

# Kazuhiko Kurozumi

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86

papers

3,290

citations

25

h-index

56

g-index

98

ext. papers

3,715

ext. citations

4.3

avg, IF

4.48

L-index

#	Paper	IF	Citations
86	Antitumor effect of genetically engineered mesenchymal stem cells in a rat glioma model. <i>Gene Therapy</i> , <b>2004</b> , 11, 1155-64	4	494
85	Mesenchymal stem cells that produce neurotrophic factors reduce ischemic damage in the rat middle cerebral artery occlusion model. <i>Molecular Therapy</i> , <b>2005</b> , 11, 96-104	11.7	361
84	BDNF gene-modified mesenchymal stem cells promote functional recovery and reduce infarct size in the rat middle cerebral artery occlusion model. <i>Molecular Therapy</i> , <b>2004</b> , 9, 189-97	11.7	295
83	Cyclophosphamide enhances glioma virotherapy by inhibiting innate immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 12873-8	11.5	291
82	Angiogenesis and invasion in glioma. <i>Brain Tumor Pathology</i> , <b>2011</b> , 28, 13-24	3.2	186
81	Effect of tumor microenvironment modulation on the efficacy of oncolytic virus therapy. <i>Journal of the National Cancer Institute</i> , <b>2007</b> , 99, 1768-81	9.7	138
80	Histone deacetylase inhibitors augment antitumor efficacy of herpes-based oncolytic viruses. <i>Molecular Therapy</i> , <b>2008</b> , 16, 1546-55	11.7	126
79	Serine/Threonine Kinase MLK4 Determines Mesenchymal Identity in Glioma Stem Cells in an NF- $\kappa$ B-dependent Manner. <i>Cancer Cell</i> , <b>2016</b> , 29, 201-13	24.3	98
78	Embryonic neural stem cells transplanted in middle cerebral artery occlusion model of rats demonstrated potent therapeutic effects, compared to adult neural stem cells. <i>Brain Research</i> , <b>2008</b> , 1234, 172-82	3.7	85
77	Enhanced antitumor efficacy of vasculostatin (Vstat120) expressing oncolytic HSV-1. <i>Molecular Therapy</i> , <b>2010</b> , 18, 285-94	11.7	77
76	Cyclophosphamide increases transgene expression mediated by an oncolytic adenovirus in glioma-bearing mice monitored by bioluminescence imaging. <i>Molecular Therapy</i> , <b>2006</b> , 14, 779-88	11.7	77
75	Oncolytic HSV-1 infection of tumors induces angiogenesis and upregulates CYR61. <i>Molecular Therapy</i> , <b>2008</b> , 16, 1382-91	11.7	61
74	The relationship between peritumoral brain edema and the expression of vascular endothelial growth factor and its receptors in intracranial meningiomas. <i>Journal of Neuro-Oncology</i> , <b>2004</b> , 70, 349-57	4.8	60
73	Adult neural stem and progenitor cells modified to secrete GDNF can protect, migrate and integrate after intracerebral transplantation in rats with transient forebrain ischemia. <i>European Journal of Neuroscience</i> , <b>2007</b> , 26, 1462-78	3.5	58
72	Therapeutic effect of suicide gene-transferred mesenchymal stem cells in a rat model of glioma. <i>Cancer Gene Therapy</i> , <b>2012</b> , 19, 572-8	5.4	52
71	Oncolytic viruses driven by tumor-specific promoters. <i>Current Cancer Drug Targets</i> , <b>2007</b> , 7, 181-9	2.8	48
70	Significance of molecular classification of ependymomas: C11orf95-RELA fusion-negative supratentorial ependymomas are a heterogeneous group of tumors. <i>Acta Neuropathologica Communications</i> , <b>2018</b> , 6, 134	7.3	44

