

Sueli Shinjo

List of Publications by Year in descending order

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119
papers

15,070
citations

117625
34
h-index

30922
102
g-index

120
all docs

120
docs citations

120
times ranked

25118
citing authors

#	ARTICLE	IF	CITATIONS
1	An Integrated Genomic Analysis of Human Glioblastoma Multiforme. Science, 2008, 321, 1807-1812.	12.6	5,230
2	Detection of Circulating Tumor DNA in Early- and Late-Stage Human Malignancies. Science Translational Medicine, 2014, 6, 224ra24.	12.4	3,665
3	Altered Telomeres in Tumors with <i>ATRX</i> and <i>DAXX</i> Mutations. Science, 2011, 333, 425-425.	12.6	891
4	The Genetic Landscape of the Childhood Cancer Medulloblastoma. Science, 2011, 331, 435-439.	12.6	652
5	Transcriptomic analysis of purified human cortical microglia reveals age-associated changes. Nature Neuroscience, 2017, 20, 1162-1171.	14.8	575
6	Frequent <i>ATRX</i> , <i>CIC</i> , <i>FUBP1</i> and <i>IDH1</i> mutations refine the classification of malignant gliomas. Oncotarget, 2012, 3, 709-722.	1.8	532
7	Mutations in <i>CIC</i> and <i>FUBP1</i> Contribute to Human Oligodendroglioma. Science, 2011, 333, 1453-1455.	12.6	485
8	Detection of tumor-derived DNA in cerebrospinal fluid of patients with primary tumors of the brain and spinal cord. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9704-9709.	7.1	317
9	Therapeutic Impact of Cytoreductive Surgery and Irradiation of Posterior Fossa Ependymoma in the Molecular Era: A Retrospective Multicohort Analysis. Journal of Clinical Oncology, 2016, 34, 2468-2477.	1.6	160
10	PIK3CA Gene Mutations in Pediatric and Adult Glioblastoma Multiforme. Molecular Cancer Research, 2006, 4, 709-714.	3.4	148
11	Selection of suitable housekeeping genes for expression analysis in glioblastoma using quantitative RT-PCR. BMC Molecular Biology, 2009, 10, 17.	3.0	143
12	Maternal embryonic leucine zipper kinase transcript abundance correlates with malignancy grade in human astrocytomas. International Journal of Cancer, 2008, 122, 807-815.	5.1	128
13	Bioinformatics construction of the human cell surfaceome. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16752-16757.	7.1	119
14	Gene expression profile analysis of primary glioblastomas and non-neoplastic brain tissue: identification of potential target genes by oligonucleotide microarray and real-time quantitative PCR. Journal of Neuro-Oncology, 2008, 88, 281-291.	2.9	109
15	Resistance to EGF receptor inhibitors in glioblastoma mediated by phosphorylation of the PTEN tumor suppressor at tyrosine 240. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14164-14169.	7.1	97
16	Correlation of MGMT promoter methylation status with gene and protein expression levels in glioblastoma. Clinics, 2011, 66, 1747-1755.	1.5	84
17	Activation of Neural and Pluripotent Stem Cell Signatures Correlates with Increased Malignancy in Human Glioma. PLoS ONE, 2011, 6, e18454.	2.5	75
18	Exomic Sequencing of Four Rare Central Nervous System Tumor Types. Oncotarget, 2013, 4, 572-583.	1.8	69

