

Samuel Mrquez

List of Publications by Year in Descending Order

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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.

82

papers

373

citations

9

h-index

19

g-index

91

ext. papers

456

ext. citations

1.1

avg, IF

3.27

L-index

#	Paper	IF	Citations
82	Quantitative Prediction of the Location of Carotid Bifurcation and Neurovascular Structures in the Carotid Region: A Cross-Sectional Cadaveric Study. <i>Computational and Mathematical Methods in Medicine</i> , 2021 , 2021, 9214104	2.8	
81	Identification of critical windows in early development of human upper respiratory tract and middle ear disease. <i>Anatomical Record</i> , 2021 , 304, 1953-1973	2.1	0
80	Cadaveric Classification of the Genicular Arteries with Implications for the Interventional Radiologist.. <i>Journal of Vascular and Interventional Radiology</i> , 2021 ,	2.4	1
79	Reconstructing the Neanderthal Eustachian Tube: New Insights on Disease Susceptibility, Fitness Cost, and Extinction. <i>Anatomical Record</i> , 2019 , 302, 2109-2125	2.1	2
78	A Digital Anatomico-Surgical Module for Preparing the 21st Century Dermatologist. <i>FASEB Journal</i> , 2019 , 33, 440.9	0.9	
77	Exploring the Role of Videos in Medical Education Curriculum: A Two Year Study in Cardiothoracic Anatomy. <i>FASEB Journal</i> , 2019 , 33, 445.2	0.9	
76	Student Perception vs Reality in Medical School Anatomy Education: From Alabama to New York. <i>FASEB Journal</i> , 2019 , 33, 442.14	0.9	
75	The World of the Vascular Surgeon: Knowledge of Anatomical Landmarks for Successful Surgical Outcomes. <i>FASEB Journal</i> , 2019 , 33, 767.15	0.9	
74	The Nasal Complex of a Semiaquatic Artiodactyl, the Moose (<i>Alces alces</i>): Is it a Good Evolutionary Model for the Ancestors of Cetaceans?. <i>Anatomical Record</i> , 2019 , 302, 667-692	2.1	6
73	Cranial Indicators Identified for Peak Incidence of Otitis Media. <i>Anatomical Record</i> , 2017 , 300, 1721-1740	2.1	4
72	Toward Understanding the Mammalian Zygoma: Insights From Comparative Anatomy, Growth and Development, and Morphometric Analysis. <i>Anatomical Record</i> , 2017 , 300, 76-151	2.1	7
71	Embryology of the nose: The evo-devo concept. <i>World Journal of Otorhinolaryngology</i> , 2016 , 6, 33	0.3	14
70	CT Examination of Nose and Paranasal Sinuses of Egyptian Mummies and Three Distinct Human Population Groups: Anthropological and Clinical Implications. <i>Anatomical Record</i> , 2015 , 298, 1072-84	2.1	6
69	A new hypothesis: Were Neanderthals susceptible to high rates of otitis media?. <i>FASEB Journal</i> , 2015 , 29, 701.2	0.9	
68	Population Diversity in Infraorbital Foramen Location: One Size Fits All?. <i>FASEB Journal</i> , 2015 , 29, 864.13	0.9	
67	Tracking Anatomical Variation of the Bifurcation of the Radial Nerve: Clinical Implication for Physicians. <i>FASEB Journal</i> , 2015 , 29, 864.6	0.9	
66	The Post-surgical Stability of the Nitinol Shape Memory Staple in Orthopaedics. <i>FASEB Journal</i> , 2015 , 29, 702.6	0.9	

