

Sueli Shinjo

List of Publications by Year in descending order

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119
papers

15,070
citations

117619

34
h-index

30920

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. <i>Science</i> , 2008, 321, 1807-1812.	12.6	5,230
2	Detection of Circulating Tumor DNA in Early- and Late-Stage Human Malignancies. <i>Science Translational Medicine</i> , 2014, 6, 224ra24.	12.4	3,665
3	Altered Telomeres in Tumors with <i>ATRX</i> and <i>DAXX</i> Mutations. <i>Science</i> , 2011, 333, 425-425.	12.6	891
4	The Genetic Landscape of the Childhood Cancer Medulloblastoma. <i>Science</i> , 2011, 331, 435-439.	12.6	652
5	Transcriptomic analysis of purified human cortical microglia reveals age-associated changes. <i>Nature Neuroscience</i> , 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. <i>Oncotarget</i> , 2012, 3, 709-722.	1.8	532
7	Mutations in <i>CIC</i> and <i>FUBP1</i> Contribute to Human Oligodendroglioma. <i>Science</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 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. <i>Journal of Clinical Oncology</i> , 2016, 34, 2468-2477.	1.6	160
10	PIK3CA Gene Mutations in Pediatric and Adult Glioblastoma Multiforme. <i>Molecular Cancer Research</i> , 2006, 4, 709-714.	3.4	148
11	Selection of suitable housekeeping genes for expression analysis in glioblastoma using quantitative RT-PCR. <i>BMC Molecular Biology</i> , 2009, 10, 17.	3.0	143
12	Maternal embryonic leucine zipper kinase transcript abundance correlates with malignancy grade in human astrocytomas. <i>International Journal of Cancer</i> , 2008, 122, 807-815.	5.1	128
13	Bioinformatics construction of the human cell surfaceome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 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. <i>Journal of Neuro-Oncology</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14164-14169.	7.1	97
16	Correlation of MGMT promoter methylation status with gene and protein expression levels in glioblastoma. <i>Clinics</i> , 2011, 66, 1747-1755.	1.5	84
17	Activation of Neural and Pluripotent Stem Cell Signatures Correlates with Increased Malignancy in Human Glioma. <i>PLoS ONE</i> , 2011, 6, e18454.	2.5	75
18	Exomic Sequencing of Four Rare Central Nervous System Tumor Types. <i>Oncotarget</i> , 2013, 4, 572-583.	1.8	69