69	Induction of WNT11 by hypoxia and hypoxia-inducible factor-1 regulates cell proliferation, migration and invasion. <i>Scientific Reports</i> , <b>2016</b> , 6, 21520	4.9	43
68	Extracellular matrix protein CCN1 limits oncolytic efficacy in glioma. <i>Cancer Research</i> , <b>2012</b> , 72, 1353-62	10.1	41
67	Cilengitide treatment for malignant glioma: current status and future direction. <i>Neurologia Medico-Chirurgica</i> , <b>2012</b> , 52, 539-47	2.6	41
66	Genome-wide methylation profiles in primary intracranial germ cell tumors indicate a primordial germ cell origin for germinomas. <i>Acta Neuropathologica</i> , <b>2017</b> , 133, 445-462	14.3	38
65	Integrated clinical, histopathological, and molecular data analysis of 190 central nervous system germ cell tumors from the iGCT Consortium. <i>Neuro-Oncology</i> , <b>2019</b> , 21, 1565-1577	1	31
64	Apoptosis induction with 5-fluorocytosine/cytosine deaminase gene therapy for human malignant glioma cells mediated by adenovirus. <i>Journal of Neuro-Oncology</i> , <b>2004</b> , 66, 117-27	4.8	29
63	Annexin A2 regulates angiogenesis and invasion phenotypes of malignant glioma. <i>Brain Tumor Pathology</i> , <b>2015</b> , 32, 184-94	3.2	28
62	Integrin inhibitor suppresses bevacizumab-induced glioma invasion. <i>Translational Oncology</i> , <b>2014</b> , 7, 292-302	3.2	25
61	Novel animal glioma models that separately exhibit two different invasive and angiogenic phenotypes of human glioblastomas. <i>World Neurosurgery</i> , <b>2012</b> , 78, 670-82	2.1	24
60	Adhesion molecules and the extracellular matrix as drug targets for glioma. <i>Brain Tumor Pathology</i> , <b>2016</b> , 33, 97-106	3.2	23
59	Integrin antagonist augments the therapeutic effect of adenovirus-mediated REIC/Dkk-3 gene therapy for malignant glioma. <i>Gene Therapy</i> , <b>2015</b> , 22, 146-54	4	20
58	The integrin inhibitor cilengitide enhances the anti-glioma efficacy of vasculostatin-expressing oncolytic virus. <i>Cancer Gene Therapy</i> , <b>2013</b> , 20, 437-44	5.4	20
57	Fibroblast growth factor 13 regulates glioma cell invasion and is important for bevacizumab-induced glioma invasion. <i>Oncogene</i> , <b>2018</b> , 37, 777-786	9.2	18
56	Mechanisms of tumor development and anti-angiogenic therapy in glioblastoma multiforme. <i>Neurologia Medico-Chirurgica</i> , <b>2013</b> , 53, 755-63	2.6	18
55	Bimodal anti-glioma mechanisms of cilengitide demonstrated by novel invasive glioma models. <i>Neuropathology</i> , <b>2013</b> , 33, 162-74	2	17
54	Quantitative analysis of surgical exposure and maneuverability associated with the endoscope and the microscope in the retrosigmoid and various posterior petrosectomy approaches to the petroclival region using computer tomography-based frameless stereotaxy. A cadaveric study. <i>Clinical Neurology and Neurosurgery</i> , <b>2013</b> , 115, 1058-62	2	17
53	Proteomics-based analysis of invasion-related proteins in malignant gliomas. <i>Neuropathology</i> , <b>2013</b> , 33, 264-75	2	17
52	Phenotypic Transition as a Survival Strategy of Glioma. <i>Neurologia Medico-Chirurgica</i> , <b>2016</b> , 56, 387-95	2.6	15

