

Kaan Yagmurlu

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

2,006
citations

279701

23
h-index

315616

38
g-index

108
all docs

108
docs citations

108
times ranked

2436
citing authors

#	ARTICLE	IF	CITATIONS
1	Largest neurosurgical social media group and its impact on communication and research. <i>British Journal of Neurosurgery</i> , 2022, 36, 58-62.	0.4	15
2	A subset of arachnoid granulations in humans drain to the venous circulation via intradural lymphatic vascular channels. <i>Journal of Neurosurgery</i> , 2022, 136, 917-926.	0.9	15
3	Three-Dimensional Quantitative Analysis of the Brainstem Safe Entry Zones Based on Internal Structures. <i>World Neurosurgery</i> , 2022, 158, e64-e74.	0.7	7
4	Biomarkers Predictive of Long-Term Outcome After Ischemic Stroke: A Meta-Analysis. <i>World Neurosurgery</i> , 2022, 163, e1-e42.	0.7	10
5	Microsurgical approaches to the cerebellar interpeduncular region: qualitative and quantitative analysis. <i>Journal of Neurosurgery</i> , 2022, 136, 1410-1423.	0.9	2
6	Interplay between vascular hemodynamics and the glymphatic system in the pathogenesis of idiopathic normal pressure hydrocephalus, exploring novel neuroimaging diagnostics. <i>Neurosurgical Review</i> , 2022, 45, 1255-1261.	1.2	3
7	Editorial: Neurosurgery and Neuroanatomy. <i>Brain Sciences</i> , 2022, 12, 341.	1.1	0
8	Pituitary Tumors in the Computational Era, Exploring Novel Approaches to Diagnosis, and Outcome Prediction with Machine Learning. <i>World Neurosurgery</i> , 2021, 146, 315-321.e1.	0.7	6
9	Commentary: Fiber Microdissection Technique for Demonstrating the Deep Cerebellar Nuclei and Cerebellar Peduncles. <i>Operative Neurosurgery</i> , 2021, 20, E245-E246.	0.4	0
10	Microsurgical Management of the Middle Cerebral Artery Bifurcation Aneurysms: An Anatomic Feasibility Study. <i>Orl</i> , 2021, 83, 187-195.	0.6	1
11	Internal Carotid Artery Injury in Transsphenoidal Surgery: Tenets for Its Avoidance and Refitâ€™A Clinical Study. <i>Brain Sciences</i> , 2021, 11, 99.	1.1	9
12	Diagnostic, Surgical, and Technical Considerations for Lumbar Interbody Fusion in Patients with Osteopenia and Osteoporosis: A Systematic Review. <i>Brain Sciences</i> , 2021, 11, 241.	1.1	9
13	Endoscopic Bilateral Optic Nerve Decompression for Treatment of Idiopathic Intracranial Hypertension. <i>Brain Sciences</i> , 2021, 11, 324.	1.1	6
14	Three-dimensional printing and craniosynostosis surgery. <i>Child's Nervous System</i> , 2021, 37, 2487-2495.	0.6	10
15	Importance of Different Characteristic of the Corticospinal Tract Based on DTI and Cadaveric Microdissection. <i>Journal of Basic and Clinical Health Sciences</i> , 2021, 5, 65-72.	0.2	1
16	Multimodal Simulation of a Novel Device for a Safe and Effective External Ventricular Drain Placement. <i>Frontiers in Neuroscience</i> , 2021, 15, 690705.	1.4	10
17	The role of hemostatic devices in neurosurgery. A systematic review. <i>Journal of Clinical Neuroscience</i> , 2021, 89, 151-157.	0.8	8
18	Perforating Arteries of the Lemniscal Trigone: A Microsurgical Neuroanatomic Description. <i>Frontiers in Neuroanatomy</i> , 2021, 15, 675313.	0.9	4

