

Ann C Zumwalt

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,311
citations

471509

17
h-index

552781

26
g-index

55
all docs

55
docs citations

55
times ranked

1534
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating the Structural Properties of Suprahyoid Muscles and their Potential for Moving the Hyoid. <i>Dysphagia</i> , 2011, 26, 345-351.	1.8	136
2	The effect of endurance exercise on the morphology of muscle attachment sites. <i>Journal of Experimental Biology</i> , 2006, 209, 444-454.	1.7	128
3	Craniofacial phenotypes in segmentally trisomic mouse models for Down syndrome. <i>American Journal of Medical Genetics Part A</i> , 2002, 107, 317-324.	2.4	121
4	Effect of visual spatial ability on medical students' performance in a gross anatomy course. <i>Anatomical Sciences Education</i> , 2012, 5, 3-9.	3.7	115
5	Incorporating radiology into medical gross anatomy: Does the use of cadaver CT scans improve students' academic performance in anatomy?. <i>Anatomical Sciences Education</i> , 2010, 3, 56-63.	3.7	110
6	Evaluating Swallowing Muscles Essential for Hyolaryngeal Elevation by Using Muscle Functional Magnetic Resonance Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 735-740.	0.8	96
7	Structural Analysis of Muscles Elevating the Hyolaryngeal Complex. <i>Dysphagia</i> , 2012, 27, 445-451.	1.8	89
8	Association between measures of trochlear morphology and structural features of patellofemoral joint osteoarthritis on MRI: The MOST study. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1-8.	2.3	72
9	Building the body: Active learning laboratories that emphasize practical aspects of anatomy and integration with radiology. <i>Anatomical Sciences Education</i> , 2010, 3, 134-140.	3.7	61
10	Quadriceps weakness, patella alta, and structural features of patellofemoral osteoarthritis. <i>Arthritis Care and Research</i> , 2011, 63, 1391-1397.	3.4	60
11	Association Between Measures of Patella Height, Morphologic Features of the Trochlea, and Patellofemoral Joint Alignment: The MOST Study. <i>Clinical Orthopaedics and Related Research</i> , 2013, 471, 2641-2648.	1.5	58
12	Force plate for measuring the ground reaction forces in small animal locomotion. <i>Journal of Biomechanics</i> , 2006, 39, 2877-2881.	2.1	56
13	A new method for quantifying the complexity of muscle attachment sites. <i>The Anatomical Record Part B: the New Anatomist</i> , 2005, 286B, 21-28.	1.3	46
14	Integrating Gross Anatomy into a Clinical Oncology Curriculum: The Oncoanatomy Course at Duke University School of Medicine. <i>Academic Medicine</i> , 2007, 82, 469-474.	1.6	33
15	Making Education Effective and Fun. <i>Academic Radiology</i> , 2013, 20, 1311-1318.	2.5	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	Visualising hyolaryngeal mechanics in swallowing using dynamic MRI. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2014, 2, 208-216.	1.9	19
18	Gaze patterns of gross anatomy students change with classroom learning. <i>Anatomical Sciences Education</i> , 2015, 8, 230-241.	3.7	19

