

Koray Ozduman

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,801
citations

236925

25
h-index

206112

48
g-index

59
all docs

59
docs citations

59
times ranked

4289
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Analysis of Non- <i>NF2</i> Meningiomas Reveals Mutations in <i>TRAF7</i> , <i>KLF4</i> , <i>AKT1</i> , and <i>SMO</i> . <i>Science</i> , 2013, 339, 1077-1080.	12.6	714
2	Integrated genomic characterization of IDH1-mutant glioma malignant progression. <i>Nature Genetics</i> , 2016, 48, 59-66.	21.4	253
3	Oncolytic Virus Therapy for Glioblastoma Multiforme. <i>Cancer Journal (Sudbury, Mass)</i> , 2012, 18, 69-81.	2.0	175
4	Hypertension, Age, and Location Predict Rupture of Small Intracranial Aneurysms. <i>Neurosurgery</i> , 2005, 57, 676-683.	1.1	132
5	Fetal stroke. <i>Pediatric Neurology</i> , 2004, 30, 151-162.	2.1	97
6	Analysis of radiological features relative to histopathology in 42 skull-base chordomas and chondrosarcomas. <i>European Journal of Radiology</i> , 2006, 58, 461-470.	2.6	94
7	Somatic <i>POLE</i> mutations cause an ultramutated giant cell high-grade glioma subtype with better prognosis. <i>Neuro-Oncology</i> , 2015, 17, 1356-1364.	1.2	94
8	Spinal hydatid disease. <i>Spinal Cord</i> , 2002, 40, 153-160.	1.9	92
9	First intraoperative, shared-resource, ultrahigh-field 3-Tesla magnetic resonance imaging system and its application in low-grade glioma resection. <i>Journal of Neurosurgery</i> , 2010, 112, 57-69.	1.6	92
10	Systemic Vesicular Stomatitis Virus Selectively Destroys Multifocal Glioma and Metastatic Carcinoma in Brain. <i>Journal of Neuroscience</i> , 2008, 28, 1882-1893.	3.6	83
11	Associations of meningioma molecular subgroup and tumor recurrence. <i>Neuro-Oncology</i> , 2021, 23, 783-794.	1.2	83
12	Correlations between genomic subgroup and clinical features in a cohort of more than 3000 meningiomas. <i>Journal of Neurosurgery</i> , 2020, 133, 1345-1354.	1.6	83
13	Experience of a single institution treating foramen magnum meningiomas. <i>Journal of Clinical Neuroscience</i> , 2004, 11, 863-867.	1.5	57
14	Viral strategies for studying the brain, including a replication-restricted self-amplifying delta ϵ vesicular stomatitis virus that rapidly expresses transgenes in brain and can generate a multicolor golgi-like expression. <i>Journal of Comparative Neurology</i> , 2009, 516, 456-481.	1.6	49
15	Tenascin in Meningioma: Expression Is Correlated with Anaplasia, Vascular Endothelial Growth Factor Expression, and Peritumoral Edema But Not with Tumor Border Shape. <i>Neurosurgery</i> , 2002, 51, 183-194.	1.1	41
16	Sporadic Spinal Hemangioblastomas Can be Effectively Treated by Microsurgery Alone. <i>World Neurosurgery</i> , 2014, 82, 836-847.	1.3	39
17	Hypertension, age, and location predict rupture of small intracranial aneurysms. <i>Neurosurgery</i> , 2005, 57, 676-83; discussion 676-83.	1.1	39
18	Intraoperative magnetic resonance spectroscopy for identification of residual tumor during low-grade glioma surgery. <i>Journal of Neurosurgery</i> , 2013, 118, 1191-1198.	1.6	38

