

# Samuel Mrquez

## 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.

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	The Sambungmacan 3 Homo erectus calvaria: a comparative morphometric and morphological analysis. <i>The Anatomical Record</i> , <b>2001</b> , 262, 380-97		71
81	Endocast of Sambungmacan 3 (Sm 3): a new Homo erectus from Indonesia. <i>The Anatomical Record</i> , <b>2001</b> , 262, 369-79		49
80	Development of the ethmoid sinus and extramural migration: the anatomical basis of this paranasal sinus. <i>Anatomical Record</i> , <b>2008</b> , 291, 1535-53	2.1	47
79	The paranasal sinuses: the last frontier in craniofacial biology. <i>Anatomical Record</i> , <b>2008</b> , 291, 1350-61	2.1	45
78	New fossil hominid calvaria from Indonesia--Sambungmacan 3. <i>The Anatomical Record</i> , <b>2001</b> , 262, 344-68		36
77	Climatic effects on the nasal complex: a CT imaging, comparative anatomical, and morphometric investigation of Macaca mulatta and Macaca fascicularis. <i>Anatomical Record</i> , <b>2008</b> , 291, 1420-45	2.1	35
76	The nasal complex of Neanderthals: an entry portal to their place in human ancestry. <i>Anatomical Record</i> , <b>2014</b> , 297, 2121-37	2.1	20
75	Embryology of the nose: The evo-devo concept. <i>World Journal of Otorhinolaryngology</i> , <b>2016</b> , 6, 33	0.3	14
74	Sambungmacan 3 and cranial variation in Asian Homo erectus. <i>Journal of Human Evolution</i> , <b>2002</b> , 43, 555-562	3.1	12
73	Toward Understanding the Mammalian Zygoma: Insights From Comparative Anatomy, Growth and Development, and Morphometric Analysis. <i>Anatomical Record</i> , <b>2017</b> , 300, 76-151	2.1	7
72	Use of the peritracheal fold in the dog tracheal transplantation model. <i>JAMA Otolaryngology</i> , <b>1999</b> , 125, 959-63		7
71	CT Examination of Nose and Paranasal Sinuses of Egyptian Mummies and Three Distinct Human Population Groups: Anthropological and Clinical Implications. <i>Anatomical Record</i> , <b>2015</b> , 298, 1072-84	2.1	6
70	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> , <b>2019</b> , 302, 667-692	2.1	6
69	Cranial Indicators Identified for Peak Incidence of Otitis Media. <i>Anatomical Record</i> , <b>2017</b> , 300, 1721-1740	2.1	4
68	Anatomy of the Nose and Paranasal Sinuses <b>2014</b> , 3-44		4
67	Mandibular fossa of Homo erectus: A response to Durband. <i>The Anatomical Record</i> , <b>2002</b> , 266, 142-145		4
66	Reconstructing the Neanderthal Eustachian Tube: New Insights on Disease Susceptibility, Fitness Cost, and Extinction. <i>Anatomical Record</i> , <b>2019</b> , 302, 2109-2125	2.1	2

65	The relative contribution of intervertebral disc to the curvatures of the vertebral column. <i>FASEB Journal</i> , <b>2007</b> , 21, A969	0.9	1
64	A Comparative Biomechanical Study of Load Bearing Properties between the Humerus and the Femur. <i>FASEB Journal</i> , <b>2011</b> , 25, 867.13	0.9	1
63	Clavicular length asymmetries in primates indicative of handedness in daily activity. <i>FASEB Journal</i> , <b>2009</b> , 23, 822.2	0.9	1
62	Cadaveric Classification of the Genicular Arteries with Implications for the Interventional Radiologist.. <i>Journal of Vascular and Interventional Radiology</i> , <b>2021</b> ,	2.4	1
61	DYAD PEDAGOGY: A NEW WAY OF LEARNING ANATOMY. <i>FASEB Journal</i> , <b>2006</b> , 20, A419	0.9	0
60	The Subscapular Artery in the Axillary Region: Tracking its Anatomical Distribution for Clinical Application. <i>FASEB Journal</i> , <b>2008</b> , 22, 586.5	0.9	0
59	DYAD PEDAGOGY: AN IDEAL GAME LEARNING METHOD FOR USE IN STATE- OF- THE-ART GROSS ANATOMY LABORATORY. <i>FASEB Journal</i> , <b>2009</b> , 23, 182.2	0.9	0
58	The Downstate Video Atlas of Anatomy, a Project Powered by Dyad Pedagogy. <i>FASEB Journal</i> , <b>2012</b> , 26, 529.15	0.9	0
57	Identification of critical windows in early development of human upper respiratory tract and middle ear disease. <i>Anatomical Record</i> , <b>2021</b> , 304, 1953-1973	2.1	0
56	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
55	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> , <b>2021</b> , 2021, 9214104	2.8	
54	A comparative anatomical study of lumbar skeletal elements: evolutionary implications for bipedal locomotion. <i>FASEB Journal</i> , <b>2006</b> , 20, A444	0.9	
53	Examination of the Anatomy of Lower Limb Length Discrepancy (LLLD) between Inuit and Urban Populations: Orthopaedic Considerations. <i>FASEB Journal</i> , <b>2006</b> , 20, A23	0.9	
52	Comparative anatomical examination of paranasal sinuses of Egyptian mummies and three distinct human population groups via CT imaging. <i>FASEB Journal</i> , <b>2006</b> , 20, A444	0.9	
51	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> , <b>2006</b> , 20, A444	0.9	
50	An anatomical, histological, and computed tomographic examination of the mammalian nasolacrimal apparatus with particular emphasis on primate morphology. <i>FASEB Journal</i> , <b>2006</b> , 20, A446	0.9	
49	A morphometric analyzes of the polyethnic diversity seen in the skeletal nose: understanding the anatomical foundation of adaptive plasticity. <i>FASEB Journal</i> , <b>2007</b> , 21, A966	0.9	
48	Polyethnic/Racial Differences in Sagittal Femoral Bowing: Clinical Implications. <i>FASEB Journal</i> , <b>2007</b> , 21, A970	0.9	

