

Matthew J Zdilla

List of Publications by Year in descending order

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112
papers

425
citations

932766

10
h-index

887659

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112
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	Circularity, Solidity, Axes of a Best Fit Ellipse, Aspect Ratio, and Roundness of the Foramen Ovale. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 222-228.	0.3	75
2	Temporal dynamics of peripheral neutrophil and lymphocytes following acute ischemic stroke. <i>Neurological Sciences</i> , 2019, 40, 1877-1885.	0.9	31
3	The size and shape of the foramen magnum in man. <i>Journal of Craniovertebral Junction and Spine</i> , 2017, 8, 205.	0.4	21
4	Metformin With Either Histamine H2-Receptor Antagonists or Proton Pump Inhibitors: A Polypharmacy Recipe for Neuropathy via Vitamin B12 Depletion. <i>Clinical Diabetes</i> , 2015, 33, 90-95.	1.2	16
5	Orientation of the Foramen Ovale. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 234-237.	0.3	16
6	Angular Relationship Between the Foramen Ovale and the Trigeminal Impression. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 2177-2180.	0.3	15
7	Metopism: a Study of the Persistent Metopic Suture. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 204-208.	0.3	15
8	Troisier sign and Virchow node: the anatomy and pathology of pulmonary adenocarcinoma metastasis to a supraclavicular lymph node. <i>Autopsy and Case Reports</i> , 2019, 9, e2018053.	0.2	14
9	Screening for variations in anterior digastric musculature prior to correction of post-traumatic anterior open bite by injection of botulinum toxin type A: a technical note. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2015, 41, 165.	0.3	13
10	Cribr orbitalia is a vascular phenomenon unrelated to marrow hyperplasia or anemia: Paradigm shift for cribr orbitalia. <i>Anatomical Record</i> , 2021, 304, 1709-1716.	0.8	13
11	Exclusion of Musculature from the Submental Flap. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2014, 2, e266.	0.3	11
12	The Shape of the Foramen Ovale. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 548-551.	0.3	10
13	Oval Window Size and Shape: a Micro-CT Anatomical Study With Considerations for Stapes Surgery. <i>Otology and Neurotology</i> , 2018, 39, 558-564.	0.7	10
14	A Review of Extensor Hallucis Longus Variants Featuring a Novel Extensor Primi Internodii Hallucis Muscle Merging With Extensor Hallucis Brevis. <i>Journal of Foot and Ankle Surgery</i> , 2018, 57, 1218-1220.	0.5	9
15	Variant Anterior Digastric Muscle Transfer for Marginal Mandibular Branch of Facial Nerve Palsy. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2014, 2, e110.	0.3	8
16	Carotico-clinoid foramina and a double optic canal: A case report with neurosurgical implications. , 2015, 6, 13.		8
17	Morphometrics of the Anterior Belly and Intermediate Tendon of the Digastric Muscle. <i>Journal of Craniofacial Surgery</i> , 2016, 27, 1321-1326.	0.3	8
18	Creating a Human Gross Anatomy Laboratory: The Experience at a Primarily Undergraduate Institution. <i>Anatomical Sciences Education</i> , 2020, 13, 636-647.	2.5	8