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19	Non-meningeal tumours of the cavernous sinus: A surgical analysis. <i>Journal of Clinical Neuroscience</i> , 2006, 13, 626-635.	1.5	37
20	Cytomegalovirus Induces Interferon-Stimulated Gene Expression and Is Attenuated by Interferon in the Developing Brain. <i>Journal of Virology</i> , 2007, 81, 332-348.	3.4	36
21	Effect of surgery on tumor progression and malignant degeneration in hemispheric diffuse low-grade astrocytomas. <i>Journal of Clinical Neuroscience</i> , 2002, 9, 549-552.	1.5	35
22	Effects of Valproate, Phenytoin, and MK-801 in a Novel Model of Epileptogenesis. <i>Epilepsia</i> , 1997, 38, 631-636.	5.1	34
23	The galenic venous system: Surgical anatomy and its angiographic and magnetic resonance venographic correlations. <i>European Journal of Radiology</i> , 2005, 56, 212-219.	2.6	31
24	Sphenoid Wing Meningiomas: Surgical Outcomes in a Series of 141 Cases and Proposal of a Scoring System Predicting Extent of Resection. <i>World Neurosurgery</i> , 2019, 125, e48-e59.	1.3	28
25	Elderly Patients with Intracranial Meningioma: Surgical Considerations in 228 Patients with a Comprehensive Analysis of the Literature. <i>World Neurosurgery</i> , 2019, 132, e350-e365.	1.3	27
26	IDH-mutant glioma specific association of rs55705857 located at 8q24.21 involves MYC deregulation. <i>Scientific Reports</i> , 2016, 6, 27569.	3.3	26
27	Use of telomerase promoter mutations to mark specific molecular subsets with reciprocal clinical behavior in IDH mutant and IDH wild-type diffuse gliomas. <i>Journal of Neurosurgery</i> , 2018, 128, 1102-1114.	1.6	26
28	Infratentorial lateral supracerebellar approach for trochlear nerve schwannoma. <i>Journal of Clinical Neuroscience</i> , 2002, 9, 595-598.	1.5	25
29	Using intraoperative dynamic contrast-enhanced T1-weighted MRI to identify residual tumor in glioblastoma surgery. <i>Journal of Neurosurgery</i> , 2014, 120, 60-66.	1.6	23
30	Clinicopathological Review: Giant Intraventricular Cavernous Malformation. <i>Neurosurgery</i> , 2003, 53, 374-379.	1.1	21
31	Lull Parvovirus Selectively and Efficiently Targets, Replicates in, and Kills Human Glioma Cells. <i>Journal of Virology</i> , 2012, 86, 7280-7291.	3.4	20
32	Longitudinal analysis of treatment-induced genomic alterations in gliomas. <i>Genome Medicine</i> , 2017, 9, 12.	8.2	20
33	Oligosarcomas, IDH-mutant are distinct and aggressive. <i>Acta Neuropathologica</i> , 2022, 143, 263-281.	7.7	18
34	Identification of IDH and TERTp mutation status using ¹ H-MRS in 112 hemispheric diffuse gliomas. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1799-1809.	3.4	17
35	Peripheral Immunization Blocks Lethal Actions of Vesicular Stomatitis Virus within the Brain. <i>Journal of Virology</i> , 2009, 83, 11540-11549.	3.4	16
36	Meningiomas Display a Specific Immunoexpression Pattern in a Rostrocaudal Gradient: An Analysis of 366 Patients. <i>World Neurosurgery</i> , 2019, 123, e520-e535.	1.3	16

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37	Hypertension, Age, and Location Predict Rupture of Small Intracranial Aneurysms. <i>Neurosurgery</i> , 2005, 57, 676-683.	1.1	15
38	3-T ultrahigh-field intraoperative MRI for low-grade glioma resection. <i>Expert Review of Anticancer Therapy</i> , 2009, 9, 1537-1539.	2.4	14
39	Whole exome sequencing-based analysis to identify DNA damage repair deficiency as a major contributor to gliomagenesis in adult diffuse gliomas. <i>Journal of Neurosurgery</i> , 2020, 132, 1435-1446.	1.6	12
40	Pterional and unifrontal approach for the microsurgical resection of olfactory groove meningiomas: experience with a series of 61 consecutive patients. <i>Turkish Neurosurgery</i> , 2016, 27, 707-715.	0.2	10
41	Temporal Expression of Angiogenesis-Related Genes in Developing Neonatal Rodent Retina. <i>Neurosurgery</i> , 2010, 66, 538-543.	1.1	7
42	Ventricular Meningiomas: Surgical Strategies and a New Finding That Suggest an Origin From the Choroid Plexus Epithelium. <i>World Neurosurgery</i> , 2019, 129, e177-e190.	1.3	7
43	Mutations and Copy Number Alterations in IDH Wild-Type Glioblastomas Are Shaped by Different Oncogenic Mechanisms. <i>Biomedicines</i> , 2020, 8, 574.	3.2	4
44	Current decision-making in meningiomas. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 169, 229-252.	1.8	4
45	Foramen Magnum Meningiomas. , 2010, , 543-557.		3
46	Quantification of fibrin degradation products in glioma and meningioma patients. <i>Cancer Biomarkers</i> , 2014, 14, 253-258.	1.7	3
47	Clinoidal meningiomas. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 170, 25-35.	1.8	3
48	Correlation of anatomical involvement patterns of insular gliomas with subnetworks of the limbic system. <i>Journal of Neurosurgery</i> , 2022, 136, 323-334.	1.6	3
49	The reliability and interobserver reproducibility of T2/FLAIR mismatch in the diagnosis of IDH-mutant astrocytomas. , 2021, 27, 796-801.		3
50	Gene Therapy for Meningiomas. , 2010, , 681-690.		1
51	The Impact of German-Speaking Academicians on Higher Education in Turkey. <i>World Neurosurgery</i> , 2013, 79, 25-31.	1.3	1
52	Perioperative Management of Patients with Meningiomas. , 2010, , 291-295.		0
53	Injury and recovery in the developing brain. , 0, , 329-344.		0
54	Sequential filtering for clinically relevant variants as a method for clinical interpretation of whole exome sequencing findings in glioma. <i>BMC Medical Genomics</i> , 2021, 14, 54.	1.5	0

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55	Optimum choice of MRA-sequences for Gamma Knife planning in AVM. British Journal of Neurosurgery, 2021, , 1-2.	0.8	0
56	Stroke in the Fetus and Neonate. , 2008, , 88-121.		0
57	PATH-23. OLIGOSARCOMA, IDH-MUTANT IS A DISTINCT AGGRESSIVE TYPE. Neuro-Oncology, 2021, 23, vi119-vi120.	1.2	0