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19	Angiogenesis and expression of α PDGF β , α C, α VEGF, α CD105 and α HIF1 α in human glioblastoma. Neuropathology, 2014, 34, 343-352.	1.2	68
20	Decreased AKT1/mTOR pathway mRNA expression in short-term bipolar disorder. European Neuropsychopharmacology, 2015, 25, 468-473.	0.7	65
21	Melanocyte Transformation Associated with Substrate Adhesion Impediment. Neoplasia, 2006, 8, 231-241.	5.3	61
22	Pompe disease in a Brazilian series: clinical and molecular analyses with identification of nine new mutations. Journal of Neurology, 2009, 256, 1881-1890.	3.6	57
23	Leukocyte mitochondrial DNA copy number in bipolar disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 48, 32-35.	4.8	57
24	Disruption of prion protein α HOPE engagement impairs glioblastoma growth and cognitive decline and improves overall survival. Oncogene, 2015, 34, 3305-3314.	5.9	47
25	Identification of novel differentially expressed genes in human astrocytomas by cDNA representational difference analysis. Molecular Brain Research, 2005, 140, 25-33.	2.3	42
26	Galectin α 3 as an Immunohistochemical Tool to Distinguish Pilocytic Astrocytomas from Diffuse Astrocytomas, and Glioblastomas from Anaplastic Oligodendrogliomas. Brain Pathology, 2004, 14, 399-405.	4.1	42
27	Modulation of HJURP (Holliday Junction-Recognizing Protein) Levels Is Correlated with Glioblastoma Cells Survival. PLoS ONE, 2013, 8, e62200.	2.5	41
28	LOX Expression and Functional Analysis in Astrocytomas and Impact of IDH1 Mutation. PLoS ONE, 2015, 10, e0119781.	2.5	40
29	Cancer-testis (CT) antigen expression in medulloblastoma. Cancer Immunity, 2008, 8, 7.	3.2	40
30	Quantitative proteomic analysis shows differentially expressed HSPB1 in glioblastoma as a discriminating short from long survival factor and NOVA1 as a differentiation factor between low-grade astrocytoma and oligodendroglioma. BMC Cancer, 2015, 15, 481.	2.6	39
31	Mitochondrial DNA depletion and its correlation with TFAM, TFB1M, TFB2M and POLG in human diffusely infiltrating astrocytomas. Mitochondrion, 2011, 11, 48-53.	3.4	38
32	Genomic structure and loss of heterozygosity of EPHB2 in colorectal cancer. Cancer Letters, 2001, 164, 97-104.	7.2	37
33	Expression of HOXC9 and E2F2 are up-regulated in CD133+ cells isolated from human astrocytomas and associate with transformation of human astrocytes. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2007, 1769, 437-442.	2.4	36
34	Proteomic analysis of low- to high-grade astrocytomas reveals an alteration of the expression level of raf kinase inhibitor protein and nucleophosmin. Proteomics, 2010, 10, 2812-2821.	2.2	36
35	Pleiotrophin expression in astrocytic and oligodendroglial tumors and its correlation with histological diagnosis, microvascular density, cellular proliferation and overall survival. Journal of Neuro-Oncology, 2007, 84, 255-261.	2.9	29
36	Changes in the expression of proteins associated with aerobic glycolysis and cell migration are involved in tumorigenic ability of two glioma cell lines. Proteome Science, 2012, 10, 53.	1.7	29

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37	Molecular alterations in meningiomas: Literature review. <i>Clinical Neurology and Neurosurgery</i> , 2019, 176, 89-96.	1.4	28
38	Identification of COL6A1 as a differentially expressed gene in human astrocytomas. <i>Genetics and Molecular Research</i> , 2008, 7, 371-378.	0.2	28
39	IDH1 mutations in a Brazilian series of Glioblastoma. <i>Clinics</i> , 2011, 66, 163-165.	1.5	26
40	CoGA: An R Package to Identify Differentially Co-Expressed Gene Sets by Analyzing the Graph Spectra. <i>PLoS ONE</i> , 2015, 10, e0135831.	2.5	25
41	Identification of FAM46D as a novel cancer/testis antigen using EST data and serological analysis. <i>Genomics</i> , 2009, 94, 153-160.	2.9	23
42	Expression of tissue factor signaling pathway elements correlates with the production of vascular endothelial growth factor and interleukin-8 in human astrocytoma patients. <i>Oncology Reports</i> , 2014, 31, 679-686.	2.6	23
43	Serum amyloid A1 is upregulated in human glioblastoma. <i>Journal of Neuro-Oncology</i> , 2017, 132, 383-391.	2.9	23
44	A Transcript Finishing Initiative for Closing Gaps in the Human Transcriptome. <i>Genome Research</i> , 2004, 14, 1413-1423.	5.5	22
45	Transcriptional response to GAA deficiency (Pompe disease) in infantile-onset patients. <i>Molecular Genetics and Metabolism</i> , 2012, 106, 287-300.	1.1	20
46	CTNNB1, AXIN1 and APC expression analysis of different medulloblastoma variants. <i>Clinics</i> , 2013, 68, 167-172.	1.5	20
47	Selection of suitable housekeeping genes for expression analysis in glioblastoma using quantitative RT-PCR. <i>Annals of Neurosciences</i> , 2014, 21, 62-3.	1.7	20
48	Melatonergic system-based two-gene index is prognostic in human gliomas. <i>Journal of Pineal Research</i> , 2016, 60, 84-94.	7.4	20
49	LOXL3 Function Beyond Amino Oxidase and Role in Pathologies, Including Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3587.	4.1	20
50	Helicobacter pylori Seropositivity among 963 Japanese Brazilians According to Sex, Age, Generation, and Lifestyle Factors. <i>Japanese Journal of Cancer Research</i> , 2001, 92, 1150-1156.	1.7	19
51	A comparison of the prevalence of the metabolic syndrome and its components among native Japanese and Japanese Brazilians residing in Japan and Brazil. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2007, 14, 508-514.	2.8	18
52	ICAM-1 (Lys469Glu) and PECAM-1 (Leu125Val) polymorphisms in diffuse astrocytomas. <i>Clinical and Experimental Medicine</i> , 2009, 9, 157-163.	3.6	18
53	Differential Expression of ID4 and Its Association with TP53 Mutation, SOX2, SOX4 and OCT-4 Expression Levels. <i>PLoS ONE</i> , 2013, 8, e61605.	2.5	18
54	A simplified approach using Taqman low-density array for medulloblastoma subgrouping. <i>Acta Neuropathologica Communications</i> , 2019, 7, 33.	5.2	18

