

Ayhan Çiğmert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6850107/publications.pdf>

Version: 2024-02-01

120
papers

1,887
citations

257101

24
h-index

360668

35
g-index

122
all docs

122
docs citations

122
times ranked

2408
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrastructural evaluation of pulsed radiofrequency and conventional radiofrequency lesions in rat sciatic nerve. <i>World Neurosurgery</i> , 2009, 72, 496-500.	1.3	84
2	The nondecussating pathway of the dentatorubrothalamic tract in humans: human connectome-based tractographic study and microdissection validation. <i>Journal of Neurosurgery</i> , 2016, 124, 1406-1412.	0.9	77
3	Ultrasound-Guided Obturator Nerve Block: A Sonoanatomic Study of a New Methodologic Approach. <i>Anesthesia and Analgesia</i> , 2009, 108, 1037-1041.	1.1	64
4	Is There a Safe Area for the Axillary Nerve in the Deltoid Muscle?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 2395-2399.	1.4	60
5	Olfactory functions after transsphenoidal pituitary surgery: Endoscopic versus microscopic approach. <i>Laryngoscope</i> , 2013, 123, 2112-2119.	1.1	57
6	The controversial existence of the human superior frontooccipital fasciculus: Connectome-based tractographic study with microdissection validation. <i>Human Brain Mapping</i> , 2015, 36, 4964-4971.	1.9	48
7	A neurosurgical view of anatomical variations of the distal anterior cerebral artery: an anatomical study. <i>Journal of Neurosurgery</i> , 2006, 104, 278-284.	0.9	41
8	Implant stability and bone density: assessment of correlation in fresh cadavers using conventional and osteotome implant sockets. <i>Clinical Oral Implants Research</i> , 2009, 20, 1163-1169.	1.9	40
9	Posterior osseous bridging of C1. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 686-688.	0.8	39
10	Use of pimecrolimus to prevent epidural fibrosis in a postlaminectomy rat model. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 758-763.	0.9	39
11	Inhibition of pentylentetrazol-induced seizures in rats by prostaglandin D2. <i>Epilepsy Research</i> , 1998, 30, 63-68.	0.8	38
12	Ultrasonographic evaluation and morphometric measurements of the suprascapular notch. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 409-414.	0.6	36
13	Surgical anatomy of the external branch of the superior laryngeal nerve. <i>Clinical Anatomy</i> , 2007, 20, 387-391.	1.5	35
14	Primary Stability of Simultaneously Placed Dental Implants in Extraoral Donor Graft Sites: A Human Cadaver Study. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007, 65, 400-407.	0.5	35
15	Nerve root to lumbar disc relationships at the intervertebral foramen from a surgical viewpoint: An anatomical study. <i>Clinical Anatomy</i> , 2012, 25, 218-223.	1.5	33
16	Dynamic Article. <i>Diseases of the Colon and Rectum</i> , 2014, 57, 1169-1175.	0.7	32
17	Callosal branches of the anterior cerebral artery: An anatomical report. <i>Clinical Anatomy</i> , 2008, 21, 383-388.	1.5	30
18	Endoscopic anatomy of sphenoid sinus for pituitary surgery. <i>Clinical Anatomy</i> , 2008, 21, 627-632.	1.5	30

