

Ayhan Çiğmert

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

1,887
citations

257357

24
h-index

360920

35
g-index

122
all docs

122
docs citations

122
times ranked

2408
citing authors

#	ARTICLE	IF	CITATIONS
1	Surgical anatomy of the transcanal infracochlear approach. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 159-168.	0.8	2
2	Neurovascular anatomy of pronator quadratus for reanimation of blepharoptosis. <i>Surgical and Radiologic Anatomy</i> , 2022, 44, 207-213.	0.6	2
3	Morphology of the trigeminal ganglion: anatomical structures related to trigeminal radiofrequency rhizotomy. <i>Acta Neurochirurgica</i> , 2022, 164, 1551-1566.	0.9	4
4	Expansion sphincter pharyngoplasty: analyzing the technique based on anatomy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 857-863.	0.8	1
5	Endoscopic Anatomy and a Safe Surgical Corridor to the Anterior Skull Base. <i>World Neurosurgery</i> , 2021, 145, e83-e89.	0.7	7
6	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
7	Measurement of interscalene space volume in diagnosis of thoracic outlet syndrome: a cadaver study. <i>Turkish Journal of Medical Sciences</i> , 2021, 51, 1849-1856.	0.4	2
8	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
9	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
10	Posterior Fossa Epidural Hydatid Cyst in the Adult. <i>Journal of Craniofacial Surgery</i> , 2021, 32, e175-e176.	0.3	0
11	Accuracy of two different voxel sizes for presurgical evaluation of mandibular osteotomy. <i>Journal of Stomatology, Oral and Maxillofacial Surgery</i> , 2020, 121, 129-132.	0.5	1
12	Vascularization of the Brain and Spinal Cord. , 2020, , 71-126.		0
13	Branches of ulnar artery in human fetuses: anatomical and morphometric study. <i>Surgical and Radiologic Anatomy</i> , 2019, 41, 1325-1332.	0.6	2
14	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
15	Applied anatomy for tibial intraosseous access in adults. <i>Clinical Anatomy</i> , 2018, 31, 593-597.	1.5	3
16	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
17	Jugular Bulb Anatomy for Lateral Skull Base Approaches. <i>Journal of Craniofacial Surgery</i> , 2018, 29, 1969-1972.	0.3	6
18	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

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19	Structure of corona radiata and tapetum fibers in ventricular surgery. Journal of Clinical Neuroscience, 2018, 57, 143-148.	0.8	12
20	Comparison of Mesenteric Lengthening Techniques in IPAA: An Anatomic and Angiographic Study on Fresh Cadavers. Diseases of the Colon and Rectum, 2018, 61, 979-987.	0.7	11
21	Single-Center Surgical Experience of the Treatment of Craniopharyngiomas With Emphasis on the Operative Approach: Endoscopic Endonasal and Open Microscopic Transcranial Approaches. Journal of Craniofacial Surgery, 2018, 29, e572-e578.	0.3	15
22	Cervical extraforaminal ligaments: an anatomical study. Surgical and Radiologic Anatomy, 2017, 39, 1377-1383.	0.6	8
23	The cervical arteries: an anatomical study with application to avoiding nerve root and spinal cord blood supply. Turkish Neurosurgery, 2017, 28, 234-240.	0.1	12
24	Visualization of superficial cerebral lesions using a smartphone application. Turkish Neurosurgery, 2017, 28, 349-355.	0.1	3
25	Usefulness and radiological evaluation of accuracy of innovative "smart-hand" technique for pedicle screw placement: an anatomical study. Turkish Neurosurgery, 2017, 28, 866-876.	0.1	0
26	Ultrasound-guided pulsed radiofrequency treatment of the pudendal nerve in chronic pelvic pain. Der Anaesthetist, 2016, 65, 134-136.	0.5	11
27	Posterior Approach to the Spine and Intervertebral Foramen: Anatomical Basis. , 2016, , 741-753.		0
28	The nondecussating pathway of the dentatorubrothalamic tract in humans: human connectome-based tractographic study and microdissection validation. Journal of Neurosurgery, 2016, 124, 1406-1412.	0.9	77
29	Location of Needle Tips on Plexus Brachialis in Different Supraclavicular Block Techniques: A Cadaver Study. Turkish Journal of Anaesthesiology and Reanimation, 2016, 44, 169-176.	0.8	0
30	Relationship of dorsal root ganglion to intervertebral foramen in lumbar region: an anatomical study and review of literature. Journal of Neurosurgical Sciences, 2016, 60, 339-44.	0.3	20
31	The controversial existence of the human superior fronto-occipital fasciculus: Connectome-based tractographic study with microdissection validation. Human Brain Mapping, 2015, 36, 4964-4971.	1.9	48
32	Pudendal block in transurethral prostatectomy. European Journal of Anaesthesiology, 2015, 32, 656-657.	0.7	8
33	Tomographic evaluation on bone morphology in posterior mandibular region for safe placement of dental implant. Surgical and Radiologic Anatomy, 2015, 37, 167-173.	0.6	9
34	Anterior Communicating Artery Aneurysm Surgery. Journal of Craniofacial Surgery, 2014, 25, 2205-2208.	0.3	4
35	Intraosseous access learning curve; is it really practical?. American Journal of Emergency Medicine, 2014, 32, 1543-1544.	0.7	2
36	Anatomical relationship and positions of the lumbar and sacral segments of the spinal cord according to the vertebral bodies and the spinal roots. Clinical Anatomy, 2014, 27, 227-233.	1.5	20

