

Sueli Shinjo

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

15,070
citations

117453

34
h-index

30848

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. | 6.0 | 5,230 |
| 2 | Detection of Circulating Tumor DNA in Early- and Late-Stage Human Malignancies. <i>Science Translational Medicine</i> , 2014, 6, 224ra24. | 5.8 | 3,665 |
| 3 | Altered Telomeres in Tumors with <i>ATRX</i> and <i>DAXX</i> Mutations. <i>Science</i> , 2011, 333, 425-425. | 6.0 | 891 |
| 4 | The Genetic Landscape of the Childhood Cancer Medulloblastoma. <i>Science</i> , 2011, 331, 435-439. | 6.0 | 652 |
| 5 | Transcriptomic analysis of purified human cortical microglia reveals age-associated changes. <i>Nature Neuroscience</i> , 2017, 20, 1162-1171. | 7.1 | 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. | 0.8 | 532 |
| 7 | Mutations in <i>CIC</i> and <i>FUBP1</i> Contribute to Human Oligodendroglioma. <i>Science</i> , 2011, 333, 1453-1455. | 6.0 | 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. | 3.3 | 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. | 0.8 | 160 |
| 10 | PIK3CA Gene Mutations in Pediatric and Adult Glioblastoma Multiforme. <i>Molecular Cancer Research</i> , 2006, 4, 709-714. | 1.5 | 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. | 2.3 | 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. | 3.3 | 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. | 1.4 | 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. | 3.3 | 97 |
| 16 | Correlation of MGMT promoter methylation status with gene and protein expression levels in glioblastoma. <i>Clinics</i> , 2011, 66, 1747-1755. | 0.6 | 84 |
| 17 | Activation of Neural and Pluripotent Stem Cell Signatures Correlates with Increased Malignancy in Human Glioma. <i>PLoS ONE</i> , 2011, 6, e18454. | 1.1 | 75 |
| 18 | Exomic Sequencing of Four Rare Central Nervous System Tumor Types. <i>Oncotarget</i> , 2013, 4, 572-583. | 0.8 | 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. | 0.7 | 68 |
| 20 | Decreased AKT1/mTOR pathway mRNA expression in short-term bipolar disorder. <i>European Neuropsychopharmacology</i> , 2015, 25, 468-473. | 0.3 | 65 |
| 21 | Melanocyte Transformation Associated with Substrate Adhesion Impediment. <i>Neoplasia</i> , 2006, 8, 231-241. | 2.3 | 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. | 1.8 | 57 |
| 23 | Leukocyte mitochondrial DNA copy number in bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 48, 32-35. | 2.5 | 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. | 2.6 | 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. | 2.5 | 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. | 2.1 | 42 |
| 27 | Modulation of HJURP (Holliday Junction-Recognizing Protein) Levels Is Correlated with Glioblastoma Cells Survival. <i>PLoS ONE</i> , 2013, 8, e62200. | 1.1 | 41 |
| 28 | LOX Expression and Functional Analysis in Astrocytomas and Impact of IDH1 Mutation. <i>PLoS ONE</i> , 2015, 10, e0119781. | 1.1 | 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. | 1.1 | 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. | 1.6 | 38 |
| 32 | Genomic structure and loss of heterozygosity of EPHB2 in colorectal cancer. <i>Cancer Letters</i> , 2001, 164, 97-104. | 3.2 | 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. | 1.3 | 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. | 1.4 | 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. | 0.7 | 29 |

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|----|--|-----|-----------|
| 37 | Molecular alterations in meningiomas: Literature review. <i>Clinical Neurology and Neurosurgery</i> , 2019, 176, 89-96. | 0.6 | 28 |
| 38 | Identifiication of COL6A1 as a differentially expressed gene in human astrocytomas. <i>Genetics and Molecular Research</i> , 2008, 7, 371-378. | 0.3 | 28 |
| 39 | IDH1 mutations in a Brazilian series of Glioblastoma. <i>Clinics</i> , 2011, 66, 163-165. | 0.6 | 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. | 1.1 | 25 |
| 41 | Identification of FAM46D as a novel cancer/testis antigen using EST data and serological analysis. <i>Genomics</i> , 2009, 94, 153-160. | 1.3 | 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. | 1.2 | 23 |
| 43 | Serum amyloid A1 is upregulated in human glioblastoma. <i>Journal of Neuro-Oncology</i> , 2017, 132, 383-391. | 1.4 | 23 |
| 44 | A Transcript Finishing Initiative for Closing Gaps in the Human Transcriptome. <i>Genome Research</i> , 2004, 14, 1413-1423. | 2.4 | 22 |
| 45 | Transcriptional response to GAA deficiency (Pompe disease) in infantile-onset patients. <i>Molecular Genetics and Metabolism</i> , 2012, 106, 287-300. | 0.5 | 20 |
| 46 | CTNNB1, AXIN1 and APC expression analysis of different medulloblastoma variants. <i>Clinics</i> , 2013, 68, 167-172. | 0.6 | 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. | 0.9 | 20 |
| 48 | Melatonergic systemâ€¢based twoâ€¢gene index is prognostic in human gliomas. <i>Journal of Pineal Research</i> , 2016, 60, 84-94. | 3.4 | 20 |
| 49 | LOXL3 Function Beyond Amino Oxidase and Role in Pathologies, Including Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3587. | 1.8 | 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. | 3.1 | 18 |
| 52 | ICAM-1 (Lys469Glu) and PECAM-1 (Leu125Val) polymorphisms in diffuse astrocytomas. <i>Clinical and Experimental Medicine</i> , 2009, 9, 157-163. | 1.9 | 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. | 1.1 | 18 |
| 54 | A simplified approach using Taqman low-density array for medulloblastoma subgrouping. <i>Acta Neuropathologica Communications</i> , 2019, 7, 33. | 2.4 | 18 |

