

Jonathan J Wisco

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

900
citations

11
h-index

30
g-index

71
ext. papers

1,048
ext. citations

2.4
avg, IF

3.6
L-index

#	Paper	IF	Citations
52	Choice reaction time performance correlates with diffusion anisotropy in white matter pathways supporting visuospatial attention. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 12212-7	11.5	264
51	Spatial clustering of hemorrhages in probable cerebral amyloid angiopathy. <i>Annals of Neurology</i> , 2005 , 58, 459-62	9.4	193
50	Using the wild bootstrap to quantify uncertainty in diffusion tensor imaging. <i>Human Brain Mapping</i> , 2008 , 29, 346-62	5.9	85
49	Abnormal cortical folding patterns within Broca's area in schizophrenia: evidence from structural MRI. <i>Schizophrenia Research</i> , 2007 , 94, 317-27	3.6	64
48	Extracardiac neural remodeling in humans with cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012 , 5, 1010-116	6.4	58
47	An MRI study of age-related white and gray matter volume changes in the rhesus monkey. <i>Neurobiology of Aging</i> , 2008 , 29, 1563-75	5.6	55
46	Comparison of manual and automatic section positioning of brain MR images. <i>Radiology</i> , 2006 , 239, 246-54.5	4.5	44
45	Cervical variations of the phrenic nerve. <i>Laryngoscope</i> , 2011 , 121, 1920-3	3.6	17
44	The human temporalis muscle: superficial, deep, and zygomatic parts comprise one structural unit. <i>Clinical Anatomy</i> , 2009 , 22, 655-64	2.5	16
43	A heat map of superior cervical ganglion location relative to the common carotid artery bifurcation. <i>Anesthesia and Analgesia</i> , 2012 , 114, 462-5	3.9	13
42	Evidence for the functional compartmentalization of the temporalis muscle: a 3-dimensional study of innervation. <i>Journal of Oral and Maxillofacial Surgery</i> , 2013 , 71, 1170-7	1.8	12
41	The components of the adolescent brain and its unique sensitivity to sexually explicit material. <i>Journal of Adolescence</i> , 2019 , 72, 10-13	3.4	9
40	Re-epithelialization of whole porcine kidneys with renal epithelial cells. <i>Journal of Tissue Engineering</i> , 2017 , 8, 2041731417718809	7.5	8
39	What Nutrition-Related Knowledge, Skills, and Attitudes Should Medical Students Develop?. <i>Medical Science Educator</i> , 2017 , 27, 579-583	0.7	7
38	Psychometric testing of the healthy eating and physical activity self-efficacy questionnaire and the healthy eating and physical activity behavior recall questionnaire for children. <i>Journal for Specialists in Pediatric Nursing</i> , 2018 , 23, e12207	1.3	7
37	Magnetic resonance imaging quantification of dehydration and rehydration in vocal fold tissue layers. <i>PLoS ONE</i> , 2018 , 13, e0208763	3.7	7
36	A rhesus monkey reference label atlas for template driven segmentation. <i>Journal of Medical Primatology</i> , 2008 , 37, 250-60	0.7	6