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19	Unilateral duplication of the anterior digastric muscle belly: a case report with implications for surgeries of the submental region. <i>Journal of Surgical Case Reports</i> , 2014, 2014, rju131-rju131.	0.2	7
20	Clival canal and clival foramen development in the fetal and infant basioccipital. <i>Child's Nervous System</i> , 2017, 33, 1209-1216.	0.6	7
21	The Use of Ultrasonography to Identify the Intersection of the Dorsomedial Cutaneous Nerve of the Hallux and the Extensor Hallucis Longus Tendon: A Cadaveric Study. <i>Journal of Foot and Ankle Surgery</i> , 2018, 57, 296-300.	0.5	6
22	A Gantzer muscle arising from the brachialis and flexor digitorum superficialis: embryological considerations and implications for median nerve entrapment. <i>Anatomical Science International</i> , 2019, 94, 150-153.	0.5	6
23	Alternobaric vertigo and facial baroparesis caused by scuba diving and relieved by chewing pineapple: a case report. <i>Undersea and Hyperbaric Medicine</i> , 2017, 44, 607-610.	0.1	6
24	Optimal Costal Cartilage Graft Selection According to Cartilage Shape: Anatomical Considerations for Rhinoplasty. <i>Facial Plastic Surgery</i> , 2017, 33, 670-674.	0.5	5
25	Variation of the mylohyoid: implications for Ludwig angina, cervical contouring, and digastric muscle transfer. <i>Surgical and Radiologic Anatomy</i> , 2018, 40, 221-225.	0.6	5
26	Local exhaust ventilation systems for the gross anatomy laboratory. <i>Morphologie</i> , 2021, 105, 237-246.	0.5	5
27	Bilateral Duplication of the Foramen Spinosum: A Case Report with Clinical and Developmental Implications. <i>Anatomy & Physiology: Current Research</i> , 2014, 04, .	0.1	4
28	Mylohyoid insertion at the mid-belly of a combined geniohyoid via a fibrous pseudo-hyoid: An observation with implications for submental flap surgery. <i>JPRAS Open</i> , 2015, 5, 1-3.	0.4	4
29	Zinc sulfate taste acuity reflects dietary zinc intake in males. <i>Clinical Nutrition ESPEN</i> , 2016, 11, e21-e25.	0.5	4
30	The Hand of Sabazio: Evidence of Dupuytren's Disease in Antiquity and the Origin of the Hand of Benediction. <i>Journal of Hand Surgery Asian-Pacific volume</i> , The, 2017, 22, 403-410.	0.2	4
31	The Infraorbital Foramen Is Located Midway Between the Nasospinale and Jugale: Considerations for Infraorbital Nerve Block and Maxillofacial Surgery. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 523-527.	0.3	4
32	The submental arrowhead variation of the mylohyoid and anterior belly of the digastric muscles. <i>Surgical and Radiologic Anatomy</i> , 2018, 40, 1429-1436.	0.6	4
33	Infraorbital foramen location in the pediatric population: A guide for infraorbital nerve block. <i>Paediatric Anaesthesia</i> , 2018, 28, 697-702.	0.6	4
34	Retinoblastoma in Infancy with Subsequent Bladder Leiomyosarcoma in Adulthood: Genomic Considerations. <i>Urology</i> , 2020, 140, 38-40.	0.5	4
35	The pudendum and the perversion of anatomical terminology. <i>Clinical Anatomy</i> , 2021, 34, 721-725.	1.5	4
36	The caroticoclinoid foramen in fetal and infantile orbitosphenoid, presphenoid, and sphenoid bones: developmental and neurosurgical considerations. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 390-396.	0.8	4

