

Supplement table 1 The 10 most cited papers of research on glioma stem cells from 2012 to 2016

| Title | Journal | First author | Year | Number of institutions | Number of countries | Citation | Document type |
|--|----------------------------|--------------|------|------------------------|---------------------|----------|---------------|
| A restricted cell population propagates glioblastoma growth after chemotherapy | <i>Nature</i> | Chen J | 2012 | 1 | 1 | 1377 | Article |
| Cancer stem cells in glioblastoma | <i>Gene Dev</i> | Lathia JD | 2015 | 2 | 1 | 801 | Review |
| Engineered T cells: the promise and challenges of cancer immunotherapy | <i>Nat Rev Cancer</i> | Fesnak AD | 2016 | 2 | 1 | 599 | Review |
| Glioblastoma Stem Cells Generate Vascular Pericytes to Support Vessel Function and Tumor Growth | <i>Cell</i> | Cheng L | 2013 | 4 | 2 | 519 | Article |
| Single-cell RNA-seq supports a developmental hierarchy in human oligodendroglioma | <i>Nature</i> | Tirosh I | 2016 | 3 | 1 | 440 | Article |
| Periostin secreted by glioblastoma stem cells recruits M2 tumour-associated macrophages and promotes malignant growth | <i>Nat Cell Biol</i> | Zhou WC | 2015 | 3 | 1 | 440 | Article |
| CCAT2, a novel noncoding RNA mapping to 8q24, underlies metastatic progression and chromosomal instability in colon cancer | <i>Genome Res</i> | Ling H | 2013 | 15 | 8 | 439 | Article |
| Mesenchymal glioma stem cells are maintained by activated glycolytic metabolism involving aldehyde dehydrogenase 1A3 | <i>PNAS</i> | Mao P | 2013 | 5 | 3 | 384 | Article |
| Malignant Glioma: Lessons from Genomics, Mouse Models, and Stem Cells | <i>Cell</i> | Chen J | 2012 | 1 | 1 | 366 | Review |
| Glioblastoma multiforme: Pathogenesis and treatment | <i>Pharmacol Therapeut</i> | Alifieris C | 2015 | 1 | 1 | 343 | Review |