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37	Dynamic Article. Diseases of the Colon and Rectum, 2014, 57, 1169-1175.	0.7	32
38	Anatomy-Based navigation for ventriculostomy: Nasion-coronal suture distance measurement. Journal of Clinical and Experimental Investigations, 2014, 5, .	0.1	1
39	Surgical Anatomy of the Infralabyrinthine Approach. Otolaryngology - Head and Neck Surgery, 2014, 151, 301-307.	1.1	13
40	Polidocanol injection for chemical delay and its effect on the survival of rat dorsal skin flaps. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2014, 67, 851-856.	0.5	7
41	Surgical Anatomy of Facial Nerve for Revision Transmastoid Surgery. Journal of Craniofacial Surgery, 2014, 25, 619-622.	0.3	7
42	Surgical anatomy of the thoracic outlet. Toraks Cerrahisi Bulteni, 2014, 5, 50-54.	0.0	0
43	Arterial vascularization patterns of the splenium: An anatomical study. Clinical Anatomy, 2013, 26, 675-681.	1.5	25
44	Olfactory functions after transsphenoidal pituitary surgery: Endoscopic versus microscopic approach. Laryngoscope, 2013, 123, 2112-2119.	1.1	57
45	Arterial vascularization of the pineal gland. Child's Nervous System, 2013, 29, 1835-1841.	0.6	9
46	New Practical Landmarks to Determine Sigmoid Sinus Free Zones for Suboccipital Approaches. Journal of Craniofacial Surgery, 2013, 24, 1815-1818.	0.3	11
47	A Comparative Biomechanical Evaluation of Various Instrumentation Techniques at Lumbopelvic Junction. Turkiye Klinikleri Journal of Medical Sciences, 2013, 33, 1175-1181.	0.1	0
48	Viewing three-dimensional structure of the cadaveric brain arteries running head: three-dimensional structure of the brain arteries. Journal of Neurological Sciences, 2013, , .	0.0	0
49	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
50	The branching pattern of the middle cerebral artery: is the intermediate trunk real or not? An anatomical study correlating with simple angiography. Journal of Neurosurgery, 2012, 116, 1024-1034.	0.9	22
51	Pattern of connection between papillary muscle and chordae tendineae of left ventricle. Gulhane Medical Journal, 2012, 54, 275.	0.1	2
52	Microsurgical training model for lymphaticovenous anastomosis in rat. Microsurgery, 2012, 32, 420-422.	0.6	3
53	Nerve root to lumbar disc relationships at the intervertebral foramen from a surgical viewpoint: An anatomical study. Clinical Anatomy, 2012, 25, 218-223.	1.5	33
54	Anatomic relationship between the anterior sylvian point and the pars triangularis. Clinical Anatomy, 2012, 25, 429-436.	1.5	10

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55	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
56	Branching pattern of the external branch of the superior laryngeal nerve and its clinical importance. <i>Clinical Anatomy</i> , 2012, 25, 32-39.	1.5	3
57	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
58	Neuroanatomy of Extensor Digitorum Brevis Muscle for Reanimation of Facial Paralysis. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 2308-2311.	0.3	4
59	Surgical View of the Lumbar Arteries and Their Branches: An Anatomical Study. <i>Operative Neurosurgery</i> , 2011, 68, ons16-ons22.	0.4	17
60	Microsurgical Anatomy for Intraoperative Preservation of the Olfactory Bulb and Tract. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 1080-1082.	0.3	17
61	Anatomic Basis of Percutaneous Kirschner Wire Insertion in Zygoma Fractures. <i>Journal of Craniofacial Surgery</i> , 2011, 22, 1483-1485.	0.3	1
62	Lumbosacral intrathecal nerve roots: an anatomical study. <i>Acta Neurochirurgica</i> , 2011, 153, 1435-1442.	0.9	23
63	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
64	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
65	The neurovascular relationships of the oculomotor nerve. <i>Clinical Anatomy</i> , 2011, 24, 583-589.	1.5	10
66	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
67	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
68	Does obturator nerve block always occur in 3-1 block?. <i>Journal of Clinical and Experimental Investigations</i> , 2011, 2, .	0.1	0
69	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
70	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
71	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
72	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

