

Samuel MÃ¡rquez

List of Publications by Year in descending order

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91
papers

506
citations

932766

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676716

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91
all docs

91
docs citations

91
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	The Sambungmacan 3 <i>Homo erectus</i> calvaria: A comparative morphometric and morphological analysis. <i>The Anatomical Record</i> , 2001, 262, 380-397.	2.3	79
2	The Paranasal Sinuses: The Last Frontier in Craniofacial Biology. <i>Anatomical Record</i> , 2008, 291, 1350-1361.	0.8	62
3	Development of the Ethmoid Sinus and Extramural Migration: The Anatomical Basis of this Paranasal Sinus. <i>Anatomical Record</i> , 2008, 291, 1535-1553.	0.8	61
4	Endocast of Sambungmacan 3 (Sm 3): A new <i>Homo erectus</i> from Indonesia. <i>The Anatomical Record</i> , 2001, 262, 369-379.	2.3	59
5	New fossil hominid calvaria from Indonesia-Sambungmacan 3. <i>The Anatomical Record</i> , 2001, 262, 344-368.	2.3	48
6	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, 1420-1445.	0.8	40
7	The Nasal Complex of Neanderthals: An Entry Portal to their Place in Human Ancestry. <i>Anatomical Record</i> , 2014, 297, 2121-2137.	0.8	35
8	Embryology of the nose: The evo-devo concept. <i>World Journal of Otorhinolaryngology</i> , 2016, 6, 33.	0.1	20
9	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.	0.8	13
10	Sambungmacan 3 and cranial variation in Asian <i>Homo erectus</i> . <i>Journal of Human Evolution</i> , 2002, 43, 555-562.	1.3	12
11	Cranial Indicators Identified for Peak Incidence of Otitis Media. <i>Anatomical Record</i> , 2017, 300, 1721-1740.	0.8	9
12	Cadaveric Classification of the Genicular Arteries, with Implications for the Interventional Radiologist. <i>Journal of Vascular and Interventional Radiology</i> , 2022, 33, 437-444.e1.	0.2	9
13	Toward Understanding the Mammalian Zygoma: Insights From Comparative Anatomy, Growth and Development, and Morphometric Analysis. <i>Anatomical Record</i> , 2017, 300, 76-151.	0.8	8
14	Use of the Peritracheal Fold in the Dog Tracheal Transplantation Model. <i>JAMA Otolaryngology</i> , 1999, 125, 959.	1.5	7
15	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, 1072-1084.	0.8	6
16	Reconstructing the Neanderthal Eustachian Tube: New Insights on Disease Susceptibility, Fitness Cost, and Extinction. <i>Anatomical Record</i> , 2019, 302, 2109-2125.	0.8	6
17	Nasopharyngeal morphology contributes to understanding the "muddle in the middle" of the Pleistocene hominin fossil record. <i>Anatomical Record</i> , 2022, , .	0.8	5
18	Mandibular fossa of <i>Homo erectus</i> : A response to Durband. <i>The Anatomical Record</i> , 2002, 266, 142-145.	2.3	4

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19	Anatomy of the Nose and Paranasal Sinuses. , 2014, , 3-44.		4
20	Identification of critical windows in early development of human upper respiratory tract and middle ear disease. Anatomical Record, 2021, 304, 1953-1973.	0.8	3
21	The Subscapular Artery in the Axillary Region: Tracking its Anatomical Distribution for Clinical Application. FASEB Journal, 2008, 22, 586.5.	0.2	3
22	DYAD PEDAGOGY: A NEW WAY OF LEARNING ANATOMY. FASEB Journal, 2006, 20, A419.	0.2	2
23	The nasopharynx as a window to half a billion years of evolutionary change to the upper respiratory tract. Anatomical Record, 2022, 305, 1829-1841.	0.8	2
24	Discovering the Value of Anatomy Laboratory Education During the COVID-19 Pandemic from The Perspective of Three Medical Schoolsâ€™ Experience. FASEB Journal, 2021, 35, .	0.2	1
25	A Comparative Biomechanical Study of Load Bearing Properties between the Humerus and the Femur. FASEB Journal, 2011, 25, 867.13.	0.2	1
26	The relative contribution of intervertebral disc to the curvatures of the vertebral column. FASEB Journal, 2007, 21, A969.	0.2	1
27	Clavicular length asymmetries in primates indicative of handedness in daily activity. FASEB Journal, 2009, 23, 822.2.	0.2	1
28	DYAD PEDAGOGY: AN IDEAL GAME LEARNING METHOD FOR USE IN STATE-OF-THE-ART GROSS ANATOMY LABORATORY. FASEB Journal, 2009, 23, 182.2.	0.2	1
29	Stretching the Limits: Dyad Pedagogy and Technology Bolster Anatomy Learning.. FASEB Journal, 2010, 24, .	0.2	1
30	The Downstate Video Atlas of Anatomy, a Project Powered by Dyad Pedagogy. FASEB Journal, 2012, 26, 529.15.	0.2	1
31	Combining Ultrasound and Gross Anatomic Dissection in Teaching 3D anatomy: Effectiveness in a first year medical course curriculum. FASEB Journal, 2012, 26, 204.1.	0.2	1
32	History of nasopharyngeal study: A 5,000-year odyssey into our evolving understanding of a small but vital region. Anatomical Record, 0, , .	0.8	1
33	Do morphological differences in orientation of the Eustachian tube and dilator tubae muscle distinguish populations with high rates of middle ear disease?. FASEB Journal, 2021, 35, .	0.2	0
34	A comparative anatomical study of lumbar skeletal elements: evolutionary implications for bipedal locomotion. FASEB Journal, 2006, 20, A444.	0.2	0
35	Examination of the Anatomy of Lower Limb Length Discrepancy (LLLD) between Inuit and Urban Populations: Orthopaedic Considerations. FASEB Journal, 2006, 20, A23.	0.2	0
36	Comparative anatomical examination of paranasal sinuses of Egyptian mummies and three distinct human population groups via CT imaging. FASEB Journal, 2006, 20, A444.	0.2	0