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19	Oncolytic Virotherapy for Melanoma Brain Metastases, a Potential New Treatment Paradigm?. Brain Sciences, 2021, 11, 1260.	1.1	4
20	Focused Ultrasound in Neuroscience. State of the Art and Future Perspectives. Brain Sciences, 2021, 11, 84.	1.1	27
21	Common Challenges and Solutions Associated with the Preparation of Silicone-Injected Human Head and Neck Vessels for Anatomical Study. Brain Sciences, 2021, 11, 32.	1.1	7
22	Keyhole Retrosigmoid Craniotomy for Resection of Pontine Juvenile Pilocytic Astrocytoma: 2-Dimensional Operative Video. Operative Neurosurgery, 2020, 18, E16-E16.	0.4	2
23	Cortical Spreading Depression in the Setting of Traumatic Brain Injury. World Neurosurgery, 2020, 134, 50-57.	0.7	13
24	Transsphenoidal surgery using robotics to approach the sella turcica: Integrative use of artificial intelligence, realistic motion tracking and telesurgery. Clinical Neurology and Neurosurgery, 2020, 197, 106152.	0.6	6
25	Systematic Review of Functional Mapping and Cortical Reorganization in the Setting of Arteriovenous Malformations, Redefining Anatomical Eloquence. Frontiers in Surgery, 2020, 7, 514247.	0.6	4
26	Anatomical Features of the Deep Cervical Lymphatic System and Intrajugular Lymphatic Vessels in Humans. Brain Sciences, 2020, 10, 953.	1.1	12
27	Mitochondrial dysfunction in neurological disorders: Exploring mitochondrial transplantation. Npj Regenerative Medicine, 2020, 5, 22.	2.5	136
28	From Bench to Bedside, the Current State of Oncolytic Virotherapy in Pediatric Glioma. Neurosurgery, 2020, 87, 1091-1097.	0.6	5
29	Endovascular Approach to Cerebral Revascularization: Historical Vignette. World Neurosurgery, 2020, 136, 258-262.	0.7	2
30	The Caudate Nucleus: Its Connections, Surgical Implications, and Related Complications. World Neurosurgery, 2020, 139, e428-e438.	0.7	19
31	Orbitofrontal extensions of the insular glioma based on subdivision of the uncinata fasciculus. Journal of Clinical Neuroscience, 2020, 78, 376-386.	0.8	3
32	Endoscopic endonasal surgery outcomes for pediatric craniopharyngioma: a systematic review. Neurosurgical Focus, 2020, 48, E6.	1.0	20
33	Arteriovenous malformation presenting with epilepsy: a multimodal approach to diagnosis and treatment. Neurosurgical Focus, 2020, 48, E17.	1.0	23
34	Vagus Nerve Injury During Carotid Endarterectomy: A Cadaveric Study. Medical Journal of Bakirkoy, 2020, , .	0.0	1
35	Frontal Lobe Association Pathways: Cadaveric Study. Turkiye Klinikleri Journal of Medical Sciences, 2020, 40, 236-241.	0.1	1
36	Anatomy of the Brainstem. , 2020, , 41-60.		0