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|----|---|-----|-----------|
| 55 | ADAM23 methylation and expression analysis in brain tumors. <i>Neuroscience Letters</i> , 2005, 380, 260-264. | 1.0 | 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. | 0.3 | 17 |
| 57 | ASPM gene expression in medulloblastoma. <i>Child's Nervous System</i> , 2011, 27, 71-74. | 0.6 | 17 |
| 58 | Stathmin involvement in the maternal embryonic leucine zipper kinase pathway in glioblastoma. <i>Proteome Science</i> , 2016, 14, 6. | 0.7 | 17 |
| 59 | Detection of somatic TP53 splice site mutations in diffuse astrocytomas. <i>Cancer Letters</i> , 2005, 224, 321-327. | 3.2 | 16 |
| 60 | CD99 Expression in Glioblastoma Molecular Subtypes and Role in Migration and Invasion. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1137. | 1.8 | 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. | 0.6 | 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. | 0.6 | 15 |
| 63 | Glutaminolysis dynamics during astrocytoma progression correlates with tumor aggressiveness. <i>Cancer & Metabolism</i> , 2021, 9, 18. | 2.4 | 14 |
| 64 | Xenograft Transplantation of Human Malignant Astrocytoma Cells Into Immunodeficient Rats: An Experimental Model of Glioblastoma. <i>Clinics</i> , 2010, 65, 305-309. | 0.6 | 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. | 0.9 | 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. | 1.7 | 12 |
| 67 | Extracellular Matrix Proteome Remodeling in Human Glioblastoma and Medulloblastoma. <i>Journal of Proteome Research</i> , 2021, 20, 4693-4707. | 1.8 | 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. | 2.3 | 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. | 1.4 | 11 |
| 70 | Isolation and characterization of novel RECK tumor suppressor gene splice variants. <i>Oncotarget</i> , 2015, 6, 33120-33133. | 0.8 | 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. | 2.5 | 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. | 1.6 | 10 |

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|----|--|-----|-----------|
| 73 | Extraneural metastases in medulloblastoma. <i>Arquivos De Neuro-Psiquiatria</i> , 2011, 69, 328-331. | 0.3 | 10 |
| 74 | Distribution and composition of glycosaminoglycans in the left human coronary arterial branches under myocardial bridge. <i>Atherosclerosis</i> , 1999, 143, 363-368. | 0.4 | 9 |
| 75 | Activation of EGFR Signaling from Pilocytic Astrocytomas to Glioblastomas. <i>International Journal of Biological Markers</i> , 2014, 29, 120-128. | 0.7 | 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. | 0.7 | 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. | 1.0 | 8 |
| 78 | Plasmatic membrane toll-like receptor expressions in human astrocytomas. <i>PLoS ONE</i> , 2018, 13, e0199211. | 1.1 | 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. | 0.5 | 8 |
| 80 | Experimental model of C6 brain tumors in athymic rats. <i>Arquivos De Neuro-Psiquiatria</i> , 2008, 66, 238-241. | 0.3 | 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. | 1.5 | 7 |
| 82 | LOXL3 Silencing Affected Cell Adhesion and Invasion in U87MG Glioma Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8072. | 1.8 | 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. | 1.3 | 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. | 0.4 | 6 |
| 85 | CXCR7, CXCR4, and Their Ligand Expression Profile in Traumatic Brain Injury. <i>World Neurosurgery</i> , 2021, 147, e16-e24. | 0.7 | 5 |
| 86 | Transcriptional profiling of macaque microglia reveals an evolutionary preserved gene expression program. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 15, 100265. | 1.3 | 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. | 3.2 | 4 |
| 88 | Screening for MELAS mutations in young patients with stroke of undetermined origin. <i>Arquivos De Neuro-Psiquiatria</i> , 2007, 65, 371-376. | 0.3 | 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. | 1.0 | 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. | 0.6 | 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. | 0.6 | 4 |
| 94 | Homozygotic intronic GAA mutation in three siblings with late-onset Pompe's disease. Arquivos De Neuro-Psiquiatria, 2010, 68, 194-197. | 0.3 | 3 |
| 95 | Comparison between treatment naive juvenile and adult dermatomyositis muscle biopsies: difference of inflammatory cells phenotyping. Advances in Rheumatology, 2018, 58, 37. | 0.8 | 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. | 0.6 | 3 |
| 97 | Cyclin E1 expression and malignancy in meningiomas. Clinical Neurology and Neurosurgery, 2020, 190, 105647. | 0.6 | 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. | 1.8 | 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. | 0.9 | 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. | 0.9 | 1 |
| 103 | P4.52 Transcriptional response to GAA deficiency in mice and humans. Neuromuscular Disorders, 2010, 20, 674. | 0.3 | 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. | 0.8 | 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 |