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37	The anatomy of the radius of curvature of the metacarpal and proximal phalangeal bones: its evolutionary connection to our nonhuman primate ancestry. FASEB Journal, 2006, 20, A444.	0.2	0
38	An anatomical, histological, and computed tomographic examination of the mammalian nasolacrimal apparatus with particular emphasis on primate morphology. FASEB Journal, 2006, 20, A446.	0.2	0
39	A morphometric analyzes of the polyethnic diversity seen in the skeletal nose: understanding the anatomical foundation of adaptive plasticity. FASEB Journal, 2007, 21, A966.	0.2	0
40	Polyethnic/Racial Differences in Sagittal Femoral Bowing: Clinical Implications. FASEB Journal, 2007, 21, A970.	0.2	0
41	An Anatomical Comparative Study of Lower Limb Discrepancy between Inuit and Urban Population Groups. FASEB Journal, 2008, 22, 770.9.	0.2	0
42	Dyad Pedagogy: Broadening the Learning Agenda in Anatomy with an Eye toward Practice. FASEB Journal, 2008, 22, 768.13.	0.2	0
43	The effect of intentional cranial deformation on frontal sinus development and morphology. FASEB Journal, 2008, 22, 771.6.	0.2	0
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.	0.2	0
45	CT comparative study of the nasolacrimal angle as a surrogate measure of prognathism in primate and nonâ€prime species. FASEB Journal, 2009, 23, 649.2.	0.2	0
46	The meaning of emptiness: Sinuses and sacs from land to sea. FASEB Journal, 2009, 23, 416.2.	0.2	0
47	The Challenge of Identifying Commingled Skeletal Remains via CT Imaging and Morphometric Analysis. FASEB Journal, 2009, 23, 824.2.	0.2	0
48	The Bilateral Nature and Origin of the Medial Circumflex Femoral Artery. FASEB Journal, 2009, 23, 820.5.	0.2	0
49	Tracking Nasal Diversity in Multiâ€Regional Populations: Insights into the Adaptive Significance of the Upper Respiratory System. FASEB Journal, 2009, 23, .	0.2	0
50	Understanding Anatomy Through the Art of Sculpting. FASEB Journal, 2009, 23, 479.4.	0.2	0
51	Dyad Pedagogy: A New Education Paradigm for Allied Health Programs. FASEB Journal, 2009, 23, 475.6.	0.2	0
52	Scapular Anastomoses: the Nature of Vascular Blood Flow Around the Scapula. FASEB Journal, 2009, 23, 820.2.	0.2	0
53	Osteological analysis of nonhuman remains: understanding the growth and developmental patterns of postâ€crania. FASEB Journal, 2009, 23, 824.3.	0.2	0
54	Ultrasoundâ€guided Suprascapular Nerve Blocks: An Anatomical Pilot Study. FASEB Journal, 2010, 24, 455.8.	0.2	0