#	ARTICLE	IF	CITATIONS
19	Humanex vivobone tissue strains around natural teeth vs. immediate oral implants. <i>Clinical Oral Implants Research</i> , 2005, 16, 540-548.	1.9	29
20	Maxillary Artery: Anatomical Landmarks and Relationship with the Mandibular Subcondyle. <i>Plastic and Reconstructive Surgery</i> , 2007, 120, 1865-1870.	0.7	29
21	Freshâ€frozen vs. embalmed bone: is it possible to use formalinâ€fixed human bone for biomechanical experiments on implants?. <i>Clinical Oral Implants Research</i> , 2009, 20, 521-525.	1.9	29
22	Surgical anatomy of the nasolacrimal duct on the lateral nasal wall as revealed by serial dissections. <i>Anatomical Science International</i> , 2010, 85, 8-12.	0.5	27
23	Paravertebral Block in Inguinal Hernia Surgeries. <i>Regional Anesthesia and Pain Medicine</i> , 2009, 34, 312-315.	1.1	26
24	Symposium presentations. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 43-48.	0.6	26
25	Bone strains around immediately loaded implants supporting mandibular overdentures in human cadavers. <i>International Journal of Oral and Maxillofacial Implants</i> , 2007, 22, 101-9.	0.6	26
26	Ideal screw entry point and projection angles for posterior lateral mass fixation of the atlas: an anatomical study. <i>European Spine Journal</i> , 2009, 18, 1321-1325.	1.0	25
27	Platform presentations. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 49-93.	0.6	25
28	Anatomy of the palmar branch of the ulnar nerve: application to ulnar and median nerve decompressive surgery. <i>Journal of Neurosurgery</i> , 2011, 114, 263-267.	0.9	25
29	Arterial vascularization patterns of the splenium: An anatomical study. <i>Clinical Anatomy</i> , 2013, 26, 675-681.	1.5	25
30	High-located aberrant innominate artery: An unusual cause of serious hemorrhage of percutaneous tracheotomy. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2004, 25, 368-369.	0.6	24
31	Maxilla Allograft for Transplantation. <i>Annals of Plastic Surgery</i> , 2008, 61, 105-113.	0.5	24
32	The location of the obturator nerve: a three-dimensional description of the obturator canal. <i>Surgical and Radiologic Anatomy</i> , 2008, 30, 495-501.	0.6	23
33	Lumbosacral intrathecal nerve roots: an anatomical study. <i>Acta Neurochirurgica</i> , 2011, 153, 1435-1442.	0.9	23
34	The branching pattern of the middle cerebral artery: is the intermediate trunk real or not? An anatomical study correlating with simple angiography. <i>Journal of Neurosurgery</i> , 2012, 116, 1024-1034.	0.9	22
35	Window anatomy for neurosurgical approaches. <i>Journal of Neurosurgery</i> , 2009, 111, 365-370.	0.9	21
36	External Jugular Vein Duplication. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 2173-2174.	0.3	21

#	ARTICLE	IF	CITATIONS
37	Anatomy and landmarks for branches of the brachial plexus: a vade mecum. <i>Surgical and Radiologic Anatomy</i> , 2010, 32, 261-270.	0.6	21
38	Course of the innervation supply of medial head of triceps muscle and anconeus muscle at the posterior aspect of humerus (anatomical study). <i>Archives of Orthopaedic and Trauma Surgery</i> , 2006, 126, 549-553.	1.3	20
39	Hidden unilateral agenesis of the frontal sinus: human cadaver study of a potential surgical pitfall. <i>American Journal of Otolaryngology - Head and Neck Medicine and Surgery</i> , 2010, 31, 231-234.	0.6	20
40	Anatomical relationship and positions of the lumbar and sacral segments of the spinal cord according to the vertebral bodies and the spinal roots. <i>Clinical Anatomy</i> , 2014, 27, 227-233.	1.5	20
41	Relationship of dorsal root ganglion to intervertebral foramen in lumbar region: an anatomical study and review of literature. <i>Journal of Neurosurgical Sciences</i> , 2016, 60, 339-44.	0.3	20
42	Intradural cervical root adjacent interconnections in the normal, prefixed, and postfixed brachial plexus. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 413-416.	0.9	18
43	The long thoracic nerve: Its origin, branches, and relationship to the middle scalene muscle. <i>Clinical Anatomy</i> , 2009, 22, 476-480.	1.5	18
44	SAFE ZONE FOR C1 LATERAL MASS SCREWS. <i>Neurosurgery</i> , 2009, 65, 1154-1160.	0.6	17
45	Surgical View of the Lumbar Arteries and Their Branches: An Anatomical Study. <i>Operative Neurosurgery</i> , 2011, 68, ons16-ons22.	0.4	17
46	Microsurgical Anatomy for Intraoperative Preservation of the Olfactory Bulb and Tract. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 1080-1082.	0.3	17
47	Vascular Anatomy of Plantar Muscles. <i>Annals of Plastic Surgery</i> , 2007, 58, 420-426.	0.5	16
48	Bone strains around apically free versus grafted implants in the posterior maxilla of human cadavers. <i>Medical and Biological Engineering and Computing</i> , 2007, 45, 395-402.	1.6	15
49	Anatomical assessment of bile ducts of Luschka in human fetuses. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 517-521.	0.6	15
50	Perforating arteries of the anteromedial aspect of the thigh: an anatomical study regarding anteromedial thigh flap. <i>Surgical and Radiologic Anatomy</i> , 2011, 33, 241-247.	0.6	15
51	Single-Center Surgical Experience of the Treatment of Craniopharyngiomas With Emphasis on the Operative Approach: Endoscopic Endonasal and Open Microscopic Transcranial Approaches. <i>Journal of Craniofacial Surgery</i> , 2018, 29, e572-e578.	0.3	15
52	Torque-fitting and resonance frequency analyses of implants in conventional sockets versus controlled bone defects in vitro. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2010, 39, 169-173.	0.7	14
53	Vascular anatomy of the metatarsal bones and the interosseous muscles of the foot. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2009, 62, 1227-1232.	0.5	13
54	Surgical Anatomy of the Infralabyrinthine Approach. <i>Otolaryngology - Head and Neck Surgery</i> , 2014, 151, 301-307.	1.1	13