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37	The Retaining Ligament of the Anterior Digastric Muscle. <i>Journal of Craniofacial Surgery</i> , 2017, 28, 534-538.	0.3	3
38	The Size and Shape of the Porus Trigemini: Implications for Trigeminal Neuralgia Procedures. <i>FASEB Journal</i> , 2019, 33, 768.3.	0.2	3
39	Re: Atrophy of the anterior digastric muscle: response to a prospective clinical study. <i>British Journal of Oral and Maxillofacial Surgery</i> , 2016, 54, 1055.	0.4	2
40	Re: What's in a synonym? A nose by any other name would smell. <i>Clinical Anatomy</i> , 2021, 34, 1130-1132.	1.5	2
41	Sexual dimorphism of human vallate papillae: an in vivo study of normative morphology. <i>Folia Morphologica</i> , 2015, 74, 245-251.	0.4	2
42	The erroneous eponym of the carotico-clinoid foramen of Henle: attribution is due to Alexander Monro (primus). <i>Anatomy</i> , 2017, 11, 10-106.	0.2	2
43	Persistent Fetal Kidney Lobulation: Anatomy and Pathology. <i>FASEB Journal</i> , 2019, 33, 616.6-616.6.	0.2	2
44	Cribriform orbital foramen is correlated with the meningo-orbital foramen and is vascular and developmental in nature. <i>Anatomical Record</i> , 2022, 305, 1629-1671.	0.8	2
45	Ontogeny of the human fetal, neonatal, and infantile basioccipital bone: Traditional and extended eigenshape geometric morphometric analysis. <i>Anatomical Record</i> , 2022, 305, 3230-3242.	0.8	2
46	3 D printed replica of the human temporal bone intended for teaching gross anatomy. <i>Folia Medica Cracoviensia</i> , 2019, 59, 23-30.	0.3	2
47	Bilateral absence of the musculocutaneous nerve: implications for humerus fracture and atypical median nerve palsy. <i>Folia Medica Cracoviensia</i> , 2020, 60, 27-32.	0.3	2
48	What is a vulva?. <i>Anatomical Science International</i> , 0, , .	0.5	2
49	SALIVARY CARBONIC ANHYDRASE VI, ZINC SULFATE TASTE ACUITY AND FREQUENCY OF ILLNESS: A PILOT STUDY. <i>American Journal of Immunology</i> , 2014, 10, 107-113.	0.1	1
50	Synovial Sarcoma of the Hand. <i>Case Reports in Pathology</i> , 2020, 2020, 1-4.	0.2	1
51	Assessment of the Degree of Osteoarthritis in Aging Male and Female Femoral Condyles: A Cadaveric Study. <i>Cartilage</i> , 2021, 13, 1684S-1695S.	1.4	1
52	The absent musculocutaneous nerve: A systematic review. <i>Translational Research in Anatomy</i> , 2021, 22, 100092.	0.3	1
53	Clinical Implications of the Submental and Sublingual Arteries in Relation to the Mylohyoid Boutonniere. <i>Otolaryngology - Head and Neck Surgery</i> , 2021, 164, 322-327.	1.1	1
54	Cribriform Orbital Foramen is Vascular in Nature and is Dependent on the Meningo-orbital Foramen. <i>FASEB Journal</i> , 2021, 35, .	0.2	1

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55	Anatomical Exploration of the Tympanic Cavity Using Virtual and Printed 3D Models of the Human Petrous Bone. <i>FASEB Journal</i> , 2019, 33, 453.2.	0.2	1
56	Clinical implications of the cleidooccipitalis cervicalis muscle: A muscular variant of the trapezius muscle. <i>FASEB Journal</i> , 2019, 33, 616.16.	0.2	1
57	Anatomical Features of the Basioccipital Bone including the Transverse Basilar Cleft, Clival Foramen, Clival Canal, Foveae, and Foveolae. <i>FASEB Journal</i> , 2019, 33, 616.40.	0.2	1
58	Duplication of the inferior vena cava: evidence of a novel type IV. <i>Folia Medica Cracoviensia</i> , 2020, 60, 5-13.	0.3	1
59	Recommended standardized anatomic terminology of the posterior female pelvis and vulva. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 118.	0.7	1
60	A Study of the Prevalence, Origin, Insertion, and Innervation of the Gantzer muscle – A Variant Forearm Muscle. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
61	Bilateral Virchow Nodes? The Unusual Presentation of a Metastatic Small Cell Neuroendocrine Carcinoma. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
62	Utilization of Gelatin to Assess Lung Anatomy: A Novel Tool for Postgraduate Medical Education. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
63	An Anatomical Study of Skin Entry Locations in Percutaneous Foramen Ovale Cannulation. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
64	Discovery of a Flexor Digitorum Accessorius Longus (FDAL) Muscle – Implications for Tarsal Tunnel Syndrome. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
65	The use of a novel visual analog scale in conjunction with a zinc taste test to assess functional zinc status. <i>FASEB Journal</i> , 2013, 27, 860.5.	0.2	0
66	Salivary carbonic anhydrase VI, zinc taste perception, and the frequency of illness: a pilot study. <i>FASEB Journal</i> , 2013, 27, 860.6.	0.2	0
67	Bilateral Asymmetry of the Foramen Ovale: Neurosurgical Implications. <i>FASEB Journal</i> , 2015, 29, 697.8.	0.2	0
68	The Relationship between the Foramen Spinosum and the Sphenoidal Emissary Foramen: Implications for Headache and Epistaxis. <i>FASEB Journal</i> , 2015, 29, 864.12.	0.2	0
69	The Importance of Variant Anterior Digastric Musculature in Head and Neck Surgery. <i>FASEB Journal</i> , 2015, 29, 864.7.	0.2	0
70	Bilateral Duplication of the Foramen Spinosum: Implications for the Surgical Management of Neurofibromatosis Type II and Intracranial Aneurysms. <i>FASEB Journal</i> , 2015, 29, 697.6.	0.2	0
71	Internal Thoracic Arteries Arising Distal to the Anterior Scalene Muscles at the Origin of the Axillary Arteries: Implications for Coronary Artery Bypass Grafting. <i>FASEB Journal</i> , 2018, 32, .	0.2	0
72	The Relationship between the Marginal Tubercle and the Sphenozygomatic Suture: Implications for Neurosurgery. <i>FASEB Journal</i> , 2018, 32, 639.4.	0.2	0