- 47 An Anatomical Comparative Study of Lower Limb Discrepancy between Inuit and Urban Population Groups. *FASEB Journal*, **2008**, 22, 770.9 0.9
- 46 Dyad Pedagogy: Broadening the Learning Agenda in Anatomy with an Eye toward Practice. *FASEB Journal*, **2008**, 22, 768.13 0.9
- 45 The effect of intentional cranial deformation on frontal sinus development and morphology. *FASEB Journal*, **2008**, 22, 771.6 0.9
- 44 Palatal Pneumatization via the Maxillary Sinus: A Comparative Anatomical Study of Arboreal Primates and Terrestrial Mammals Employing CT imaging and Gross Dissection.. *FASEB Journal*, **2008**, 22, 771.9 0.9
- 43 A Digital Anatomico-Surgical Module for Preparing the 21st Century Dermatologist. *FASEB Journal*, **2019**, 33, 440.9 0.9
- 42 Exploring the Role of Videos in Medical Education Curriculum: A Two Year Study in Cardiothoracic Anatomy. *FASEB Journal*, **2019**, 33, 445.2 0.9
- 41 Student Perception vs Reality in Medical School Anatomy Education: From Alabama to New York. *FASEB Journal*, **2019**, 33, 442.14 0.9
- 40 The World of the Vascular Surgeon: Knowledge of Anatomical Landmarks for Successful Surgical Outcomes. *FASEB Journal*, **2019**, 33, 767.15 0.9
- 39 Anatomical risk factors for internal carotid artery dissection: a novel metric (LB50). *FASEB Journal*, **2014**, 28, LB50 0.9
- 38 A new hypothesis: Were Neanderthals susceptible to high rates of otitis media?. *FASEB Journal*, **2015**, 29, 701.2 0.9
- 37 Population Diversity in Infraorbital Foramen Location: One Size Fits All?. *FASEB Journal*, **2015**, 29, 864.13 0.9
- 36 Tracking Anatomical Variation of the Bifurcation of the Radial Nerve: Clinical Implication for Physicians. *FASEB Journal*, **2015**, 29, 864.6 0.9
- 35 The Post-surgical Stability of the Nitinol Shape Memory Staple in Orthopaedics. *FASEB Journal*, **2015**, 29, 702.6 0.9
- 34 The Constructive Approach to Teaching Anatomy through Clay Modeling: A Multi-Tier Educational Value. *FASEB Journal*, **2015**, 29, 549.3 0.9
- 33 Anatomy Outreach: Long-term Investment in the Future of Medicine. *FASEB Journal*, **2015**, 29, 693.4 0.9
- 32 CT comparative study of the nasolacrimal angle as a surrogate measure of prognathism in primate and non-primate species. *FASEB Journal*, **2009**, 23, 649.2 0.9
- 31 The meaning of emptiness: Sinuses and sacs from land to sea. *FASEB Journal*, **2009**, 23, 416.2 0.9
- 30 The Challenge of Identifying Commingled Skeletal Remains via CT Imaging and Morphometric Analysis. *FASEB Journal*, **2009**, 23, 824.2 0.9

