

Anita N Vasavada

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,204
citations

623734

14
h-index

526287

27
g-index

32
all docs

32
docs citations

32
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Posture biofeedback increases cognitive load. <i>Psychological Research</i> , 2022, 86, 1892-1903.	1.7	3
2	Cervical Muscle Activation Due to an Applied Force in Response to Different Types of Acoustic Warnings. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2260-2272.	2.5	5
3	Cervical Spine Musculotendon Lengths When Reading a Tablet in Three Seated Positions. <i>Journal of Applied Biomechanics</i> , 2021, 37, 122-129.	0.8	2
4	Shoulder and elbow requirements during sagittal reach as a result of changing anthropometry throughout pregnancy. <i>Applied Ergonomics</i> , 2021, 94, 103411.	3.1	2
5	The role of neck muscle co-contraction and postural changes in head kinematics after safe head impacts: Investigation of head/neck injury reduction. <i>Journal of Biomechanics</i> , 2021, 128, 110732.	2.1	3
6	Sensitivity analysis of muscle properties and impact parameters on head injury risk in American football. <i>Journal of Biomechanics</i> , 2020, 100, 109411.	2.1	14
7	Neck musculoskeletal model generation through anthropometric scaling. <i>PLoS ONE</i> , 2020, 15, e0219954.	2.5	8
8	Neck musculoskeletal model generation through anthropometric scaling. , 2020, 15, e0219954.		0
9	Neck musculoskeletal model generation through anthropometric scaling. , 2020, 15, e0219954.		0
10	Neck musculoskeletal model generation through anthropometric scaling. , 2020, 15, e0219954.		0
11	Neck musculoskeletal model generation through anthropometric scaling. , 2020, 15, e0219954.		0
12	Neck posture is influenced by anticipation of stepping. <i>Human Movement Science</i> , 2019, 64, 108-122.	1.4	6
13	Sit-Stand Workstations: Relations Among Postural Sway, Task, Proprioception and Discomfort. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2019, 63, 972-976.	0.3	2
14	Laboratory and field evaluation of a small form factor head impact sensor in un-helmeted play. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2018, 232, 242-254.	0.7	10
15	The inclusion of hyoid muscles improve moment generating capacity and dynamic simulations in musculoskeletal models of the head and neck. <i>PLoS ONE</i> , 2018, 13, e0199912.	2.5	49
16	Effect of Subject-Specific Vertebral Position and Head and Neck Size on Calculation of Spine Musculoskeletal Moments. <i>Annals of Biomedical Engineering</i> , 2018, 46, 1844-1856.	2.5	5
17	Neck Muscle Moment Arms Obtained In-Vivo from MRI: Effect of Curved and Straight Modeled Paths. <i>Annals of Biomedical Engineering</i> , 2017, 45, 2009-2024.	2.5	18
18	Gravitational demand on the neck musculature during tablet computer use. <i>Ergonomics</i> , 2015, 58, 990-1004.	2.1	86

#	ARTICLE	IF	CITATIONS
19	Inter-individual variation in vertebral kinematics affects predictions of neck musculoskeletal models. <i>Journal of Biomechanics</i> , 2014, 47, 3288-3294.	2.1	10
20	Assessing the Perception of Human-Like Mechanical Impedance for Robotic Systems. <i>IEEE Transactions on Human-Machine Systems</i> , 2013, 43, 479-486.	3.5	66
21	Sex-specific prediction of neck muscle volumes. <i>Journal of Biomechanics</i> , 2013, 46, 899-904.	2.1	30
22	Collegiate and High School Athlete Neck Strength in Neutral and Rotated Postures. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 3173-3182.	2.1	33
23	Moving muscle points provide accurate curved muscle paths in a model of the cervical spine. <i>Journal of Biomechanics</i> , 2012, 45, 400-404.	2.1	18
24	Sagittal plane kinematics of the adult hyoid bone. <i>Journal of Biomechanics</i> , 2012, 45, 531-536.	2.1	28
25	Neck muscle paths and moment arms are significantly affected by wrapping surface parameters. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2012, 15, 735-744.	1.6	13
26	Head and neck anthropometry, vertebral geometry and neck strength in height-matched men and women. <i>Journal of Biomechanics</i> , 2008, 41, 114-121.	2.1	161
27	Defining and evaluating wrapping surfaces for MRI-derived spinal muscle paths. <i>Journal of Biomechanics</i> , 2008, 41, 1450-1457.	2.1	34
28	Musculotendon and Fascicle Strains in Anterior and Posterior Neck Muscles During Whiplash Injury. <i>Spine</i> , 2007, 32, 756-765.	2.0	46
29	Three-dimensional spatial tuning of neck muscle activation in humans. <i>Experimental Brain Research</i> , 2002, 147, 437-448.	1.5	60
30	Three-Dimensional Isometric Strength of Neck Muscles in Humans. <i>Spine</i> , 2001, 26, 1904-1909.	2.0	110
31	Influence of Muscle Morphometry and Moment Arms on the Moment-Generating Capacity of Human Neck Muscles. <i>Spine</i> , 1998, 23, 412-422.	2.0	382