#	ARTICLE	IF	CITATIONS
55	Structure of corona radiata and tapetum fibers in ventricular surgery. <i>Journal of Clinical Neuroscience</i> , 2018, 57, 143-148.	0.8	12
56	The cervical arteries: an anatomical study with application to avoiding nerve root and spinal cord blood supply. <i>Turkish Neurosurgery</i> , 2017, 28, 234-240.	0.1	12
57	Training Model for Microvascular Anastomosis. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 238-239.	0.3	11
58	Neurovascular structures adjacent to the lumbar intervertebral discs: an anatomical study of their morphometry and relationships. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 630-638.	0.9	11
59	The demonstration of the number, course, and the location of nutrient artery canals of the femur by multidetector computed tomography. <i>Surgical and Radiologic Anatomy</i> , 2012, 34, 427-432.	0.6	11
60	New Practical Landmarks to Determine Sigmoid Sinus Free Zones for Suboccipital Approaches. <i>Journal of Craniofacial Surgery</i> , 2013, 24, 1815-1818.	0.3	11
61	Ultrasound-guided pulsed radiofrequency treatment of the pudendal nerve in chronic pelvic pain. <i>Der Anaesthetist</i> , 2016, 65, 134-136.	0.5	11
62	Comparison of Mesenteric Lengthening Techniques in IPAA: An Anatomic and Angiographic Study on Fresh Cadavers. <i>Diseases of the Colon and Rectum</i> , 2018, 61, 979-987.	0.7	11
63	Humanex vivobone tissue strains around immediately loaded implants supporting maxillary overdentures. <i>Clinical Oral Implants Research</i> , 2005, 16, 715-722.	1.9	10
64	The neurovascular relationships of the oculomotor nerve. <i>Clinical Anatomy</i> , 2011, 24, 583-589.	1.5	10
65	Anatomic relationship between the anterior sylvian point and the pars triangularis. <i>Clinical Anatomy</i> , 2012, 25, 429-436.	1.5	10
66	Topographical anatomy of the dorsal branch of the ulnar nerve and artery: a cadaver study. <i>Surgical and Radiologic Anatomy</i> , 2011, 33, 229-233.	0.6	9
67	Arterial vascularization of the pineal gland. <i>Child's Nervous System</i> , 2013, 29, 1835-1841.	0.6	9
68	Tomographic evaluation on bone morphology in posterior mandibular region for safe placement of dental implant. <i>Surgical and Radiologic Anatomy</i> , 2015, 37, 167-173.	0.6	9
69	Reliability of Poirier's triangle in localizing the thoracic duct in the thorax. <i>Surgical and Radiologic Anatomy</i> , 2010, 32, 757-760.	0.6	8
70	Pudendal block in transurethral prostatectomy. <i>European Journal of Anaesthesiology</i> , 2015, 32, 656-657.	0.7	8
71	Cervical extraforaminal ligaments: an anatomical study. <i>Surgical and Radiologic Anatomy</i> , 2017, 39, 1377-1383.	0.6	8
72	The importance of costoclavicular space on possible compression of the subclavian artery in the thoracic outlet region: a radio-anatomical study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018, 27, 561-565.	0.5	8