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73	Threeâ€­Dimensional Infraorbital Foramen Location Relative to Facial Landmarks: Preliminary Results. FASEB Journal, 2018, 32, 639.12.	0.2	0
74	Variation in Gantzer muscle origin, insertion, and innervation. FASEB Journal, 2018, 32, 643.3.	0.2	0
75	The Relationship of the Articular Eminence with the Mandibular Fossa: Implications for Temporomandibular Joint Mechanics. FASEB Journal, 2018, 32, 639.13.	0.2	0
76	Sexual differences in costal cartilage size: Implications for facial reconstruction. FASEB Journal, 2018, 32, 639.7.	0.2	0
77	The Contour of the Mandibular Fossa in the Sagittal Plane. FASEB Journal, 2018, 32, 639.8.	0.2	0
78	Identifying the Location of the Foramen Ovale via the Articular Eminences, Molars, and Occipital Condyles. FASEB Journal, 2018, 32, 639.11.	0.2	0
79	Using Threeâ€­Dimensional Cranial Scans to Teach Anatomical Variation. FASEB Journal, 2018, 32, 635.22.	0.2	0
80	Morphological Variation in the Posterior Margin of the Frontal Process of the Zygomatic Bone. FASEB Journal, 2018, 32, 513.14.	0.2	0
81	The Infraorbital Foramen is Located between Nasospinale and Jugale. FASEB Journal, 2018, 32, 639.5.	0.2	0
82	Sexual Dimorphism of the Fetal, Neonatal, and Infantile Supraorbital Rim between Races. FASEB Journal, 2018, 32, 513.15.	0.2	0
83	Mylohyoid Variations and their Clinical Implications. FASEB Journal, 2018, 32, 644.16.	0.2	0
84	A Workflow for Successful Collaboration between Anatomists and Pathologists: An Example of Pulmonary Adenocarcinoma Metastasis to a Virchow Node. FASEB Journal, 2019, 33, 767.9.	0.2	0
85	Mandibular Nerve and Maxillary Artery Anatomical Variations: Implications for Dentistry, Maxillofacial and Oral Surgery. FASEB Journal, 2019, 33, 616.27.	0.2	0
86	Relationships between the Crossâ€­sectional area of the Quadriceps Musculature and the Crossâ€­sectional area of the Femoral Diaphysis in Postâ€­menopausal Females: Balanced Muscle with Unbalanced Bone. FASEB Journal, 2019, 33, 616.34.	0.2	0
87	Variations of the Inferior Vena Cava and Renal Veins. FASEB Journal, 2019, 33, 616.5.	0.2	0
88	The Infraorbital Foramen Location in the Perinatal Maxilla: Implications for Infraorbital Nerve Block. FASEB Journal, 2019, 33, 452.15.	0.2	0
89	Unilateral Rectus Capitis Posterior Major Muscle Duplication: Clinical Implications. FASEB Journal, 2019, 33, 616.21.	0.2	0
90	A Radiographic Analysis of Phalanx Shapes. FASEB Journal, 2019, 33, lb152.	0.2	0