65	The Constructive Approach to Teaching Anatomy through Clay Modeling: A Multi-Tier Educational Value. <i>FASEB Journal</i> , 2015 , 29, 549.3	0.9	
64	Anatomy Outreach: Long-term Investment in the Future of Medicine. <i>FASEB Journal</i> , 2015 , 29, 693.4	0.9	
63	The nasal complex of Neanderthals: an entry portal to their place in human ancestry. <i>Anatomical Record</i> , 2014 , 297, 2121-37	2.1	20
62	Anatomy of the Nose and Paranasal Sinuses 2014 , 3-44		4
61	Anatomical risk factors for internal carotid artery dissection: a novel metric (LB50). <i>FASEB Journal</i> , 2014 , 28, LB50	0.9	
60	The Role of Nitric Oxide in Cardiopulmonary Endurance. <i>FASEB Journal</i> , 2013 , 27, 528.8	0.9	
59	Persistently increased hippocampal PKM ζ expression correlates with spatial long term memory maintenance. <i>FASEB Journal</i> , 2013 , 27, 534.6	0.9	
58	Anatomy Education Day: A Global Outreach. <i>FASEB Journal</i> , 2013 , 27, 19.5	0.9	
57	Translating Carpal Biomechanics to Triangular Fibrocartilage Complex Injury: Significance of Ulnar Variance in Predicting TFCC Lesions. <i>FASEB Journal</i> , 2013 , 27, 521.4	0.9	
56	Exploring the Anatomical Spatial Relationships affecting the Anterior and Posterior Ethmoid Foramina (AEF & PEF) using 3-D Geometric Morphometric Technique. <i>FASEB Journal</i> , 2012 , 26, 722.1	0.9	
55	A donor model assessing the effect of errant drill passes during placement of femoral nail interlock screws. <i>FASEB Journal</i> , 2012 , 26, 729.6	0.9	
54	Tracking branching variation of the axillary artery. <i>FASEB Journal</i> , 2012 , 26, 722.12	0.9	
53	Dyad Pedagogy: From the anatomy classroom to the workplace. <i>FASEB Journal</i> , 2012 , 26, 13.1	0.9	
52	Vascular Variation in the Triangular Interval of the Axilla. <i>FASEB Journal</i> , 2012 , 26, 722.10	0.9	
51	Early Anatomical Identification Markers for Duchenne Muscular Dystrophy in a Subadult Subject. <i>FASEB Journal</i> , 2012 , 26, 723.10	0.9	
50	Sex Differences and Variation in Lower Limb Element Lengths: Implications for Physical Therapeutic Treatment of Anisomelia. <i>FASEB Journal</i> , 2012 , 26, 908.5	0.9	
49	The Downstate Video Atlas of Anatomy, a Project Powered by Dyad Pedagogy. <i>FASEB Journal</i> , 2012 , 26, 529.15	0.9	0
48	Duplex Ultrasound Measuring Hemodynamic Variations of the Superior Mesenteric Artery in Pre- and Postprandial Subjects: Understanding Mesenteric Ischemia. <i>FASEB Journal</i> , 2012 , 26, 722.6	0.9	

47	Midline Angular Relationships between the Hard Palate and Cribriform Plate: Implications for Surgical Access to the Pituitary Fossa. <i>FASEB Journal</i> , 2012 , 26, 722.2	0.9	
46	Sex and Racial Population Differences in the Arthro-kinematics of the Carrying Angle: Potential Clinical Implications. <i>FASEB Journal</i> , 2012 , 26, 722.8	0.9	
45	Neurovue as a tracer for human nervous tissue. <i>FASEB Journal</i> , 2012 , 26, 725.5	0.9	
44	Combining Ultrasound and Gross Anatomic Dissection in Teaching 3-D anatomy: Effectiveness in a first year medical course curriculum. <i>FASEB Journal</i> , 2012 , 26, 204.1	0.9	
43	A Comparative Biomechanical Study of Load Bearing Properties between the Humerus and the Femur. <i>FASEB Journal</i> , 2011 , 25, 867.13	0.9	1
42	Tracking the Inferior Limit of Human Spinal Cords in Donor Bodies and Live Subjects. <i>FASEB Journal</i> , 2011 , 25, 866.9	0.9	
41	Variation in the Branching Pattern and Gross Appearance of Coronary Artery Branches. <i>FASEB Journal</i> , 2011 , 25, 869.3	0.9	
40	Anatomical Variation in the Maximum Bending Moment of Metacarpals 2 through 5. <i>FASEB Journal</i> , 2011 , 25, 867.14	0.9	
39	Ultrasound-guided Suprascapular Nerve Blocks: An Anatomical Pilot Study. <i>FASEB Journal</i> , 2010 , 24, 455&9	0.9	
38	An Anatomical Comparative Study of Lower Limb Discrepancy and Scoliosis. <i>FASEB Journal</i> , 2010 , 24, 447.7	0.9	
37	Correlation between hard and soft tissue dimensions of the human foot. <i>FASEB Journal</i> , 2010 , 24, 447.5	0.9	
36	The Frequency and Predictability of the Palmaris Longus and Plantaris Muscles: A Five Year Study. <i>FASEB Journal</i> , 2010 , 24, 448.3	0.9	
35	The bilateral nature and origin of the lateral circumflex femoral artery. <i>FASEB Journal</i> , 2010 , 24, 447.8	0.9	
34	CT comparative study of the nasolacrimal angle as a surrogate measure of prognathism in primate and non-primate species. <i>FASEB Journal</i> , 2009 , 23, 649.2	0.9	
33	The meaning of emptiness: Sinuses and sacs from land to sea. <i>FASEB Journal</i> , 2009 , 23, 416.2	0.9	
32	Clavicular length asymmetries in primates indicative of handedness in daily activity. <i>FASEB Journal</i> , 2009 , 23, 822.2	0.9	1
31	The Challenge of Identifying Commingled Skeletal Remains via CT Imaging and Morphometric Analysis. <i>FASEB Journal</i> , 2009 , 23, 824.2	0.9	
30	The Bilateral Nature and Origin of the Medial Circumflex Femoral Artery. <i>FASEB Journal</i> , 2009 , 23, 820.5	0.9	