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37	Microsurgical and Functional Linguistic Anatomy of Cerebral Basal Ganglia. <i>Ä°stanbul Medical Journal</i> ; 2020, 21, 451-456.	0.1	0
38	Application of Indocyanine Green Videoangiography in Aneurysm Surgery: Evidence, Techniques, Practical Tips. <i>Frontiers in Surgery</i> , 2019, 6, 34.	0.6	22
39	Enhanced recovery after surgery in intramedullary and extramedullary spinal cord lesions: perioperative considerations and recommendations. <i>Spinal Cord</i> , 2019, 57, 729-738.	0.9	3
40	Hemorrhage Risk of Untreated Isolated Cerebral Cavernous Malformations. <i>World Neurosurgery</i> , 2019, 131, e557-e561.	0.7	6
41	Deletion of 6p25.3 Is Associated with Cerebrovascular Dolichoectasia: Report of 2 Cases. <i>Pediatric Neurosurgery</i> , 2019, 54, 196-200.	0.4	2
42	Applications of Focused Ultrasound in Cerebrovascular Diseases and Brain Tumors. <i>Neurotherapeutics</i> , 2019, 16, 67-87.	2.1	40
43	Suboccipital Craniotomy for Resection of a Dorsal Medullary Cerebral Cavernous Malformation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E11-E11.	0.4	2
44	Keyhole, Trans-Sylvian, Trans-Sulcal Resection of an Insular Cerebral Cavernous Malformation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2019, 17, E18-E18.	0.4	1
45	Clinical utility of arterial spin labeling imaging in disorders of the nervous system. <i>Neurosurgical Focus</i> , 2019, 47, E5.	1.0	24
46	The suboccipital, telovelar, transsuperior fovea approach to dorsal pontine lesions. <i>Neurosurgical Focus Video</i> , 2019, 1, V19.	0.1	1
47	The lateral supracerebellar infratentorial, translateral mesencephalic sulcus approach to the mesencephalopontine junction. <i>Neurosurgical Focus Video</i> , 2019, 1, V14.	0.1	1
48	An Alternative Endoscopic Anterolateral Route to Meckel's Cave: An Anatomic Feasibility Study Using a Sublabial Transmaxillary Approach. <i>World Neurosurgery</i> , 2018, 114, 134-141.	0.7	10
49	Systematic Review of Factors Influencing Surgical Performance: Practical Recommendations for Microsurgical Procedures in Neurosurgery. <i>World Neurosurgery</i> , 2018, 112, e182-e207.	0.7	31
50	Microsurgical anatomy of the central core of the brain. <i>Journal of Neurosurgery</i> , 2018, 129, 752-769.	0.9	61
51	Low Retrosigmoid Infratonsillar Approach to Lateral Medullary Lesions. <i>World Neurosurgery</i> , 2018, 111, 311-316.	0.7	12
52	Diagnostic Accuracy of a Confocal Laser Endomicroscope for InÄ°Vivo Differentiation Between Normal Injured And Tumor Tissue During Fluorescein-Guided Glioma Resection: Laboratory Investigation. <i>World Neurosurgery</i> , 2018, 115, e337-e348.	0.7	30
53	Anterior interhemispheric transsplenic approach to pineal region tumors: anatomical study and illustrative case. <i>Journal of Neurosurgery</i> , 2018, 128, 182-192.	0.9	26
54	The interpeduncular fossa approach for resection of ventromedial midbrain lesions. <i>Journal of Neurosurgery</i> , 2018, 128, 834-839.	0.9	17