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73	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
74	Window anatomy for neurosurgical approaches. <i>Journal of Neurosurgery</i> , 2009, 111, 365-370.	0.9	21
75	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
76	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
77	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
78	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
79	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
80	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
81	Ultrasonographic evaluation and morphometric measurements of the suprascapular notch. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 409-414.	0.6	36
82	Anatomical assessment of bile ducts of Luschka in human fetuses. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 517-521.	0.6	15
83	Origin types of the long thoracic nerve. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 737-737.	0.6	2
84	Fresh vs. frozen vs. embalmed bone: is it possible to use formalin-fixed human bone for biomechanical experiments on implants?. <i>Clinical Oral Implants Research</i> , 2009, 20, 521-525.	1.9	29
85	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
86	Ultrastructural evaluation of pulsed radiofrequency and conventional radiofrequency lesions in rat sciatic nerve. <i>World Neurosurgery</i> , 2009, 72, 496-500.	1.3	84
87	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
88	Paravertebral Block in Inguinal Hernia Surgeries. <i>Regional Anesthesia and Pain Medicine</i> , 2009, 34, 312-315.	1.1	26
89	Use of Dental Mirror in Microsurgical Practice. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 201-202.	0.3	2
90	External Jugular Vein Duplication. <i>Journal of Craniofacial Surgery</i> , 2009, 20, 2173-2174.	0.3	21

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91	The Utilization of Teres Major Muscle in Facial Paralysis Reanimation. Journal of Craniofacial Surgery, 2009, 20, 926-929.	0.3	4
92	Use of Triangulation Method in End-to-Side Arterial Microvascular Anastomosis. Journal of Craniofacial Surgery, 2009, 20, 2225.	0.3	4
93	Human Ex Vivo Bone Tissue Strains Around Immediately-Loaded Implants Supporting Mandibular Fixed Protheses. Implant Dentistry, 2009, 18, 162-171.	1.7	5
94	Training Model for Microvascular Anastomosis. Journal of Craniofacial Surgery, 2009, 20, 238-239.	0.3	11
95	Poster presentations. Surgical and Radiologic Anatomy, 2009, 31, 95-229.	0.6	3
96	Platform presentations. Surgical and Radiologic Anatomy, 2009, 31, 49-93.	0.6	25
97	Symposium presentations. Surgical and Radiologic Anatomy, 2009, 31, 43-48.	0.6	26
98	SAFE ZONE FOR C1 LATERAL MASS SCREWS. Neurosurgery, 2009, 65, 1154-1160.	0.6	17
99	Infragluteal Sulcus: A Combined Histologic and Anatomic Reappraisal. Aesthetic Plastic Surgery, 2008, 32, 496-502.	0.5	6
100	The location of the obturator nerve: a three-dimensional description of the obturator canal. Surgical and Radiologic Anatomy, 2008, 30, 495-501.	0.6	23
101	Femoral seating position of the EndoButton in single incision anterior cruciate ligament reconstruction: an anatomical study. Surgical and Radiologic Anatomy, 2008, 30, 639-643.	0.6	3
102	Callosal branches of the anterior cerebral artery: An anatomical report. Clinical Anatomy, 2008, 21, 383-388.	1.5	30
103	Endoscopic anatomy of sphenoid sinus for pituitary surgery. Clinical Anatomy, 2008, 21, 627-632.	1.5	30
104	Posterior osseous bridging of C1. Journal of Clinical Neuroscience, 2008, 15, 686-688.	0.8	39
105	Maxilla Allograft for Transplantation. Annals of Plastic Surgery, 2008, 61, 105-113.	0.5	24
106	Maxillary Artery: Anatomical Landmarks and Relationship with the Mandibular Subcondyle. Plastic and Reconstructive Surgery, 2007, 120, 1865-1870.	0.7	29
107	Vascular Anatomy of Plantar Muscles. Annals of Plastic Surgery, 2007, 58, 420-426.	0.5	16
108	Surgical anatomy of the external branch of the superior laryngeal nerve. Clinical Anatomy, 2007, 20, 387-391.	1.5	35

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109	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
110	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
111	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
112	Vascular Anatomy of the Lateral Pterygoid Muscle. <i>Annals of Plastic Surgery</i> , 2006, 56, 584-585.	0.5	1
113	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
114	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
115	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
116	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
117	Humanex vivobone tissue strains around natural teeth vs. immediate oral implants. <i>Clinical Oral Implants Research</i> , 2005, 16, 540-548.	1.9	29
118	Humanex vivobone tissue strains around immediately loaded implants supporting maxillary overdentures. <i>Clinical Oral Implants Research</i> , 2005, 16, 715-722.	1.9	10
119	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
120	Inhibition of pentylentetrazol-induced seizures in rats by prostaglandin D2. <i>Epilepsy Research</i> , 1998, 30, 63-68.	0.8	38