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19	Angiogenesis and expression of <sc>PDGF</sc>â€<sc>C</sc>, <sc>VEGF</sc>, <sc>CD</sc>105 and <sc>HIF</sc>â€± in human glioblastoma. <i>Neuropathology</i> , 2014, 34, 343-352.	1.2	68
20	Decreased AKT1/mTOR pathway mRNA expression in short-term bipolar disorder. <i>European Neuropsychopharmacology</i> , 2015, 25, 468-473.	0.7	65
21	Melanocyte Transformation Associated with Substrate Adhesion Impediment. <i>Neoplasia</i> , 2006, 8, 231-241.	5.3	61
22	Pompe disease in a Brazilian series: clinical and molecular analyses with identification of nine new mutations. <i>Journal of Neurology</i> , 2009, 256, 1881-1890.	3.6	57
23	Leukocyte mitochondrial DNA copy number in bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 48, 32-35.	4.8	57
24	Disruption of prion proteinâ€HOP engagement impairs glioblastoma growth and cognitive decline and improves overall survival. <i>Oncogene</i> , 2015, 34, 3305-3314.	5.9	47
25	Identification of novel differentially expressed genes in human astrocytomas by cDNA representational difference analysis. <i>Molecular Brain Research</i> , 2005, 140, 25-33.	2.3	42
26	Galectinâ€3 as an Immunohistochemical Tool to Distinguish Pilocytic Astrocytomas from Diffuse Astrocytomas, and Glioblastomas from Anaplastic Oligodendrogliomas. <i>Brain Pathology</i> , 2004, 14, 399-405.	4.1	42
27	Modulation of HJURP (Holliday Junction-Recognizing Protein) Levels Is Correlated with Glioblastoma Cells Survival. <i>PLoS ONE</i> , 2013, 8, e62200.	2.5	41
28	LOX Expression and Functional Analysis in Astrocytomas and Impact of IDH1 Mutation. <i>PLoS ONE</i> , 2015, 10, e0119781.	2.5	40
29	Cancer-testis (CT) antigen expression in medulloblastoma. <i>Cancer Immunity</i> , 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. <i>BMC Cancer</i> , 2015, 15, 481.	2.6	39
31	Mitochondrial DNA depletion and its correlation with TFAM, TFB1M, TFB2M and POLG in human diffusely infiltrating astrocytomas. <i>Mitochondrion</i> , 2011, 11, 48-53.	3.4	38
32	Genomic structure and loss of heterozygosity of EPHB2 in colorectal cancer. <i>Cancer Letters</i> , 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. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2007, 1769, 437-442.	2.4	36
34	Proteomic analysis of lowâ€to highâ€grade astrocytomas reveals an alteration of the expression level of raf kinase inhibitor protein and nucleophosmin. <i>Proteomics</i> , 2010, 10, 2812-2821.	2.2	36
35	Pleiotrophin expression in astrocytic and oligodendroglial tumors and itâ€™s correlation with histological diagnosis, microvascular density, cellular proliferation and overall survival. <i>Journal of Neuro-Oncology</i> , 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. <i>Proteome Science</i> , 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	Identifiication 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 systemâ€¢based twoâ€¢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 Helicobacter pylori 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. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 328-331.	0.8	10
74	Distribution and composition of glycosaminoglycans in the left human coronary arterial branches under myocardial bridge. <i>Atherosclerosis</i> , 1999, 143, 363-368.	0.8	9
75	Activation of EGFR Signaling from Pilocytic Astrocytomas to Glioblastomas. <i>International Journal of Biological Markers</i> , 2014, 29, 120-128.	1.8	9
76	Immunohistochemical expression of cyclin D1 is higher in supratentorial ependymomas and predicts relapses in gross total resection cases. <i>Neuropathology</i> , 2015, 35, 312-323.	1.2	9
77	A Brazilian family with inclusion body myopathy associated with Paget's disease of bone and frontotemporal dementia linked to the VCP pGly97Glu mutation. <i>Clinical Rheumatology</i> , 2018, 37, 1129-1136.	2.2	8
78	Plasmatic membrane toll-like receptor expressions in human astrocytomas. <i>PLoS ONE</i> , 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. <i>Journal of Clinical Rheumatology</i> , 2021, 27, S224-S231.	0.9	8
80	Experimental model of C6 brain tumors in athymic rats. <i>Arquivos De Neuro-Psiquiatria</i> , 2008, 66, 238-241.	0.8	7
81	Urinary Sediment Transcriptomic and Longitudinal Data to Investigate Renal Function Decline in Type 1 Diabetes. <i>Frontiers in Endocrinology</i> , 2020, 11, 238.	3.5	7
82	LOXL3 Silencing Affected Cell Adhesion and Invasion in U87MG Glioma Cells. <i>International Journal of Molecular Sciences</i> , 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. <i>Proteomics</i> , 2012, 12, 2632-2640.	2.2	6
84	Serum interleukin-17A level is associated with disease activity of adult patients with dermatomyositis and polymyositis. <i>Clinical and Experimental Rheumatology</i> , 2019, 37, 656-662.	0.8	6
85	CXCR7, CXCR4, and Their Ligand Expression Profile in Traumatic Brain Injury. <i>World Neurosurgery</i> , 2021, 147, e16-e24.	1.3	5
86	Transcriptional profiling of macaque microglia reveals an evolutionary preserved gene expression program. <i>Brain, Behavior, & Immunity - Health</i> , 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. <i>Cancer Letters</i> , 2001, 164, 69-75.	7.2	4
88	Screening for MELAS mutations in young patients with stroke of undetermined origin. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 371-376.	0.8	4
89	Angiotensin-converting enzyme insertion/deletion gene polymorphism is associated with dermatomyositis. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 666-671.	1.7	4
90	Correlation between molecular features and genetic subtypes of Glioblastoma: critical analysis in 109 cases. <i>Medical Express</i> , 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