Koray Ozduman

List of Publications by Year
in descending order

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	Correlation of anatomical involvement patterns of insular gliomas with subnetworks of the limbic system. Journal of Neurosurgery, 2022, 136, 323-334.	1.6	3
2	Oligosarcomas, IDH-mutant are distinct and aggressive. Acta Neuropathologica, 2022, 143, 263-281.	7.7	18
3	Associations of meningioma molecular subgroup and tumor recurrence. Neuro-Oncology, 2021, 23, 783-794.	1.2	83
4	Sequential filtering for clinically relevant variants as a method for clinical interpretation of whole exome sequencing findings in glioma. BMC Medical Genomics, 2021, 14, 54.	1.5	0
5	Optimum choice of MRA-sequences for Gamma Knife planning in AVM. British Journal of Neurosurgery, 2021, , 1-2.	0.8	0
6	PATH-23. OLIGOSARCOMA, IDH-MUTANT IS A DISTINCT AGGRESSIVE TYPE. Neuro-Oncology, 2021, 23, vi119-vi120.	1.2	0
7	The reliability and interobserver reproducibility of T2/FLAIR mismatch in the diagnosis of IDH-mutant astrocytomas. , 2021, 27, 796-801.		3
8	Identification of <i>IDH</i> and <i>TERTp</i> mutation status using ¹Hâ€MRS in 112 hemispheric diffuse gliomas. Journal of Magnetic Resonance Imaging, 2020, 51, 1799-1809.	3.4	17
9	Mutations and Copy Number Alterations in IDH Wild-Type Glioblastomas Are Shaped by Different Oncogenic Mechanisms. Biomedicines, 2020, 8, 574.	3.2	4
10	Clinoidal meningiomas. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 170, 25-35.	1.8	3
11	Current decision-making in meningiomas. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 169, 229-252.	1.8	4
12	Whole exome sequencingâ€“based analysis to identify DNA damage repair deficiency as a major contributor to gliomagenesis in adult diffuse gliomas. Journal of Neurosurgery, 2020, 132, 1435-1446.	1.6	12
13	Correlations between genomic subgroup and clinical features in a cohort of more than 3000 meningiomas. Journal of Neurosurgery, 2020, 133, 1345-1354.	1.6	83
14	Elderly Patients with Intracranial Meningioma: Surgical Considerations in 228 Patients with a Comprehensive Analysis of the Literature. World Neurosurgery, 2019, 132, e350-e365.	1.3	27
15	Ventricular Meningiomas: Surgical Strategies and a New Finding That Suggest an Origin From the Choroid Plexus Epithelium. World Neurosurgery, 2019, 129, e177-e190.	1.3	7
16	Sphenoid Wing Meningiomas: Surgical Outcomes in a Series of 141 Cases and Proposal of a Scoring System Predicting Extent of Resection. World Neurosurgery, 2019, 125, e48-e59.	1.3	28
17	Meningiomas Display a Specific Immunoexpression Pattern in a Rostrocaudal Gradient: An Analysis of 366 Patients. World Neurosurgery, 2019, 123, e520-e535.	1.3	16
18	Use of telomerase promoter mutations to mark specific molecular subsets with reciprocal clinical behavior in IDH mutant and IDH wild-type diffuse gliomas. Journal of Neurosurgery, 2018, 128, 1102-1114.	1.6	26

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19	Longitudinal analysis of treatment-induced genomic alterations in gliomas. Genome Medicine, 2017, 9, 12.	8.2	20
20	IDH-mutant glioma specific association of rs55705857 located at 8q24.21 involves MYC deregulation. Scientific Reports, 2016, 6, 27569.	3.3	26
21	Integrated genomic characterization of IDH1-mutant glioma malignant progression. Nature Genetics, 2016, 48, 59-66.	21.4	253
22	Pterional and unifrontal approach for the microsurgical resection of olfactory groove meningiomas: experience with a series of 61 consecutive patients. Turkish Neurosurgery, 2016, 27, 707-715.	0.2	10
23	Somatic<i>POLE</i>mutations cause an ultramutated giant cell high-grade glioma subtype with better prognosis. Neuro-Oncology, 2015, 17, 1356-1364.	1.2	94
24	Quantification of fibrin degradation products in glioma and meningioma patients. Cancer Biomarkers, 2014, 14, 253-258.	1.7	3
25	Using intraoperative dynamic contrast-enhanced T1-weighted MRI to identify residual tumor in glioblastoma surgery. Journal of Neurosurgery, 2014, 120, 60-66.	1.6	23
26	Sporadic Spinal Hemangioblastomas Can be Effectively Treated by Microsurgery Alone. World Neurosurgery, 2014, 82, 836-847.	1.3	39
27	The Impact of German-Speaking Academicians on Higher Education in Turkey. World Neurosurgery, 2013, 79, 25-31.	1.3	1
28	Genomic Analysis of Non- <i>NF2</i> Meningiomas Reveals Mutations in <i>TRAF7</i> , <i>KLF4</i> , <i>AKT1</i> , and <i>SMO</i>. Science, 2013, 339, 1077-1080.	12.6	714
29	Intraoperative magnetic resonance spectroscopy for identification of residual tumor during low-grade glioma surgery. Journal of Neurosurgery, 2013, 118, 1191-1198.	1.6	38
30	Oncolytic Virus Therapy for Glioblastoma Multiforme. Cancer Journal (Sudbury, Mass), 2012, 18, 69-81.	2.0	175
31	LuIII Parvovirus Selectively and Efficiently Targets, Replicates in, and Kills Human Glioma Cells. Journal of Virology, 2012, 86, 7280-7291.	3.4	20
32	Temporal Expression of Angiogenesis-Related Genes in Developing Neonatal Rodent Retina. Neurosurgery, 2010, 66, 538-543.	1.1	7
33	Gene Therapy for Meningiomas. , 2010, , 681-690.		1
34	Perioperative Management of Patients with Meningiomas. , 2010, , 291-295.		0
35	Foramen Magnum Meningiomas. , 2010, , 543-557.		3
36	First intraoperative, shared-resource, ultrahigh-field 3-Tesla magnetic resonance imaging system and its application in low-grade glioma resection. Journal of Neurosurgery, 2010, 112, 57-69.	1.6	92