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55	ADAM23 methylation and expression analysis in brain tumors. <i>Neuroscience Letters</i> , 2005, 380, 260-264.	2.1	17
56	Intracranial and spinal ependymoma: series at Faculdade de Medicina, Universidade de São Paulo. <i>Arquivos De Neuro-Psiquiatria</i> , 2009, 67, 626-632.	0.8	17
57	ASPM gene expression in medulloblastoma. <i>Child's Nervous System</i> , 2011, 27, 71-74.	1.1	17
58	Stathmin involvement in the maternal embryonic leucine zipper kinase pathway in glioblastoma. <i>Proteome Science</i> , 2016, 14, 6.	1.7	17
59	Detection of somatic TP53 splice site mutations in diffuse astrocytomas. <i>Cancer Letters</i> , 2005, 224, 321-327.	7.2	16
60	CD99 Expression in Glioblastoma Molecular Subtypes and Role in Migration and Invasion. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1137.	4.1	16
61	Methylenetetrahydrofolate reductase gene polymorphism is not related to the risk of ischemic cerebrovascular disease in a Brazilian population. <i>Clinics</i> , 2007, 62, 295-300.	1.5	15
62	SELAdb: A database of exonic variants in a Brazilian population referred to a quaternary medical center in São Paulo. <i>Clinics</i> , 2020, 75, e1913.	1.5	15
63	Glutaminolysis dynamics during astrocytoma progression correlates with tumor aggressiveness. <i>Cancer & Metabolism</i> , 2021, 9, 18.	5.0	14
64	Xenograft Transplantation of Human Malignant Astrocytoma Cells Into Immunodeficient Rats: An Experimental Model of Glioblastoma. <i>Clinics</i> , 2010, 65, 305-309.	1.5	13
65	CXCR7 and CXCR4 Expressions in Infiltrative Astrocytomas and Their Interactions with HIF1 α Expression and IDH1 Mutation. <i>Pathology and Oncology Research</i> , 2015, 21, 229-240.	1.9	13
66	A coordinated approach for the assessment of molecular subgroups in pediatric ependymomas using low-cost methods. <i>Journal of Molecular Medicine</i> , 2021, 99, 1101-1113.	3.9	12
67	Extracellular Matrix Proteome Remodeling in Human Glioblastoma and Medulloblastoma. <i>Journal of Proteome Research</i> , 2021, 20, 4693-4707.	3.7	12
68	Association of Lewis and Secretor gene polymorphisms and <i>Helicobacter pylori</i> seropositivity among Japanese-Brazilians. <i>Journal of Gastroenterology</i> , 2004, 39, 717-723.	5.1	11
69	CD99 is upregulated in placenta and astrocytomas with a differential subcellular distribution according to the malignancy stage. <i>Journal of Neuro-Oncology</i> , 2014, 119, 59-70.	2.9	11
70	Isolation and characterization of novel RECK tumor suppressor gene splice variants. <i>Oncotarget</i> , 2015, 6, 33120-33133.	1.8	11
71	Lower HDL-cholesterol among healthy middle-aged Japanese-Brazilians in São Paulo compared to Natives and Japanese-Brazilians in Japan. <i>European Journal of Epidemiology</i> , 2007, 22, 33-42.	5.7	10
72	Late p65 nuclear translocation in glioblastoma cells indicates non-canonical TLR4 signaling and activation of DNA repair genes. <i>Scientific Reports</i> , 2021, 11, 1333.	3.3	10

