

# 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	A Novel Curriculum Assessment Tool, Based on AAMC Competencies, to Improve Medical Education About Sexual and Gender Minority Populations. <i>Academic Medicine</i> , 2022, 97, 524-528.	1.6	7
2	Effectiveness of Pedagogical Tools for Teaching Medical Gross Anatomy During the COVID-19 Pandemic. <i>Medical Science Educator</i> , 2022, 32, 411-422.	1.5	1
3	Medical School Culture Influences How Students Think About Gross Anatomy Lab. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
4	Feelings of Gratitude in Dissection and Prosection-Based Cadaveric Anatomy Courses. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
5	The Emotional Experiences of Students in Dissection and Prosection-Based Cadaveric Anatomy Courses. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
6	The effective use of the Anatomage table as a teaching tool for learning the Infratemporal Fossa. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
7	Anticipatory Feelings About Dissection: An Exercise for the First Day of a Gross Anatomy Course. <i>Anatomical Sciences Education</i> , 2021, 14, 828-835.	3.7	8
8	Unusual bilateral variation of the flexor digitorum accessorius longus muscle and its relation on tarsal tunnel syndrome. <i>Surgical and Radiologic Anatomy</i> , 2021, 43, 2083-2086.	1.2	2
9	Integrating the basic sciences in medical curricula: focus on the basic scientists. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 119-123.	1.6	17
10	Essential Anatomy for Radiology in the Undergraduate Medical Curriculum. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
11	3D Virtual Models to Visualize Pelvic Floor & Perineum in Medical Gross Anatomy. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
12	Essential Anatomy for General Surgery in the Undergraduate Medical Curriculum. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
13	Integrating 3D Animated Videos in Case-Based Study of Cranial Nerve Pathology. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
14	Essential Anatomy for Family Medicine in the Undergraduate Medical Curriculum. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
15	Getting to the (Turning) Point: A Systematic Interactive Approach for Teaching Identification of Cross-Sectional Cadaveric Structures. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
16	Integrating the Educators: Outcomes of a Pilot Program to Prime Basic Science Medical Educators for Success in Integrated Curricula. <i>Medical Science Educator</i> , 2019, 29, 637-642.	1.5	2
17	Embedding Brains to Educate Minds Inside and Outside the Classroom. <i>FASEB Journal</i> , 2019, 33, 441.6.	0.5	0
18	Bridging The Foundational Clinical Science Divide By Priming PhD Trainees To Teach In Integrated Curricula: Pilot Program Outcomes. <i>FASEB Journal</i> , 2019, 33, 607.5.	0.5	0

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19	Late Positive Component Event-related Potential Amplitude Predicts Long-term Classroom-based Learning. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 1323-1329.	2.3	10
20	Using Brains to Inspire Minds: A Unique Outreach Collaboration with the Boston Museum of Science. <i>FASEB Journal</i> , 2018, 32, 631.5.	0.5	1
21	Gaze patterns of gross anatomy students change with classroom learning. <i>Anatomical Sciences Education</i> , 2015, 8, 230-241.	3.7	19
22	Use of Gaze Tracking and EEG to Measure Short- and Long-term Learning by Medical Gross Anatomy Students. <i>FASEB Journal</i> , 2015, 29, 689.12.	0.5	0
23	In pursuit of an objective assessment of learning using gaze tracking and EEG. <i>FASEB Journal</i> , 2015, 29, 80.3.	0.5	0
24	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
25	An anatomical approach to teaching the clinical evaluation of musculoskeletal injuries to primary care providers (536.5). <i>FASEB Journal</i> , 2014, 28, 536.5.	0.5	0
26	Trends in gaze tracking patterns with increasing exposure to anatomy (535.8). <i>FASEB Journal</i> , 2014, 28, 535.8.	0.5	0
27	Interprofessional Collaboration Enables Integration of Basic Science Content into Clinical Education. <i>Medical Science Educator</i> , 2013, 23, 426-429.	1.5	1
28	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
29	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
30	Making Education Effective and Fun. <i>Academic Radiology</i> , 2013, 20, 1311-1318.	2.5	22
31	Integrating Geriatrics with Anatomy: An Educational Collaboration between Basic Science and Primary Care. <i>FASEB Journal</i> , 2013, 27, 956.19.	0.5	0
32	Structural Analysis of Muscles Elevating the Hyolaryngeal Complex. <i>Dysphagia</i> , 2012, 27, 445-451.	1.8	89
33	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
34	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
35	The use of gaze tracking to quantify learning. <i>FASEB Journal</i> , 2012, 26, 204.4.	0.5	0
36	Evaluating the Structural Properties of Suprahyoid Muscles and their Potential for Moving the Hyoid. <i>Dysphagia</i> , 2011, 26, 345-351.	1.8	136

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37	Quadriceps weakness, patella alta, and structural features of patellofemoral osteoarthritis. <i>Arthritis Care and Research</i> , 2011, 63, 1391-1397.	3.4	60
38	Muscles Underlying the Elevation of the Hyolaryngeal Complex. <i>FASEB Journal</i> , 2011, 25, 867.6.	0.5	0
39	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
40	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
41	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
42	Promoting Student Scholarship: A Web-Based Peer-Reviewed Educational Resource. <i>FASEB Journal</i> , 2010, 24, 826.6.	0.5	0
43	Disambiguating Muscular Forces Effecting Hyoid Movement in Pharyngeal Phase of Deglutition. <i>FASEB Journal</i> , 2010, 24, 178.7.	0.5	0
44	The Future of Medical Education Research: A Different Way to Analyze Data to Produce More Valid Results/Conclusions. <i>FASEB Journal</i> , 2010, 24, 176.7.	0.5	0
45	Incorporating radiology into medical gross anatomy: A study of its efficacy in learning spatial relationships. <i>FASEB Journal</i> , 2009, 23, 182.1.	0.5	0
46	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
47	What they need, when they need it. Easy-to-assemble custom anatomy modules for the clinical years. <i>FASEB Journal</i> , 2007, 21, A198.	0.5	0
48	Force plate for measuring the ground reaction forces in small animal locomotion. <i>Journal of Biomechanics</i> , 2006, 39, 2877-2881.	2.1	56
49	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
50	Three specialized anatomy courses for advanced medical students: the impact of focused anatomy instruction. <i>FASEB Journal</i> , 2006, 20, A886.	0.5	0
51	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
52	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
53	Multimodal Microvascular Mapping for Head and Neck, Skull Base Research and Education: An Anatomical Donor Study. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 0, , .	0.8	0
54	Inexpensive Models for Teaching Imaging Anatomy: Coronary Anatomy Lab. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , 0, , .	1.2	0