51	Delayed postoperative hyponatremia after endoscopic transsphenoidal surgery for pituitary adenoma. <i>Acta Neurochirurgica</i> , <b>2019</b> , 161, 707-715	3	14
50	Oncolytic Herpes Virus Armed with Vasculostatin in Combination with Bevacizumab Abrogates Glioma Invasion via the CCN1 and AKT Signaling Pathways. <i>Molecular Cancer Therapeutics</i> , <b>2019</b> , 18, 1418-1429 <sup>13</sup>	6.1	13
49	Fatal glioblastoma after Gamma Knife radiosurgery for arteriovenous malformation in a child. <i>Journal of Clinical Neuroscience</i> , <b>2014</b> , 21, 1453-5	2.2	13
48	"Double-stick tape" technique for transposition of an offending vessel in microvascular decompression: technical case report. <i>Operative Neurosurgery</i> , <b>2011</b> , 68, 377-82; discussion 382	1.6	13
47	Evaluation of extracellular matrix protein CCN1 as a prognostic factor for glioblastoma. <i>Brain Tumor Pathology</i> , <b>2015</b> , 32, 245-52	3.2	12
46	Gene therapeutics: the future of brain tumor therapy?. <i>Expert Review of Anticancer Therapy</i> , <b>2006</b> , 6, 1053-64	3.5	12
45	Endoscope-assisted resection of cavernous angioma at the foramen of Monro: a case report. <i>SpringerPlus</i> , <b>2016</b> , 5, 1820		12
44	Simultaneous combination of electromagnetic navigation with visual evoked potential in endoscopic transsphenoidal surgery: clinical experience and technical considerations. <i>Acta Neurochirurgica</i> , <b>2017</b> , 159, 1043-1048	3	11
43	TERT promoter mutation confers favorable prognosis regardless of 1p/19q status in adult diffuse gliomas with IDH1/2 mutations. <i>Acta Neuropathologica Communications</i> , <b>2020</b> , 8, 201	7.3	11
42	Gene expression profiling of the anti-glioma effect of Cilengitide. <i>SpringerPlus</i> , <b>2013</b> , 2, 160		10
41	Hybrid Microscopic-Endoscopic Surgery for Craniopharyngioma in Neurosurgical Suite: Technical Notes. <i>World Neurosurgery</i> , <b>2016</b> , 85, 340-8.e1	2.1	9
40	Clinicopathological and Genetic Features of Supratentorial Cortical Ependymomas. <i>World Neurosurgery</i> , <b>2019</b> , 129, e417-e428	2.1	9
39	β-Catenin Promotes Bevacizumab-Induced Glioma Invasion. <i>Molecular Cancer Therapeutics</i> , <b>2019</b> , 18, 812-822	6.1	8
38	Precise MEP monitoring with a reduced interval is safe and useful for detecting permissive duration for temporary clipping. <i>Scientific Reports</i> , <b>2020</b> , 10, 3507	4.9	8
37	A super gene expression system enhances the anti-glioma effects of adenovirus-mediated REIC/Dkk-3 gene therapy. <i>Scientific Reports</i> , <b>2016</b> , 6, 33319	4.9	8
36	Reduced neurotoxicity with combined treatment of high-dose methotrexate, cyclophosphamide, doxorubicin, vincristine and prednisolone (M-CHOP) and deferred radiotherapy for primary central nervous system lymphoma. <i>Clinical Neurology and Neurosurgery</i> , <b>2014</b> , 127, 106-11	2	8
35	Annexin A2-STAT3-Oncostatin M receptor axis drives phenotypic and mesenchymal changes in glioblastoma. <i>Acta Neuropathologica Communications</i> , <b>2020</b> , 8, 42	7.3	8
34	Differentiated glioblastoma cells accelerate tumor progression by shaping the tumor microenvironment via CCN1-mediated macrophage infiltration. <i>Acta Neuropathologica Communications</i> , <b>2021</b> , 9, 29	7.3	8

33	High-grade glioneuronal tumor with an ARHGEF2-NTRK1 fusion gene. <i>Brain Tumor Pathology</i> , <b>2019</b> , 36, 121-128	3.2	7
32	PIK3R1Met326Ile germline mutation correlates with cysteine-rich protein 61 expression and poor prognosis in glioblastoma. <i>Scientific Reports</i> , <b>2017</b> , 7, 7391	4.9	7
31	Primary germinoma in the medulla oblongata - case report -. <i>Neurologia Medico-Chirurgica</i> , <b>2011</b> , 51, 326-9	2.6	7
30	Experience with the high occipital transcortical approach in the treatment of intraventricular hemorrhage. Report of two cases. <i>Journal of Neurosurgery</i> , <b>2001</b> , 94, 315-7	3.2	7
29	Combination of the tubular retractor and brain spatulas provides an adequate operative field in surgery for deep-seated lesions: Case series and technical note. <i>Surgical Neurology International</i> , <b>2018</b> , 9, 220	1	6
28	Perioperative Management Center (PERIO) for Neurosurgical Patients. <i>Neurologia Medico-Chirurgica</i> , <b>2016</b> , 56, 574-9	2.6	6
27	Quantitative analysis of brain edema in patients with malignant glioma treated with BCNU wafers. <i>Journal of Clinical Neuroscience</i> , <b>2016</b> , 33, 148-153	2.2	5
26	The supposed intracavernous sinus arachnoid cyst with abducens neuropathy: a case report. <i>Neurologia Medico-Chirurgica</i> , <b>2014</b> , 54, 582-6	2.6	4
25	Dynamic Reorganization of Microtubule and Glioma Invasion. <i>Acta Medica Okayama</i> , <b>2019</b> , 73, 285-297	0.5	4
24	Study protocol of a Phase I/IIa clinical trial of Ad-SGE-REIC for treatment of recurrent malignant glioma. <i>Future Oncology</i> , <b>2020</b> , 16, 151-159	3.6	4
23	Efficacy of multimodal treatment for leptomeningeal metastases in a lung cancer harboring an EGFR mutation. <i>OncoTargets and Therapy</i> , <b>2016</b> , 9, 1753-8	4.4	4
22	Erratum to BDNF gene-modified mesenchymal stem cells promote functional recovery and reduce infarct size in the rat middle cerebral artery occlusion model [Molecular Therapy 9: 189-197 (2004), doi:10.1016/j.ymthe.2003.10.012]. <i>Molecular Therapy</i> , <b>2004</b> , 9, 766	11.7	3
21	Large cerebral arteriovenous malformation presenting with venous ischemia in the contralateral hemisphere. Case report. <i>Journal of Neurosurgery</i> , <b>2002</b> , 97, 995-7	3.2	3
20	Detailed Arterial Anatomy and Its Anastomoses of the Sphenoid Ridge and Olfactory Groove Meningiomas with Special Reference to the Recurrent Branches from the Ophthalmic Artery. <i>American Journal of Neuroradiology</i> , <b>2020</b> , 41, 2082-2087	4.4	3
19	Phase I/II study of depatuzizumab mafodotin (ABT-414) monotherapy or combination with temozolomide in Japanese patients with/without EGFR-amplified recurrent glioblastoma.. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 2065-2065	2.2	2
18	A unique case with positive anti-myelin oligodendrocyte glycoprotein antibody presenting multiple brain lesions. <i>Neurology and Clinical Neuroscience</i> , <b>2020</b> , 8, 92-95	0.3	1
17	Cavernous malformation of the optic chiasm with continuous hemorrhage in a pregnant woman: A case report. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , <b>2019</b> , 18, 100489	0.5	1
16	Development of a novel gripping test for the evaluation of the finger fine motor ability in MPTP-treated monkeys. <i>Journal of Integrative Neuroscience</i> , <b>2020</b> , 19, 209-215	1.5	1