#	ARTICLE	IF	CITATIONS
73	Re-defining the anatomical structures for blocking the nerves in adductor canal and sciatic nerve through the same injection site: an anatomical study. <i>Surgical and Radiologic Anatomy</i> , 2018, 40, 1267-1274.	0.6	8
74	The effect of age, BMI, and bone mineral density on the various lumbar vertebral measurements in females. <i>Surgical and Radiologic Anatomy</i> , 2021, 43, 101-108.	0.6	8
75	Polidocanol injection for chemical delay and its effect on the survival of rat dorsal skin flaps. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2014, 67, 851-856.	0.5	7
76	Surgical Anatomy of Facial Nerve for Revision Transmastoid Surgery. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 619-622.	0.3	7
77	Endoscopic Anatomy and a Safe Surgical Corridor to the Anterior Skull Base. <i>World Neurosurgery</i> , 2021, 145, e83-e89.	0.7	7
78	Infragluteal Sulcus: A Combined Histologic and Anatomic Reappraisal. <i>Aesthetic Plastic Surgery</i> , 2008, 32, 496-502.	0.5	6
79	Preoperative Exposure of Sigmoid Sinus Trajectory in Posterolateral Cranial Base Approaches Using a New Landmark Through a Neurosurgical Perspective. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 220-225.	0.3	6
80	Jugular Bulb Anatomy for Lateral Skull Base Approaches. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 1969-1972.	0.3	6
81	The clinical anatomy of the ligament of Barkow at the proximal tibiofibular joint. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 161-163.	0.6	5
82	Human Ex Vivo Bone Tissue Strains Around Immediately-Loaded Implants Supporting Mandibular Fixed Prostheses. <i>Implant Dentistry</i> , 2009, 18, 162-171.	1.7	5
83	Towards the limit of quantifying low-amplitude strains on bone and in coagulum around immediately loaded oral implants in extraction sockets. <i>Medical and Biological Engineering and Computing</i> , 2006, 44, 86-94.	1.6	4
84	The Utilization of Teres Major Muscle in Facial Paralysis Reanimation. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 926-929.	0.3	4
85	Use of Triangulation Method in End-to-Side Arterial Microvascular Anastomosis. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 2225.	0.3	4
86	Coloca�o segura de pinos percut�neos em fraturas subcapitais do quinto metacarpo: um estudo anat�mico. <i>Acta Ortopedica Brasileira</i> , 2011, 19, 106-109.	0.2	4
87	Neuroanatomy of Extensor Digitorum Brevis Muscle for Reanimation of Facial Paralysis. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 2308-2311.	0.3	4
88	Anterior Communicating Artery Aneurysm Surgery. <i>Journal of Craniofacial Surgery</i> , 2014, 25, 2205-2208.	0.3	4
89	Morphology of the trigeminal ganglion: anatomical structures related to trigeminal radiofrequency rhizotomy. <i>Acta Neurochirurgica</i> , 2022, 164, 1551-1566.	0.9	4
90	Femoral seating position of the EndoButton in single incision anterior cruciate ligament reconstruction: an anatomical study. <i>Surgical and Radiologic Anatomy</i> , 2008, 30, 639-643.	0.6	3