29	Understanding Anatomy Through the Art of Sculpting. <i>FASEB Journal</i> , 2009 , 23, 479.4	0.9	
28	Dyad Pedagogy: A New Education Paradigm for Allied Health Programs. <i>FASEB Journal</i> , 2009 , 23, 475.6	0.9	
27	DYAD PEDAGOGY: AN IDEAL GAME LEARNING METHOD FOR USE IN STATE- OF- THE-ART GROSS ANATOMY LABORATORY. <i>FASEB Journal</i> , 2009 , 23, 182.2	0.9	0
26	Scapular Anastomoses: the Nature of Vascular Blood Flow Around the Scapula. <i>FASEB Journal</i> , 2009 , 23, 820.2	0.9	
25	Osteological analysis of nonhuman remains: understanding the growth and developmental patterns of post-crania. <i>FASEB Journal</i> , 2009 , 23, 824.3	0.9	
24	Development of the ethmoid sinus and extramural migration: the anatomical basis of this paranasal sinus. <i>Anatomical Record</i> , 2008 , 291, 1535-53	2.1	47
23	Climatic effects on the nasal complex: a CT imaging, comparative anatomical, and morphometric investigation of <i>Macaca mulatta</i> and <i>Macaca fascicularis</i> . <i>Anatomical Record</i> , 2008 , 291, 1420-45	2.1	35
22	The paranasal sinuses: the last frontier in craniofacial biology. <i>Anatomical Record</i> , 2008 , 291, 1350-61	2.1	45
21	An Anatomical Comparative Study of Lower Limb Discrepancy between Inuit and Urban Population Groups. <i>FASEB Journal</i> , 2008 , 22, 770.9	0.9	
20	Dyad Pedagogy: Broadening the Learning Agenda in Anatomy with an Eye toward Practice. <i>FASEB Journal</i> , 2008 , 22, 768.13	0.9	
19	The effect of intentional cranial deformation on frontal sinus development and morphology. <i>FASEB Journal</i> , 2008 , 22, 771.6	0.9	
18	The Subscapular Artery in the Axillary Region: Tracking its Anatomical Distribution for Clinical Application. <i>FASEB Journal</i> , 2008 , 22, 586.5	0.9	0
17	Palatal Pneumatization via the Maxillary Sinus: A Comparative Anatomical Study of Arboreal Primates and Terrestrial Mammals Employing CT imaging and Gross Dissection.. <i>FASEB Journal</i> , 2008 , 22, 771.9	0.9	
16	A morphometric analyzes of the polyethnic diversity seen in the skeletal nose: understanding the anatomical foundation of adaptive plasticity. <i>FASEB Journal</i> , 2007 , 21, A966	0.9	
15	Polyethnic/Racial Differences in Sagittal Femoral Bowing: Clinical Implications. <i>FASEB Journal</i> , 2007 , 21, A970	0.9	
14	The relative contribution of intervertebral disc to the curvatures of the vertebral column. <i>FASEB Journal</i> , 2007 , 21, A969	0.9	1
13	A comparative anatomical study of lumbar skeletal elements: evolutionary implications for bipedal locomotion. <i>FASEB Journal</i> , 2006 , 20, A444	0.9	
12	Examination of the Anatomy of Lower Limb Length Discrepancy (LLLD) between Inuit and Urban Populations: Orthopaedic Considerations. <i>FASEB Journal</i> , 2006 , 20, A23	0.9	

11	Comparative anatomical examination of paranasal sinuses of Egyptian mummies and three distinct human population groups via CT imaging. <i>FASEB Journal</i> , 2006 , 20, A444	0.9	
10	The anatomy of the radius of curvature of the metacarpal and proximal phalangeal bones: its evolutionary connection to our nonhuman primate ancestry. <i>FASEB Journal</i> , 2006 , 20, A444	0.9	
9	DYAD PEDAGOGY: A NEW WAY OF LEARNING ANATOMY. <i>FASEB Journal</i> , 2006 , 20, A419	0.9	0
8	An anatomical, histological, and computed tomographic examination of the mammalian nasolacrimal apparatus with particular emphasis on primate morphology. <i>FASEB Journal</i> , 2006 , 20, A446 ^{0.9}	0.9	
7	Mandibular fossa of Homo erectus: A response to Durband. <i>The Anatomical Record</i> , 2002 , 266, 142-145		4
6	Sambungmacan 3 and cranial variation in Asian Homo erectus. <i>Journal of Human Evolution</i> , 2002 , 43, 555-562	3.1	12
5	New fossil hominid calvaria from Indonesia--Sambungmacan 3. <i>The Anatomical Record</i> , 2001 , 262, 344-68		36
4	Endocast of Sambungmacan 3 (Sm 3): a new Homo erectus from Indonesia. <i>The Anatomical Record</i> , 2001 , 262, 369-79		49
3	The Sambungmacan 3 Homo erectus calvaria: a comparative morphometric and morphological analysis. <i>The Anatomical Record</i> , 2001 , 262, 380-97		71
2	Use of the peritracheal fold in the dog tracheal transplantation model. <i>JAMA Otolaryngology</i> , 1999 , 125, 959-63		7
1	History of nasopharyngeal study: A 5,000-year odyssey into our evolving understanding of a small but vital region. <i>Anatomical Record</i> ,	2.1	0