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73	Extraneural metastases in medulloblastoma. Arquivos De Neuro-Psiquiatria, 2011, 69, 328-331.	0.8	10
74	Distribution and composition of glycosaminoglycans in the left human coronary arterial branches under myocardial bridge. Atherosclerosis, 1999, 143, 363-368.	0.8	9
75	Activation of EGFR Signaling from Pilocytic Astrocytomas to Glioblastomas. International Journal of Biological Markers, 2014, 29, 120-128.	1.8	9
76	Immunohistochemical expression of cyclin <scp>D1</scp> is higher in supratentorial ependymomas and predicts relapses in gross total resection cases. Neuropathology, 2015, 35, 312-323.	1.2	9
77	A Brazilian family with inclusion body myopathy associated with Pagetâ€™s disease of bone and frontotemporal dementia linked to the VCP pGly97Glu mutation. Clinical Rheumatology, 2018, 37, 1129-1136.	2.2	8
78	Plasmatic membrane toll-like receptor expressions in human astrocytomas. PLoS ONE, 2018, 13, e0199211.	2.5	8
79	Exercise Training Attenuates Ubiquitin-Proteasome Pathway and Increases the Genes Related to Autophagy on the Skeletal Muscle of Patients With Inflammatory Myopathies. Journal of Clinical Rheumatology, 2021, 27, S224-S231.	0.9	8
80	Experimental model of C6 brain tumors in athymic rats. Arquivos De Neuro-Psiquiatria, 2008, 66, 238-241.	0.8	7
81	Urinary Sediment Transcriptomic and Longitudinal Data to Investigate Renal Function Decline in Type 1 Diabetes. Frontiers in Endocrinology, 2020, 11, 238.	3.5	7
82	LOXL3 Silencing Affected Cell Adhesion and Invasion in U87MG Glioma Cells. International Journal of Molecular Sciences, 2021, 22, 8072.	4.1	7
83	Quantitative proteomic analysis and functional studies reveal that nucleophosmin is involved in cell death in glioblastoma cell line transfected with siRNA. Proteomics, 2012, 12, 2632-2640.	2.2	6
84	Serum interleukin-17A level is associated with disease activity of adult patients with dermatomyositis and polymyositis. Clinical and Experimental Rheumatology, 2019, 37, 656-662.	0.8	6
85	CXCR7, CXCR4, and Their Ligand Expression Profile in Traumatic Brain Injury. World Neurosurgery, 2021, 147, e16-e24.	1.3	5
86	Transcriptional profiling of macaque microglia reveals an evolutionary preserved gene expression program. Brain, Behavior, & Immunity - Health, 2021, 15, 100265.	2.5	5
87	Genomic structure of human alpha-pix, and variable deletions in a poly (T) tract in gastric cancer tissue. Cancer Letters, 2001, 164, 69-75.	7.2	4
88	Screening for MELAS mutations in young patients with stroke of undetermined origin. Arquivos De Neuro-Psiquiatria, 2007, 65, 371-376.	0.8	4
89	Angiotensin-converting enzyme insertion/deletion gene polymorphism is associated with dermatomyositis. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2015, 16, 666-671.	1.7	4
90	Correlation between molecular features and genetic subtypes of Glioblastoma: critical analysis in 109 cases. Medical Express, 2017, 4, .	0.2	4