#	ARTICLE	IF	CITATIONS
91	Poster presentations. Surgical and Radiologic Anatomy, 2009, 31, 95-229.	0.6	3
92	Microsurgical training model for lymphaticovenous anastomosis in rat. Microsurgery, 2012, 32, 420-422.	0.6	3
93	Branching pattern of the external branch of the superior laryngeal nerve and its clinical importance. Clinical Anatomy, 2012, 25, 32-39.	1.5	3
94	Applied anatomy for tibial intraosseous access in adults. Clinical Anatomy, 2018, 31, 593-597.	1.5	3
95	Visualization of superficial cerebral lesions using a smartphone application. Turkish Neurosurgery, 2017, 28, 349-355.	0.1	3
96	Origin types of the long thoracic nerve. Surgical and Radiologic Anatomy, 2009, 31, 737-737.	0.6	2
97	Use of Dental Mirror in Microsurgical Practice. Journal of Craniofacial Surgery, 2009, 20, 201-202.	0.3	2
98	Pattern of connection between papillary muscle and chordae tendineae of left ventricle. Gulhane Medical Journal, 2012, 54, 275.	0.1	2
99	Intraosseous access learning curve; is it really practical?. American Journal of Emergency Medicine, 2014, 32, 1543-1544.	0.7	2
100	Branches of ulnar artery in human fetuses: anatomical and morphometric study. Surgical and Radiologic Anatomy, 2019, 41, 1325-1332.	0.6	2
101	Measurement of interscalene space volume in diagnosis of thoracic outlet syndrome: a cadaver study. Turkish Journal of Medical Sciences, 2021, 51, 1849-1856.	0.4	2
102	Surgical anatomy of the transcanal infracochlear approach. European Archives of Oto-Rhino-Laryngology, 2022, 279, 159-168.	0.8	2
103	Neurovascular anatomy of pronator quadratus for reanimation of blepharoptosis. Surgical and Radiologic Anatomy, 2022, 44, 207-213.	0.6	2
104	Correlation between the residual ridge height and the perforation limit of sinus membrane in crestal sinus elevation. Quintessence International, 2013, 44, 689-97.	0.3	2
105	Vascular Anatomy of the Lateral Pterygoid Muscle. Annals of Plastic Surgery, 2006, 56, 584-585.	0.5	1
106	Anatomic Basis of Percutaneous Kirschner Wire Insertion in Zygoma Fractures. Journal of Craniofacial Surgery, 2011, 22, 1483-1485.	0.3	1
107	Anatomy-Based navigation for ventriculostomy: Nasion-coronal suture distance measurement. Journal of Clinical and Experimental Investigations, 2014, 5, .	0.1	1
108	Accuracy of two different voxel sizes for presurgical evaluation of mandibular osteotomy. Journal of Stomatology, Oral and Maxillofacial Surgery, 2020, 121, 129-132.	0.5	1

#	ARTICLE	IF	CITATIONS
109	Expansion sphincter pharyngoplasty: analyzing the technique based on anatomy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 857-863.	0.8	1
110	Temporal Artery and Temporal Region Supplied by the Middle Cerebral Artery: An Anatomical Study. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 2873-2877.	0.3	1
111	Comparison of Three Surgical Approaches for Frontobasal Meningiomas: Purely Endoscopic Endonasal, Purely Microscopic Bifrontal Transcranial, and Combined Endoscopic and Microscopic Supraorbital Transciliary Approaches. <i>Journal of Craniofacial Surgery</i> , 2021, 32, 844-850.	0.3	1
112	Posterior Approach to the Spine and Intervertebral Foramen: Anatomical Basis. , 2016, , 741-753.		0
113	Does obturator nerve block always occur in 3-1 block?. <i>Journal of Clinical and Experimental Investigations</i> , 2011, 2, .	0.1	0
114	A Comparative Biomechanical Evaluation of Various Instrumentation Techniques at Lumbopelvic Junction. <i>Turkiye Klinikleri Journal of Medical Sciences</i> , 2013, 33, 1175-1181.	0.1	0
115	Viewing three-dimensional structure of the cadaveric brain arteries running head: three-dimensional structure of the brain arteries. <i>Journal of Neurological Sciences</i> , 2013, , .	0.0	0
116	Surgical anatomy of the thoracic outlet. <i>Toraks Cerrahisi Bulteni</i> , 2014, 5, 50-54.	0.0	0
117	Location of Needle Tips on Plexus Brachialis in Different Supraclavicular Block Techniques: A Cadaver Study. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , 2016, 44, 169-176.	0.8	0
118	Usefulness and radiological evaluation of accuracy of innovative "œsmart" hand technique for pedicle screw placement: an anatomical study. <i>Turkish Neurosurgery</i> , 2017, 28, 866-876.	0.1	0
119	Vascularization of the Brain and Spinal Cord. , 2020, , 71-126.		0
120	Posterior Fossa Epidural Hydatid Cyst in the Adult. <i>Journal of Craniofacial Surgery</i> , 2021, 32, e175-e176.	0.3	0