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37	Peripheral Immunization Blocks Lethal Actions of Vesicular Stomatitis Virus within the Brain. Journal of Virology, 2009, 83, 11540-11549.	3.4	16
38	Viral strategies for studying the brain, including a replicationâ€restricted selfâ€amplifying deltaâ€G vesicular stomatis virus that rapidly expresses transgenes in brain and can generate a multicolor golgiâ€like expression. Journal of Comparative Neurology, 2009, 516, 456-481.	1.6	49
39	3-T ultrahigh-field intraoperative MRI for low-grade glioma resection. Expert Review of Anticancer Therapy, 2009, 9, 1537-1539.	2.4	14
40	Systemic Vesicular Stomatitis Virus Selectively Destroys Multifocal Glioma and Metastatic Carcinoma in Brain. Journal of Neuroscience, 2008, 28, 1882-1893.	3.6	83
41	Stroke in the Fetus and Neonate. , 2008, , 88-121.		0
42	Cytomegalovirus InducesInterferon-Stimulated Gene Expression and Is Attenuated by Interferon in the DevelopingBrain. Journal of Virology, 2007, 81, 332-348.	3.4	36
43	Analysis of radiological features relative to histopathology in 42 skull-base chordomas and chondrosarcomas. European Journal of Radiology, 2006, 58, 461-470.	2.6	94
44	Non-meningeal tumours of the cavernous sinus: A surgical analysis. Journal of Clinical Neuroscience, 2006, 13, 626-635.	1.5	37
45	Hypertension, Age, and Location Predict Rupture of Small Intracranial Aneurysms. Neurosurgery, 2005, 57, 676-683.	1.1	132
46	The galenic venous system: Surgical anatomy and its angiographic and magnetic resonance venographic correlations. European Journal of Radiology, 2005, 56, 212-219.	2.6	31
47	Hypertension, Age, and Location Predict Rupture of Small Intracranial Aneurysms. Neurosurgery, 2005, 57, 676-683.	1.1	15
48	Hypertension, age, and location predict rupture of small intracranial aneurysms. Neurosurgery, 2005, 57, 676-83; discussion 676-83.	1.1	39
49	Fetal stroke. Pediatric Neurology, 2004, 30, 151-162.	2.1	97
50	Experience of a single institution treating foramen magnum meningiomas. Journal of Clinical Neuroscience, 2004, 11, 863-867.	1.5	57
51	Clinicopathological Review: Giant Intraventricular Cavernous Malformation. Neurosurgery, 2003, 53, 374-379.	1.1	21
52	Spinal hydatid disease. Spinal Cord, 2002, 40, 153-160.	1.9	92
53	Tenascin in Meningioma: Expression Is Correlated with Anaplasia, Vascular Endothelial Growth Factor Expression, and Peritumoral Edema But Not with Tumor Border Shape. Neurosurgery, 2002, 51, 183-194.	1.1	41
54	Effect of surgery on tumor progression and malignant degeneration in hemispheric diffuse low-grade astrocytomas. Journal of Clinical Neuroscience, 2002, 9, 549-552.	1.5	35

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55	Infratentorial lateral supracerebellar approach for trochlear nerve schwannoma. Journal of Clinical Neuroscience, 2002, 9, 595-598.	1.5	25
56	Effects of Valproate, Phenytoin, and MK-801 in a Novel Model of Epileptogenesis. Epilepsia, 1997, 38, 631-636.	5.1	34
57	Injury and recovery in the developing brain. , 0, , 329-344.		0