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55	Keyhole Contralateral Interhemispheric Endoscopic-Assisted Resection of an Ependymoma of the Third Ventricle. Operative Neurosurgery, 2018, 14, 203-203.	0.4	4
56	Anterior temporal artery to posterior cerebral artery bypass for revascularization of the posterior circulation: An anatomical study. Journal of Clinical Neuroscience, 2018, 47, 337-340.	0.8	10
57	Contralateral anterior interhemispheric-transcallosal-transrostral approach to the subcallosal region: a novel surgical technique. Journal of Neurosurgery, 2018, 129, 508-514.	0.9	10
58	A morphometric and analytical cadaver dissection study of a tumor-simulation balloon model. Journal of Clinical Neuroscience, 2018, 49, 76-82.	0.8	1
59	Quantitative anatomical comparison of the ipsilateral and contralateral interhemispheric transcallosal approaches to the lateral ventricle. Journal of Neurosurgery, 2018, 128, 1492-1502.	0.9	11
60	Laboratory Evaluation of a Robotic Operative Microscope - Visualization Platform for Neurosurgery. Cureus, 2018, 10, e3072.	0.2	32
61	Surgical outcomes of neurogenic thoracic outlet syndrome based on electrodiagnostic tests and QuickDASH scores. Journal of Clinical Neuroscience, 2018, 58, 75-78.	0.8	3
62	Probe-based three-dimensional confocal laser endomicroscopy of brain tumors: technical note. Cancer Management and Research, 2018, Volume 10, 3109-3123.	0.9	27
63	Quantitative Anatomic Analysis of the Transcallosal-Transchoroidal Approach and the Transcallosal-Subchoroidal Approach to the Floor of the Third Ventricle: An Anatomic Study. World Neurosurgery, 2018, 118, 219-229.	0.7	13
64	Endoscopically Assisted Targeted Keyhole Retrosigmoid Approaches for Microvascular Decompression: Quantitative Anatomic Study. World Neurosurgery, 2018, 119, e1-e15.	0.7	15
65	Optical Characterization of Neurosurgical Operating Microscopes: Quantitative Fluorescence and Assessment of PpIX Photobleaching. Scientific Reports, 2018, 8, 12543.	1.6	37
66	Microvascular anastomosis under 3D exoscope or endoscope magnification: A proof-of-concept study. , 2018, 9, 115.		29
67	A technical guide for fiber tract dissection of the internal capsule. Turkish Neurosurgery, 2018, 28, 934-939.	0.1	11
68	Maxillary Artery to Middle Cerebral Artery Bypass: A Novel Technique for Exposure of the Maxillary Artery. World Neurosurgery, 2017, 100, 540-550.	0.7	29
69	Techniques and outcomes of microsurgical management of ruptured and unruptured fusiform cerebral aneurysms. Journal of Neurosurgery, 2017, 127, 1353-1360.	0.9	17
70	A contemporary framework of language processing in the human brain in the context of preoperative and intraoperative language mapping. Neuroradiology, 2017, 59, 69-87.	1.1	61
71	The superior fovea triangle approach: a novel safe entry zone to the brainstem. Journal of Neurosurgery, 2017, 127, 1134-1138.	0.9	14
72	Quantitative Comparison of Three Endoscopic Approaches to the Parasellar Region: Laboratory Investigation. World Neurosurgery, 2017, 108, 383-392.	0.7	4

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73	Fiber Connections of the Supplementary Motor Area Revisited: Methodology of Fiber Dissection, DTI, and Three Dimensional Documentation. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	21
74	In Reply to "œœ Internal Maxillary Artery Bypass Feasible without Zygomatic Osteotomy?" <i>World Neurosurgery</i> , 2017, 104, 1005.	0.7	1
75	Transylvian, Transanterior Sulcus Approach to Basal Ganglia Cavernous Malformations. <i>Operative Neurosurgery</i> , 2017, 13, 756-756.	0.4	3
76	Repair of V2 Vertebral Artery Injuries Sustained During Anterior Cervical Discectomy. <i>World Neurosurgery</i> , 2017, 105, 796-804.	0.7	5
77	Quantitative anatomical analysis and clinical experience with mini-pterional and mini-orbitozygomatic approaches for intracranial aneurysm surgery. <i>Journal of Neurosurgery</i> , 2017, 127, 646-659.	0.9	29
78	Laser application in neurosurgery. , 2017, 8, 274.		34
79	The Interpeduncular Fossa Approach for Resection of Centromedian Midbrain Lesions. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.4	0
80	The Superior Fovea Triangle Approach for Dorsal Pontine Lesions at the Level of the Facial Colliculus. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.4	0
81	Intraoperative Fluorescence Imaging for Personalized Brain Tumor Resection: Current State and Future Directions. <i>Frontiers in Surgery</i> , 2016, 3, 55.	0.6	109
82	The Role of microRNA Markers in the Diagnosis, Treatment, and Outcome Prediction of Spinal Cord Injury. <i>Frontiers in Surgery</i> , 2016, 3, 56.	0.6	29
83	Approach selection for intrinsic brainstem pathologies. <i>Journal of Neurosurgery</i> , 2016, 125, 1596-1607.	0.9	51
84	Transcortical selective amygdalohippocampectomy technique through the middle temporal gyrus revisited: An anatomical study laboratory investigation. <i>Journal of Clinical Neuroscience</i> , 2016, 34, 237-245.	0.8	15
85	Microsurgical and Tractographic Anatomy of the Supplementary Motor Area Complex in Humans. <i>World Neurosurgery</i> , 2016, 95, 99-107.	0.7	69
86	Monsters and the case of L. Joseph: Andr� Feil's thesis on the origin of the Klippel-Feil syndrome and a social transformation of medicine. <i>Neurosurgical Focus</i> , 2016, 41, E3.	1.0	4
87	Management Strategy of a Transorbital Penetrating Pontine Injury by a Wooden Chopstick. <i>World Neurosurgery</i> , 2016, 95, 622.e7-622.e15.	0.7	24
88	Chen Jingrun, China's famous mathematician: devastated by brain injuries on the doorstep to solving a fundamental mathematical puzzle. <i>Neurosurgical Focus</i> , 2016, 41, E11.	1.0	0
89	The Anterolateral Limit of the Occipital Lobe: An Anatomical and Imaging Study. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2016, 77, 491-498.	0.4	3
90	Low-flow and high-flow neurosurgical bypass and anastomosis training models using human and bovine placental vessels: a histological analysis and validation study. <i>Journal of Neurosurgery</i> , 2016, 125, 915-928.	0.9	37