15	The NRG3/ERBB4 signaling cascade as a novel therapeutic target for canine glioma. <i>Experimental Cell Research</i> , <b>2021</b> , 400, 112504	4.2	1
14	Low tumor cell content predicts favorable prognosis in germinoma patients. <i>Neuro-Oncology Advances</i> , <b>2021</b> , 3, vdab110	0.9	1
13	NI-01 Usefulness of preoperative evaluation of glioma elasticity by the magnetic resonance elastography. <i>Neuro-Oncology Advances</i> , <b>2020</b> , 2, ii12-ii13	0.9	0
12	RARE-32. PEDIATRIC METASTATIC SKULL BASE CHORDOMA WITH TP53 MUTATION ▯ CASE REPORT AND REVIEW OF THE LITERATURE. <i>Neuro-Oncology</i> , <b>2020</b> , 22, iii449-iii449	1	0
11	Feasibility of Mechanical Thrombectomy for Acute Ischemic Stroke Patients Aged 90 Years or Older Compared to Younger Patients. <i>Neurologia Medico-Chirurgica</i> , <b>2021</b> , 61, 397-403	2.6	0
10	Implications of immune cells in oncolytic herpes simplex virotherapy for glioma.. <i>Brain Tumor Pathology</i> , <b>2022</b> , 1	3.2	0
9	A Case of Ossification of the Cervical Anterior Longitudinal Ligament. <i>Japanese Journal of Neurosurgery</i> , <b>2002</b> , 11, 289-292	0	
8	The Journal of Gene Medicine Japanese Society of Gene Therapy Young Investigator Award 2005. <i>Journal of Gene Medicine</i> , <b>2005</b> , 7, 1586-7	3.5	
7	A Case of Desmoplastic Astrocytoma developing in an Adult. <i>Japanese Journal of Neurosurgery</i> , <b>2001</b> , 10, 564-568	0	
6	MS-2 Minimally invasive glioma surgery with navigation system and tubular retractor. <i>Neuro-Oncology Advances</i> , <b>2020</b> , 2, ii2-ii3	0.9	
5	Neurosurgery for brain metastasis from breast cancer.. <i>Translational Cancer Research</i> , <b>2020</b> , 9, 5063-5076.3		
4	Comparative Histologic and Molecular Analysis of 2 Recurrent Lesions Showing Different Magnetic Resonance Imaging Responses After Bevacizumab Treatment: Report of a Case of Anaplastic Astrocytoma. <i>World Neurosurgery</i> , <b>2018</b> , 116, 464-471.e1	2.1	
3	ACT-8 Current status and prospects for the treatment of malignant glioma using cancer gene panel tests. <i>Neuro-Oncology Advances</i> , <b>2021</b> , 3, vi10-vi10	0.9	
2	Pyogenic Ventriculitis After Anterior Skull Base Surgery Treated With Endoscopic Ventricular Irrigation And Reconstruction Using a Vascularized Flap. <i>Acta Medica Okayama</i> , <b>2021</b> , 75, 243-248	0.5	
1	A Trochlear Nerve Schwannoma with Spindle Cells detected by Cerebrospinal Fluid Cytology following Severe Hydrocephalus : A Case Report and Literature Review. <i>Japanese Journal of Neurosurgery</i> , <b>2022</b> , 31, 254-258	0	