

**Supplement table 2 The 10 most cited papers of research on glioma stem cells from 2017 to 2021**

| Title                                                                                                                              | Journal                   | First author   | Year | Number of institutions | Number of countries | Citation | Document type |
|------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------|------|------------------------|---------------------|----------|---------------|
| The Microenvironmental Landscape of Brain Tumors                                                                                   | <i>Cancer Cell</i>        | Quail DF       | 2017 | 2                      | 2                   | 594      | Article       |
| m(6)A RNA Methylation Regulates the Self-Renewal and Tumorigenesis of Glioblastoma Stem Cells                                      | <i>Cell Rep</i>           | Cui Q          | 2017 | 4                      | 2                   | 581      | Article       |
| Current state of immunotherapy for glioblastoma                                                                                    | <i>Nat Rev Clin Oncol</i> | Lim M          | 2018 | 2                      | 2                   | 416      | Review        |
| Every step of the way: integrins in cancer progression and metastasis                                                              | <i>Nat Rev Cancer</i>     | Hamidi H       | 2018 | 2                      | 1                   | 288      | Review        |
| Packaging and transfer of mitochondrial DNA via exosomes regulate escape from dormancy in hormonal therapy-resistant breast cancer | <i>PNAS</i>               | Sansone P      | 2017 | 7                      | 4                   | 281      | Article       |
| Intra-tumor heterogeneity from a cancer stem cell perspective                                                                      | <i>Mol Cancer</i>         | Prasetyanti PR | 2017 | 4                      | 1                   | 251      | Review        |
| Macrophage Polarization Contributes to Glioblastoma Eradication by Combination Immunovirotherapy and Immune Checkpoint Blockade    | <i>Cancer Cell</i>        | Saha D         | 2017 | 3                      | 1                   | 250      | Article       |
| Coding and noncoding landscape of extracellular RNA released by human glioma stem cells                                            | <i>Nat Commun</i>         | Wei ZY         | 2017 | 10                     | 4                   | 225      | Article       |
| Tumor-derived spheroids: Relevance to cancer stem cells and clinical applications                                                  | <i>Cancer Sci</i>         | Ishiguro T     | 2017 | 2                      | 1                   | 216      | Review        |
| Overcoming therapeutic resistance in glioblastoma: the way forward                                                                 | <i>J Clin Invest</i>      | Osuka S        | 2017 | 1                      | 1                   | 206      | Review        |