35	Effects of voice-sparing cricotracheal resection on phonation in women. <i>Laryngoscope</i> , 2017 , 127, 2085-2092	3.0	5
34	Weave pattern of accessory heads to the anterior digastric muscle. <i>Surgical and Radiologic Anatomy</i> , 2015 , 37, 1001-4	1.4	5
33	Methodology for computing white matter nerve fiber orientation in human histological slices. <i>Journal of Neuroscience Methods</i> , 2016 , 261, 75-84	3	5
32	Probabilistic mapping of the cervical sympathetic trunk ganglia. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014 , 181, 79-84	2.4	5
31	The brains of aged mice are characterized by altered tissue diffusion properties and cerebral microbleeds. <i>Journal of Translational Medicine</i> , 2020 , 18, 277	8.5	4
30	Variant of the extensor pollicis tertius: a case report on a unique extensor muscle to the thumb. <i>Anatomical Science International</i> , 2011 , 86, 160-3	2	3
29	How healthcare must respond to ventilator-associated pneumonia (VAP) in invasively mechanically ventilated COVID-19 patients. <i>American Journal of Emergency Medicine</i> , 2021 , 48, 361-362	2.9	3
28	Creation of a Video-Based Learning Module of Extraocular Muscles Structure and Function. <i>Medical Science Educator</i> , 2011 , 21, 264-265	0.7	1
27	An oblique rotator belly of the abductor digiti minimi manus. <i>Clinical Anatomy</i> , 2010 , 23, 894-6	2.5	1
26	Who is the Teacher and Who is the Student? The Dual Service- and Engaged-Learning Pedagogical Model of Anatomy Academy. <i>Journal of Medical Education and Curricular Development</i> , 2019 , 6, 2382120519883271	2.2	0
25	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	1.4	0
24	Exposure to ACGME Core Competencies through Mentored Basic Science Research: A Pilot Analysis. <i>Journal of Medical Education and Curricular Development</i> , 2014 , 1, JMECD.S17498	2.2	
23	Creation of an Interactive Learning Module of 3D Virtual Osteological Structures. <i>Medical Science Educator</i> , 2012 , 22, 208-209	0.7	
22	Analyzing the Knowing-Doing Gap of Pedagogy Implementation by Near-Peer Pre-Professional Anatomy Lab Teachers. <i>FASEB Journal</i> , 2018 , 32, 633.4	0.9	
21	MicroScribe 3D Analysis of the Rotator Cuff Muscles Compared to MRI Reconstruction. <i>FASEB Journal</i> , 2015 , 29, 545.6	0.9	
20	3D Rendering of Porcine Recurrent Laryngeal Neuroanatomy. <i>FASEB Journal</i> , 2015 , 29, 543.5	0.9	
19	Use of High-Resolution Magnetic Resonance Imaging to Reconstruct Recurrent Laryngeal Nerve Structure in 3D. <i>FASEB Journal</i> , 2015 , 29, 869.5	0.9	
18	Anatomical validation of diffusion tensor imaging (DTI). <i>FASEB Journal</i> , 2013 , 27, 532.3	0.9	

17	Using imaging biomarkers in the histological validation of Alzheimer's disease. <i>FASEB Journal</i> , 2013 , 27, 533.3	0.9
16	Visual correlation between iron, amyloid-beta, and tau depositions in the medial temporal lobe of Alzheimer's disease post-mortem brains. <i>FASEB Journal</i> , 2013 , 27, 533.11	0.9
15	Empirical development of a histological protocol for whole brain sectioning to characterize neuropathological patterns in human specimens. <i>FASEB Journal</i> , 2013 , 27, 967.2	0.9
14	Medical Student Feedback on Participating in a Combined Anatomy Curriculum, 2010-2012. <i>FASEB Journal</i> , 2013 , 27, 957.6	0.9
13	Our success in translating Anatomy Academy, an intervention program for 5th and 6th grade students, from Los Angeles, CA to Salt Lake City, UT.. <i>FASEB Journal</i> , 2013 , 27, 961.1	0.9
12	Histological validation of Alzheimer's disease and cerebrovascular disease imaging biomarkers. <i>FASEB Journal</i> , 2013 , 27, 533.14	0.9
11	Using cadaveric material to impact translational research: From anatomy lab to the operating room.. <i>FASEB Journal</i> , 2013 , 27, 444.1	0.9
10	Getting a piece of the clinical research pie—Why translational research should matter to you. <i>FASEB Journal</i> , 2013 , 27, 444.2	0.9
9	Anatomy Academy exposes undergraduate and medical students to all ACGME core competencies through an experiential learning environment. <i>FASEB Journal</i> , 2013 , 27, 19.2	0.9
8	Medical students applying newly learned anatomy knowledge as part of a mentoring and experiential learning environment with undergraduate and elementary students. <i>FASEB Journal</i> , 2013 , 27, 961.8	0.9
7	Extreme makeover Anatomy Edition: How a paradigm shift in pedagogy reshaped an anatomy program. <i>FASEB Journal</i> , 2013 , 27, 314.3	0.9
6	Augmenting the learning of anatomy beyond the traditional laboratory experience through service teaching of elementary school students: A Medical Student Perspective. <i>FASEB Journal</i> , 2013 , 27, 961.2	0.9
5	Translational anatomy research at medical and undergraduate universities. <i>FASEB Journal</i> , 2013 , 27, 742.1	0.9
4	Effects of classroom structure on retention and implementation of knowledge in students. <i>FASEB Journal</i> , 2013 , 27, 957.21	0.9
3	Histological validation of iron as an imaging biomarker for amyloid beta and tau depositions in Alzheimer's Disease. <i>FASEB Journal</i> , 2013 , 27, 533.2	0.9
2	Effectiveness of Pedagogical Tools for Teaching Medical Gross Anatomy During the COVID-19 Pandemic.. <i>Medical Science Educator</i> , 2022 , 1-12	0.7
1	Letter to the Editor on: Integrating a Cadaver Review Session into the Existing Regional Anesthesia Training for Anesthesiology Residents: an Initial Experience— <i>Medical Science Educator</i> , 1	0.7