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55	An Anatomical Comparative Study of Lower Limb Discrepancy and Scoliosis. FASEB Journal, 2010, 24, 447.7.	0.2	0
56	Correlation between hard and soft tissue dimensions of the human foot. FASEB Journal, 2010, 24, 447.5.	0.2	0
57	Variation in the Bifurcation of the Radial Nerve: Clinical Implications. FASEB Journal, 2010, 24, .	0.2	0
58	The Frequency and Predictability of the Palmaris Longus and Plantaris Muscles: A Five Year Study. FASEB Journal, 2010, 24, 448.3.	0.2	0
59	The bilateral nature and origin of the lateral circumflex femoral artery. FASEB Journal, 2010, 24, 447.8.	0.2	0
60	Tracking the Inferior Limit of Human Spinal Cords in Donor Bodies and Live Subjects. FASEB Journal, 2011, 25, 866.9.	0.2	0
61	Variation in the Branching Pattern and Gross Appearance of Coronary Artery Branches. FASEB Journal, 2011, 25, 869.3.	0.2	0
62	Anatomical Variation in the Maximum Bending Moment of Metacarpals 2 through 5. FASEB Journal, 2011, 25, 867.14.	0.2	0
63	Exploring the Anatomical Spatial Relationships affecting the Anterior and Posterior Ethmoid Foramina (AEF & PEF) using 3D Geometric Morphometric Technique. FASEB Journal, 2012, 26, 722.1.	0.2	0
64	A donor model assessing the effect of errant drill passes during placement of femoral nail interlock screws. FASEB Journal, 2012, 26, 729.6.	0.2	0
65	Tracking branching variation of the axillary artery. FASEB Journal, 2012, 26, 722.12.	0.2	0
66	Dyad Pedagogy: From the anatomy classroom to the workplace. FASEB Journal, 2012, 26, 13.1.	0.2	0
67	Vascular Variation in the Triangular Interval of the Axilla. FASEB Journal, 2012, 26, 722.10.	0.2	0
68	Early Anatomical Identification Markers for Duchenne Muscular Dystrophy in a Subadult Subject. FASEB Journal, 2012, 26, 723.10.	0.2	0
69	Sex Differences and Variation in Lower Limb Element Lengths: Implications for Physical Therapeutic Treatment of Anisomelia. FASEB Journal, 2012, 26, 908.5.	0.2	0
70	Duplex Ultrasound Measuring Hemodynamic Variations of the Superior Mesenteric Artery in Pre- and Postprandial Subjects: Understanding Mesenteric Ischemia. FASEB Journal, 2012, 26, 722.6.	0.2	0
71	Midline Angular Relationships between the Hard Palate and Cribriform Plate: Implications for Surgical Access to the Pituitary Fossa. FASEB Journal, 2012, 26, 722.2.	0.2	0
72	Sex and Racial Population Differences in the Arthrokinematics of the Carrying Angle: Potential Clinical Implications. FASEB Journal, 2012, 26, 722.8.	0.2	0

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73	Neurovue as a tracer for human nervous tissue. FASEB Journal, 2012, 26, 725.5.	0.2	0
74	The Role of Nitric Oxide in Cardiopulmonary Endurance. FASEB Journal, 2013, 27, 528.8.	0.2	0
75	Assessing the value of clay modeling as an effective adjunct to human donor dissection. FASEB Journal, 2013, 27, .	0.2	0
76	Persistently increased hippocampal PKMÎ¶ expression correlates with spatial long term memory maintenance. FASEB Journal, 2013, 27, 534.6.	0.2	0
77	Anatomy Education Day: A Global Outreach. FASEB Journal, 2013, 27, 19.5.	0.2	0
78	Translating Carpal Biomechanics to Triangular Fibrocartilage Complex Injury: Significance of Ulnar Variance in Predicting TFCC Lesions. FASEB Journal, 2013, 27, 521.4.	0.2	0
79	Anatomical risk factors for internal carotid artery dissection: a novel metric (LB50). FASEB Journal, 2014, 28, LB50.	0.2	0
80	A new hypothesis: Were Neanderthals susceptible to high rates of otitis media?. FASEB Journal, 2015, 29, 701.2.	0.2	0
81	Population Diversity in Infraorbital Foramen Location: One Size Fits All?. FASEB Journal, 2015, 29, 864.13.	0.2	0
82	Tracking Anatomical Variation of the Bifurcation of the Radial Nerve: Clinical Implication for Physicians. FASEB Journal, 2015, 29, 864.6.	0.2	0
83	The Postâ€surgical Stability of the Nitinol Shape Memory Staple in Orthopaedics. FASEB Journal, 2015, 29, 702.6.	0.2	0
84	The Constructive Approach to Teaching Anatomy through Clay Modeling: A Multiâ€Tier Educational Value. FASEB Journal, 2015, 29, 549.3.	0.2	0
85	Anatomy Outreach: Longâ€term Investment in the Future of Medicine. FASEB Journal, 2015, 29, 693.4.	0.2	0
86	A Digital Anatomicoâ€Surgical Module for Preparing the 21 st Century Dermatologist. FASEB Journal, 2019, 33, 440.9.	0.2	0
87	Exploring the Role of Videos in Medical Education Curriculum: A Two Year Study in Cardiothoracic Anatomy. FASEB Journal, 2019, 33, 445.2.	0.2	0
88	Student Perception vs Reality in Medical School Anatomy Education: From Alabama to New York. FASEB Journal, 2019, 33, 442.14.	0.2	0
89	The World of the Vascular Surgeon: Knowledge of Anatomical Landmarks for Successful Surgical Outcomes. FASEB Journal, 2019, 33, 767.15.	0.2	0
90	Quantitative Prediction of the Location of Carotid Bifurcation and Neurovascular Structures in the Carotid Region: A Cross-Sectional Cadaveric Study. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-10.	0.7	0

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91	A Community of Medical Educators Coming together to lend an "Anatomical" Hand: Showing the Value of an In-Person Anatomy Lab based Curriculum. FASEB Journal, 2022, 36, .	0.2	0