in tufted capuchin monkeys ( <i>Sapajus apella</i> ): Implications for hallucal grasping behavior and first metatarsal morphology in euprimates. <i>American Journal of Physical Anthropology</i> , 2015, 156, 553-564.	2.1	9
54	Ontogenetic and interspecific organ weight allometry in Old World monkeys. <i>American Journal of Physical Anthropology</i> , 1984, 64, 59-67.	2.1	7

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55	The loss of the "pelvic step"™ in human evolution. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	6
56	Organ Weight Scaling in Primates. , 1985, , 91-113.		6
57	Geometric Similarity and Heart Weight Scaling: An Application of White's™s Criterion of Similarity. <i>Folia Primatologica</i> , 1984, 42, 76-83.	0.3	4
58	Forearm rotation and the "origin of the hominoid lifestyle?": Response to Sarmiento. <i>American Journal of Physical Anthropology</i> , 2002, 119, 95-95.	2.1	4
59	Phylogeny. , 2018, , 2-8.		0
60	Phylogeny. , 2009, , 3-10.		0
61	Smart Dissection of the Human Heart.. <i>Quarterly Review of Biology</i> , 1996, 71, 460-461.	0.0	0
62	A Guide to Dissection of the Human Body. F. P. Lisowski. <i>Quarterly Review of Biology</i> , 1999, 74, 503-504.	0.0	0