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91	The Secondâ€toâ€Fourth Digit Bone Area Ratio from Radiographic Images. FASEB Journal, 2019, 33, 452.2.	0.2	0
92	The Size and Shape of the C4 Segment of the Intracavernous Carotid Artery Intermediate to the Petrolingual Ligament and the Abducens Nerve: Implications for Neurosurgery. FASEB Journal, 2019, 33, 771.2.	0.2	0
93	Incision of the flexor retinaculum of the foot fails to relieve symptoms of tarsal tunnel syndrome due to presence of a variant flexor digitorum accessorius longus (FDAL) muscle. FASEB Journal, 2019, 33, 769.3.	0.2	0
94	The Subpubic Contour is Sexually Dimorphic in Adult Pelves regardless of Subpubic Angle: A Radiographic Analysis. FASEB Journal, 2019, 33, 452.1.	0.2	0
95	Elongated Styloid Processes and a Triticeal Cartilage in the Stylohyoid Ligament: Clinical and Comparative Perspectives. FASEB Journal, 2019, 33, 1b151.	0.2	0
96	Covariance of the Tibial Plateau and the Femoral Condyles. FASEB Journal, 2019, 33, 453.3.	0.2	0
97	The Secondâ€toâ€Fourth Digit Ratio is not different between Sexes despite Differences in all Phalanxes: An Analysis of Phalanxes via Radiographic Measurement. FASEB Journal, 2019, 33, 452.3.	0.2	0
98	The Unilateral and Bilateral Absence of the Musculocutaneous Nerve. FASEB Journal, 2019, 33, 616.26.	0.2	0
99	The Contour of the Glenoid Fossa: Variance in Concavity. FASEB Journal, 2019, 33, 616.28.	0.2	0
100	Histological Examples of Varied Vallate Papillae Morphotypes. FASEB Journal, 2019, 33, 453.4.	0.2	0
101	A Computerâ€Aided Means of Identifying Carpal Bone Derangement. FASEB Journal, 2019, 33, 453.21.	0.2	0
102	The Size and Shape of the Alveolar Process: A Morphometric Analysis of the Dental Arch During Fetal and Infantile Development. FASEB Journal, 2020, 34, 1-1.	0.2	0
103	Assessment of the Lateral Ventricle as a Means to Identify Preâ€Dementia. FASEB Journal, 2020, 34, 1-1.	0.2	0
104	The Size of the Inferior Horn of the Lateral Ventricle is Negatively Correlated with the Thickness of the Entorhinal Cortex. FASEB Journal, 2020, 34, 1-1.	0.2	0
105	Variations of the Premaxillary Suture in Fetal and Infant Development: a Study of Position, Completeness, and Branching. FASEB Journal, 2020, 34, 1-1.	0.2	0
106	A concise survey on 3D modeling in the science of anatomy. Folia Medica Cracoviensia, 2019, 59, 15-22.	0.3	0
107	Supernumerary Branches of the Dorsomedial Cutaneous Nerve of the Hallux Crossing the Extensor Hallucis Longus Tendon. FASEB Journal, 2022, 36, .	0.2	0
108	Verifying the Insertion of the Fibulocalcaneus (Peroneocalcaneus) Internus Muscle â€“ A Rare Variant Leg Muscle. FASEB Journal, 2022, 36, .	0.2	0

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109	Preventing Iatrogenic Injury to the Dorsomedial Cutaneous Nerve of the Hallux. FASEB Journal, 2022, 36, .	0.2	0
110	Difficulties Performing Morphometric Assessment on the Costal Cartilage-Rib Interface in Cadaveric Research. FASEB Journal, 2022, 36, .	0.2	0
111	Improving the Percutaneous Approach for the Management of Trigeminal Neuralgia. FASEB Journal, 2022, 36, .	0.2	0
112	Discovery of a Bilateral Fibulocalcaneus Externum Invertus Muscle: A Novel Fibularis Quartus Variant. FASEB Journal, 2022, 36, .	0.2	0