- 29 The Bilateral Nature and Origin of the Medial Circumflex Femoral Artery. *FASEB Journal*, **2009**, 23, 820.5 0.9
- 28 Understanding Anatomy Through the Art of Sculpting. *FASEB Journal*, **2009**, 23, 479.4 0.9
- 27 Dyad Pedagogy: A New Education Paradigm for Allied Health Programs. *FASEB Journal*, **2009**, 23, 475.6 0.9
- 26 Scapular Anastomoses: the Nature of Vascular Blood Flow Around the Scapula. *FASEB Journal*, **2009**, 23, 820.2 0.9
- 25 Osteological analysis of nonhuman remains: understanding the growth and developmental patterns of post-crania. *FASEB Journal*, **2009**, 23, 824.3 0.9
- 24 Ultrasound-guided Suprascapular Nerve Blocks: An Anatomical Pilot Study. *FASEB Journal*, **2010**, 24, 455&g 0.9
- 23 An Anatomical Comparative Study of Lower Limb Discrepancy and Scoliosis. *FASEB Journal*, **2010**, 24, 447.7 0.9
- 22 Correlation between hard and soft tissue dimensions of the human foot. *FASEB Journal*, **2010**, 24, 447.5 0.9
- 21 The Frequency and Predictability of the Palmaris Longus and Plantaris Muscles: A Five Year Study. *FASEB Journal*, **2010**, 24, 448.3 0.9
- 20 The bilateral nature and origin of the lateral circumflex femoral artery. *FASEB Journal*, **2010**, 24, 447.8 0.9
- 19 Tracking the Inferior Limit of Human Spinal Cords in Donor Bodies and Live Subjects. *FASEB Journal*, **2011**, 25, 866.9 0.9
- 18 Variation in the Branching Pattern and Gross Appearance of Coronary Artery Branches. *FASEB Journal*, **2011**, 25, 869.3 0.9
- 17 Anatomical Variation in the Maximum Bending Moment of Metacarpals 2 through 5. *FASEB Journal*, **2011**, 25, 867.14 0.9
- 16 Exploring the Anatomical Spatial Relationships affecting the Anterior and Posterior Ethmoid Foramina (AEF & PEF) using 3-D Geometric Morphometric Technique. *FASEB Journal*, **2012**, 26, 722.1 0.9
- 15 A donor model assessing the effect of errant drill passes during placement of femoral nail interlock screws. *FASEB Journal*, **2012**, 26, 729.6 0.9
- 14 Tracking branching variation of the axillary artery. *FASEB Journal*, **2012**, 26, 722.12 0.9
- 13 Dyad Pedagogy: From the anatomy classroom to the workplace. *FASEB Journal*, **2012**, 26, 13.1 0.9
- 12 Vascular Variation in the Triangular Interval of the Axilla. *FASEB Journal*, **2012**, 26, 722.10 0.9

11	Early Anatomical Identification Markers for Duchenne Muscular Dystrophy in a Subadult Subject. <i>FASEB Journal</i> , <b>2012</b> , 26, 723.10	0.9
10	Sex Differences and Variation in Lower Limb Element Lengths: Implications for Physical Therapeutic Treatment of Anisomelia. <i>FASEB Journal</i> , <b>2012</b> , 26, 908.5	0.9
9	Duplex Ultrasound Measuring Hemodynamic Variations of the Superior Mesenteric Artery in Pre- and Postprandial Subjects: Understanding Mesenteric Ischemia. <i>FASEB Journal</i> , <b>2012</b> , 26, 722.6	0.9
8	Midline Angular Relationships between the Hard Palate and Cribriform Plate: Implications for Surgical Access to the Pituitary Fossa. <i>FASEB Journal</i> , <b>2012</b> , 26, 722.2	0.9
7	Sex and Racial Population Differences in the Arthro-kinematics of the Carrying Angle: Potential Clinical Implications. <i>FASEB Journal</i> , <b>2012</b> , 26, 722.8	0.9
6	Neurovue as a tracer for human nervous tissue. <i>FASEB Journal</i> , <b>2012</b> , 26, 725.5	0.9
5	Combining Ultrasound and Gross Anatomic Dissection in Teaching 3-D anatomy: Effectiveness in a first year medical course curriculum. <i>FASEB Journal</i> , <b>2012</b> , 26, 204.1	0.9
4	The Role of Nitric Oxide in Cardiopulmonary Endurance. <i>FASEB Journal</i> , <b>2013</b> , 27, 528.8	0.9
3	Persistently increased hippocampal PKM $\xi$ expression correlates with spatial long term memory maintenance. <i>FASEB Journal</i> , <b>2013</b> , 27, 534.6	0.9
2	Anatomy Education Day: A Global Outreach. <i>FASEB Journal</i> , <b>2013</b> , 27, 19.5	0.9
1	Translating Carpal Biomechanics to Triangular Fibrocartilage Complex Injury: Significance of Ulnar Variance in Predicting TFCC Lesions. <i>FASEB Journal</i> , <b>2013</b> , 27, 521.4	0.9