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19	Integrating the basic sciences in medical curricula: focus on the basic scientists. American Journal of Physiology - Advances in Physiology Education, 2020, 44, 119-123.	1.6	17
20	Late Positive Component Event-related Potential Amplitude Predicts Long-term Classroom-based Learning. Journal of Cognitive Neuroscience, 2018, 30, 1323-1329.	2.3	10
21	Anticipatory Feelings About Dissection: An Exercise for the First Day of a Gross Anatomy Course. Anatomical Sciences Education, 2021, 14, 828-835.	3.7	8
22	A Novel Curriculum Assessment Tool, Based on AAMC Competencies, to Improve Medical Education About Sexual and Gender Minority Populations. Academic Medicine, 2022, 97, 524-528.	1.6	7
23	Integrating the Educators: Outcomes of a Pilot Program to Prime Basic Science Medical Educators for Success in Integrated Curricula. Medical Science Educator, 2019, 29, 637-642.	1.5	2
24	Unusual bilateral variation of the flexor digitorum accessorius longus muscle and its relation on tarsal tunnel syndrome. Surgical and Radiologic Anatomy, 2021, 43, 2083-2086.	1.2	2
25	Interprofessional Collaboration Enables Integration of Basic Science Content into Clinical Education. Medical Science Educator, 2013, 23, 426-429.	1.5	1
26	Using Brains to Inspire Minds: A Unique Outreach Collaboration with the Boston Museum of Science. FASEB Journal, 2018, 32, 631.5.	0.5	1
27	Effectiveness of Pedagogical Tools for Teaching Medical Gross Anatomy During the COVID-19 Pandemic. Medical Science Educator, 2022, 32, 411-422.	1.5	1
28	Multimodal Microvascular Mapping for Head and Neck, Skull Base Research and Education: An Anatomical Donor Study. Journal of Neurological Surgery, Part B: Skull Base, 0, , .	0.8	0
29	Three specialized anatomy courses for advanced medical students: the impact of focused anatomy instruction. FASEB Journal, 2006, 20, A886.	0.5	0
30	What they need, when they need it. Easy to assemble custom anatomy modules for the clinical years. FASEB Journal, 2007, 21, A198.	0.5	0
31	Incorporating radiology into medical gross anatomy: A study of its efficacy in learning spatial relationships. FASEB Journal, 2009, 23, 182.1.	0.5	0
32	Promoting Student Scholarship: A Web-Based Peer-Reviewed Educational Resource. FASEB Journal, 2010, 24, 826.6.	0.5	0
33	Disambiguating Muscular Forces Effecting Hyoid Movement in Pharyngeal Phase of Deglutition. FASEB Journal, 2010, 24, 178.7.	0.5	0
34	The Future of Medical Education Research: A Different Way to Analyze Data to Produce More Valid Results/Conclusions. FASEB Journal, 2010, 24, 176.7.	0.5	0
35	Muscles Underlying the Elevation of the Hyolaryngeal Complex. FASEB Journal, 2011, 25, 867.6.	0.5	0
36	The use of gaze tracking to quantify learning. FASEB Journal, 2012, 26, 204.4.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Integrating Geriatrics with Anatomy: An Educational Collaboration between Basic Science and Primary Care. FASEB Journal, 2013, 27, 956.19.	0.5	0
38	Inexpensive Models for Teaching Imaging Anatomy: Coronary Anatomy Lab. MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	0
39	An anatomical approach to teaching the clinical evaluation of musculoskeletal injuries to primary care providers (536.5). FASEB Journal, 2014, 28, 536.5.	0.5	0
40	Trends in gaze tracking patterns with increasing exposure to anatomy (535.8). FASEB Journal, 2014, 28, 535.8.	0.5	0
41	Use of Gaze Tracking and EEG to Measure Short- and Long-term Learning by Medical Gross Anatomy Students. FASEB Journal, 2015, 29, 689.12.	0.5	0
42	In pursuit of an objective assessment of learning using gaze tracking and EEG. FASEB Journal, 2015, 29, 80.3.	0.5	0
43	Embedding Brains to Educate Minds Inside and Outside the Classroom. FASEB Journal, 2019, 33, 441.6.	0.5	0
44	Bridging The Foundational-Clinical Science Divide By Priming PhD Trainees To Teach In Integrated Curricula: Pilot Program Outcomes. FASEB Journal, 2019, 33, 607.5.	0.5	0
45	Essential Anatomy for Radiology in the Undergraduate Medical Curriculum. FASEB Journal, 2020, 34, 1-1.	0.5	0
46	3D Virtual Models to Visualize Pelvic Floor & Perineum in Medical Gross Anatomy. FASEB Journal, 2020, 34, 1-1.	0.5	0
47	Essential Anatomy for General Surgery in the Undergraduate Medical Curriculum. FASEB Journal, 2020, 34, 1-1.	0.5	0
48	Integrating 3D Animated Videos in Case-Based Study of Cranial Nerve Pathology. FASEB Journal, 2020, 34, 1-1.	0.5	0
49	Essential Anatomy for Family Medicine in the Undergraduate Medical Curriculum. FASEB Journal, 2020, 34, 1-1.	0.5	0
50	Getting to the (Turning) Point: A Systematic Interactive Approach for Teaching Identification of Cross-Sectional Cadaveric Structures. FASEB Journal, 2020, 34, 1-1.	0.5	0
51	Medical School Culture Influences How Students Think About Gross Anatomy Lab. FASEB Journal, 2022, 36, .	0.5	0
52	Feelings of Gratitude in Dissection- and Prosection-Based Cadaveric Anatomy Courses. FASEB Journal, 2022, 36, .	0.5	0
53	The Emotional Experiences of Students in Dissection- and Prosection-Based Cadaveric Anatomy Courses. FASEB Journal, 2022, 36, .	0.5	0
54	The effective use of the Anatomage table as a teaching tool for learning the Infratemporal Fossa. FASEB Journal, 2022, 36, .	0.5	0