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91	The Retrosigmoid Petrosal Fissure Transpeduncular Approach to Central Pontine Lesions. World Neurosurgery, 2016, 87, 235-241.	0.7	23
92	Infraorbital nerve: a surgically relevant landmark for the pterygopalatine fossa, cavernous sinus, and anterolateral skull base in endoscopic transmaxillary approaches. Journal of Neurosurgery, 2016, 125, 1460-1468.	0.9	36
93	Fiber tracts of the dorsal language stream in the human brain. Journal of Neurosurgery, 2016, 124, 1396-1405.	0.9	114
94	Anatomy and approaches along the cerebellar-brainstem fissures. Journal of Neurosurgery, 2016, 124, 248-263.	0.9	53
95	Microsurgical and Fiber Tract Anatomy of the Nucleus Accumbens. Operative Neurosurgery, 2016, 12, 269-288.	0.4	21
96	Carotid Endarterectomy Surgical Simulation Model Using a Bovine Placenta Vessel. Neurosurgery, 2015, 77, 825-830.	0.6	6
97	Three-Dimensional Topographic Fiber Tract Anatomy of the Cerebrum. Operative Neurosurgery, 2015, 11, 274-305.	0.4	39
98	Auditory Brainstem Implantation. Operative Neurosurgery, 2015, 11, 306-321.	0.4	15
99	Normal relationship of the cervicomedullary junction with the obex and olivary bodies: a comparison of cadaveric dissection and in vivo diffusion tensor imaging. Surgical and Radiologic Anatomy, 2015, 37, 493-497.	0.6	2
100	Microsurgical anatomy of the inferior limiting insular sulcus and the temporal stem. Journal of Neurosurgery, 2015, 122, 1263-1273.	0.9	49
101	Surgical approaches for brainstem tumors in pediatric patients. Child's Nervous System, 2015, 31, 1815-1840.	0.6	80
102	Microsurgical Anatomy of the White Matter Tracts in Hemispherotomy. Operative Neurosurgery, 2014, 10, 305-324.	0.4	20
103	Three-Dimensional Microsurgical Anatomy and the Safe Entry Zones of the Brainstem. Operative Neurosurgery, 2014, 10, 602-620.	0.4	73
104	Combination hyperbaric oxygen and temozolomide therapy in c6 rat glioma model. Acta Cirurgica Brasileira, 2012, 27, 383-387.	0.3	21
105	Intra-Arterial Transplantation of Mitochondria after Ischemic Stroke Reduces Cerebral Infarction. SSRN Electronic Journal, 0, , .	0.4	0