

# Ilker Y EyÃ¼poglu

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

2,887  
citations

186265  
28  
h-index

189892  
50  
g-index

52  
all docs

52  
docs citations

52  
times ranked

4545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Common mutations of $\beta$ -catenin in adamantinomatous craniopharyngiomas but not in other tumours originating from the sellar region. <i>Acta Neuropathologica</i> , 2005, 109, 589-597.	7.7	234
2	Regulation of microglial expression of integrins by poly(ADP-ribose) polymerase-1. <i>Nature Cell Biology</i> , 2001, 3, 1035-1042.	10.3	174
3	Small interfering RNA-mediated xCT silencing in gliomas inhibits neurodegeneration and alleviates brain edema. <i>Nature Medicine</i> , 2008, 14, 629-632.	30.7	166
4	Histone deacetylase inhibitors: possible implications for neurodegenerative disorders. <i>Expert Opinion on Investigational Drugs</i> , 2008, 17, 169-184.	4.1	154
5	Selenium deficiency increases susceptibility to glutamate-induced excitotoxicity. <i>FASEB Journal</i> , 2003, 17, 112-114.	0.5	147
6	In vitro and ex vivo evaluation of second-generation histone deacetylase inhibitors for the treatment of spinal muscular atrophy. <i>Journal of Neurochemistry</i> , 2006, 98, 193-202.	3.9	140
7	Surgical resection of malignant gliomas' role in optimizing patient outcome. <i>Nature Reviews Neurology</i> , 2013, 9, 141-151.	10.1	133
8	Survival motor neuron gene 2 silencing by DNA methylation correlates with spinal muscular atrophy disease severity and can be bypassed by histone deacetylase inhibition. <i>Human Molecular Genetics</i> , 2009, 18, 304-317.	2.9	116
9	Suberoylanilide hydroxamic acid (SAHA) has potent anti-glioma properties in vitro, ex vivo and in vivo. <i>Journal of Neurochemistry</i> , 2005, 93, 992-999.	3.9	111
10	Improving the Extent of Malignant Glioma Resection by Dual Intraoperative Visualization Approach. <i>PLoS ONE</i> , 2012, 7, e44885.	2.5	97
11	Sulfasalazine impacts on ferroptotic cell death and alleviates the tumor microenvironment and glioma-induced brain edema. <i>Oncotarget</i> , 2016, 7, 36021-36033.	1.8	96
12	Histone deacetylase inhibitors increase neuronal differentiation in adult forebrain precursor cells. <i>Experimental Brain Research</i> , 2007, 176, 672-678.	1.5	88
13	The sitting position in neurosurgery: indications, complications and results. a single institution experience of 600 cases. <i>Acta Neurochirurgica</i> , 2013, 155, 1887-1893.	1.7	82
14	Cellular characterization of the peritumoral edema zone in malignant brain tumors. <i>Cancer Science</i> , 2009, 100, 1856-1862.	3.9	79
15	Lessons from the bone marrow: how malignant glioma cells attract adult haematopoietic progenitor cells. <i>Brain</i> , 2005, 128, 2200-2211.	7.6	77
16	Supra-complete surgery via dual intraoperative visualization approach (DiVA) prolongs patient survival in glioblastoma. <i>Oncotarget</i> , 2016, 7, 25755-25768.	1.8	69
17	Experimental therapy of malignant gliomas using the inhibitor of histone deacetylase MS-275. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1248-1255.	4.1	65
18	The oxido-metabolic driver ATF4 enhances temozolamide chemo-resistance in human gliomas. <i>Oncotarget</i> , 2017, 8, 51164-51176.	1.8	57