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91	The expression of the aminoacid transporters ASCT2 (SLC1A5) and LAT1 (SLC7A5) in astrocytomas. Medical Express, 2016, 3, .	0.2	4
92	The chromatin remodeler complex ATRX-DAXX-H3.3 and telomere length in meningiomas. Clinical Neurology and Neurosurgery, 2021, 210, 106962.	1.4	4
93	Activation of Hedgehog signaling by the oncogenic RELA fusion reveals a primary cilia-dependent vulnerability in supratentorial ependymoma. Neuro-Oncology, 2023, 25, 185-198.	1.2	4
94	Homozygotic intronic GAA mutation in three siblings with late-onset Pompe's disease. Arquivos De Neuro-Psiquiatria, 2010, 68, 194-197.	0.8	3
95	Comparison between treatment naive juvenile and adult dermatomyositis muscle biopsies: difference of inflammatory cells phenotyping. Advances in Rheumatology, 2018, 58, 37.	1.7	3
96	A novel type of C11orf95-LOC-RELA fusion in a grade II supratentorial ependymoma: report of a case with literature review. Child's Nervous System, 2019, 35, 689-694.	1.1	3
97	Cyclin E1 expression and malignancy in meningiomas. Clinical Neurology and Neurosurgery, 2020, 190, 105647.	1.4	3
98	The impact of interleukin-13 receptor expressions in cell migration of astrocytomas. Medical Express, 2015, 2, .	0.2	2
99	Cellular Model of Malignant Transformation of Primary Human Astrocytes Induced by Deadhesion/Readhesion Cycles. International Journal of Molecular Sciences, 2022, 23, 4471.	4.1	2
100	Factors associated with serum CA19-9 levels among healthy children: a cross-sectional study. BMC Clinical Pathology, 2012, 12, 23.	1.8	1
101	ATRX-DAXX Complex Expression Levels and Telomere Length in Normal Young and Elder Autopsy Human Brains. DNA and Cell Biology, 2019, 38, 955-961.	1.9	1
102	The TP53 p.R337H mutation is uncommon in a Brazilian cohort of pediatric patients diagnosed with ependymoma. Neurological Sciences, 2020, 41, 691-694.	1.9	1
103	P4.52 Transcriptional response to GAA deficiency in mice and humans. Neuromuscular Disorders, 2010, 20, 674.	0.6	0
104	Abstract 2354: Characterization of three novel splice variants of the RECK tumor and metastasis suppressor gene. , 2011, , .		0
105	Abstract B134: Stathmin is involved in the maternal embryonic leucine zipper kinase pathway in human astrocytomas.. , 2013, , .		0
106	Abstract 4607: Stathmin is involved in the maternal embryonic leucine zipper kinase pathway and impacts in the outcome of glioblastoma. , 2014, , .		0
107	Abstract 5594: Cyclin D1 expression correlates with supratentorial location of ependymomas. , 2014, , .		0
108	Abstract 3047: Mitochondrial DNA copy variation and TFAM expression in astrocytoma. , 2015, , .		0

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109	Abstract 66: CD99 functional analysis in glioblastoma by RNAseq. , 2015, , .		0
110	Do cyclin e levels correlate with recurrence in meningioma? Results from an observational study.. Journal of Clinical Oncology, 2016, 34, e23123-e23123.	1.6	0
111	Abstract 3229: Microglia/macrophages activation status in diffuse gliomas. , 2016, , .		0
112	Abstract 1458: Toll-like receptors 1, 2, 4 and 6 expression levels in diffusely infiltrative astrocytomas. , 2016, , .		0
113	Abstract 899: CD99 plays an important role in glioblastoma cell migration. , 2017, , .		0
114	Abstract 2958: Transcriptome analysis of astrocytomaversusnon-neoplastic human microglia. , 2017, , .		0
115	Abstract 1075: CD99 expression in astrocytomas and functional analysis in glioblastoma cell line. , 2018, , .		0
116	Abstract 5378: Whole exome and RNA sequencing identify novel somatic mutations in gangliogliomas. , 2018, , .		0
117	Abstract 3586: Silencing ofGLSiso2(GAC) decreases cell proliferation and induces cell death in glioblastoma cell line. , 2019, , .		0
118	Abstract 2596: Toll like receptor 4 as a potential DNA repair modulator in U87MG-GBM cells. , 2020, , .		0
119	Abstract 5175: Expression profile and role of LOXL3 in astrocytomas. , 2019, , .		0