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19	Bone Marrow-Derived Cells Expressing Green Fluorescent Protein under the Control of the Glial Fibrillary Acidic Protein Promoter Do Not Differentiate into Astrocytes<i>In Vitro</i>and<i>In Vivo</i>. <i>Journal of Neuroscience</i> , 2003, 23, 5004-5011.	3.6	54
20	Modification of microglia function protects from lesionâ€”induced neuronal alterations and promotes sprouting in the hippocampus. <i>FASEB Journal</i> , 2003, 17, 1110-1111.	0.5	52
21	Dexamethasone Alleviates Tumor-Associated Brain Damage and Angiogenesis. <i>PLoS ONE</i> , 2014, 9, e93264.	2.5	51
22	The peroxisome proliferator-activated receptor-Î³ agonist troglitazone inhibits transforming growth factor-Î²â€”mediated glioma cell migration and brain invasion. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 1745-1754.	4.1	41
23	Malignant gliomaâ€”induced neuronal cell death in an organotypic glioma invasion model. <i>Journal of Neurosurgery</i> , 2005, 102, 738-744.	1.6	39
24	Clinical evaluation of flat-panel detector compared with multislice computed tomography in 65 patients with acute intracranial hemorrhage: initial results. <i>Journal of Neurosurgery</i> , 2010, 113, 901-907.	1.6	39
25	xCT modulation in gliomas: Relevance to energy metabolism and tumor microenvironment normalization. <i>Annals of Anatomy</i> , 2010, 192, 309-313.	1.9	35
26	Identification of neuronal cell death in a model of degeneration in the hippocampus. <i>Brain Research Protocols</i> , 2003, 11, 1-8.	1.6	34
27	In vivo micro-CT imaging of rat brain glioma: A comparison with 3T MRI and histology. <i>Neuroscience Letters</i> , 2009, 458, 28-31.	2.1	31
28	Brain Miffed by Macrophage Migration Inhibitory Factor. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-11.	2.5	29
29	Intraoperative vascular DIVA surgery reveals angiogenic hotspots in tumor zones of malignant gliomas. <i>Scientific Reports</i> , 2015, 5, 7958.	3.3	29
30	Sunitinib impedes brain tumor progression and reduces tumorâ€”induced neurodegeneration in the microenvironment. <i>Cancer Science</i> , 2015, 106, 160-170.	3.9	28
31	Neurodegeneration in the Brain Tumor Microenvironment: Glutamate in the Limelight. <i>Current Neuropharmacology</i> , 2015, 13, 258-265.	2.9	27
32	Entorhinal cortex lesion studied with the novel dye Fluoro-Jade. <i>Brain Research</i> , 2000, 864, 44-51.	2.2	25
33	Cytotoxic profiling of artesunic and betulinic acids and their synthetic hybrid compound on neurons and gliomas. <i>Oncotarget</i> , 2017, 8, 61457-61474.	1.8	24
34	A versatile<i>ex vivo</i> technique for assaying tumor angiogenesis and microglia in the brain. <i>Oncotarget</i> , 2016, 7, 1838-1853.	1.8	24
35	Identification of two novel Chlorotoxin derivatives CA4 and CTX-23 with chemotherapeutic and anti-angiogenic potential. <i>Scientific Reports</i> , 2016, 6, 19799.	3.3	22
36	Epigenetics in Brain Tumors: HDACs Take Center Stage. <i>Current Neuropharmacology</i> , 2016, 14, 48-54.	2.9	21

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37	Histone deacetylases inhibition by SAHA/Morinostat normalizes the glioma microenvironment via xCT equilibration. <i>Scientific Reports</i> , 2014, 4, 6226.	3.3	20
38	Cabazitaxel operates anti-metastatic and cytotoxic via apoptosis induction and stalls brain tumor angiogenesis. <i>Oncotarget</i> , 2016, 7, 38306-38318.	1.8	20
39	High resolution neurochemical gold staining method for myelin in peripheral and central nervous system at the light- and electron-microscopic level. <i>Cell and Tissue Research</i> , 2009, 337, 213-221.	2.9	19
40	Abundant hypermethylation of SOCS-1 in clinically silent pituitary adenomas. <i>Acta Neuropathologica</i> , 2006, 111, 264-271.	7.7	18
41	Plasticity Related Gene 3 (PRG3) overcomes myelin-associated growth inhibition and promotes functional recovery after spinal cord injury. <i>Aging</i> , 2016, 8, 2463-2487.	3.1	18
42	Adaptive Immune Response to and Survival Effect of Temozolomide- and Valproic Acid-induced Autophagy in Glioblastoma. <i>Anticancer Research</i> , 2016, 36, 899-905.	1.1	15
43	Ex vivo therapy of malignant melanomas transplanted into organotypic brain slice cultures using inhibitors of histone deacetylases. <i>Acta Neuropathologica</i> , 2006, 112, 205-215.	7.7	14
44	Dynamic Contrast Enhancement of Experimental Glioma. <i>Academic Radiology</i> , 2010, 17, 188-193.	2.5	14
45	Myocutaneous propeller flap based on the superior gluteal artery (SGA) for closure of large lumbosacral meningomyelocele defects: A case report. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2012, 65, 521-524.	1.0	14
46	Ultrasound-guided neuronavigation improves safety of ventricular catheter insertion in preterm infants. <i>Brain and Development</i> , 2013, 35, 905-911.	1.1	11
47	The x cystine/glutamate antiporter (xCT) as a potential target for therapy of cancer: Yet another cytotoxic anticancer approach?. <i>Journal of Cellular Physiology</i> , 2009, 220, 531-532.	4.1	10
48	PRG3 induces Ras-dependent oncogenic cooperation in gliomas. <i>Oncotarget</i> , 2016, 7, 26692-26708.	1.8	9
49	A new functional classification system (FGA/B) with prognostic value for glioma patients. <i>Scientific Reports</i> , 2015, 5, 12373.	3.3	7
50	Selenium and Selenoproteins in Neuroprotection and Neuronal Cell Death. , 2012, , 525-536.		5
51	Comparison of the Ramirez technique for the closure of large open myelomeningocele defects with alternative methods. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2015, 68, 1675-1682.	1.0	2