Laura A Johnson

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Tumor antigen–specific CD8 T cells infiltrating the tumor express high levels of PD-1 and are functionally impaired. Blood, 2009, 114, 1537-1544. | 1.4 | 1,481 |
| 2 | Gene therapy with human and mouse T-cell receptors mediates cancer regression and targets normal tissues expressing cognate antigen. Blood, 2009, 114, 535-546. | 1.4 | 1,280 |
| 3 | Engineered CAR T Cells Targeting the Cancer-Associated Tn-Glycoform of the Membrane Mucin MUC1 Control Adenocarcinoma. Immunity, 2016, 44, 1444-1454. | 14.3 | 458 |
| 4 | Targeting Fibroblast Activation Protein in Tumor Stroma with Chimeric Antigen Receptor T Cells Can Inhibit Tumor Growth and Augment Host Immunity without Severe Toxicity. Cancer Immunology Research, 2014, 2, 154-166. | 3.4 | 448 |
| 5 | Rational development and characterization of humanized anti–EGFR variant III chimeric antigen receptor T cells for glioblastoma. Science Translational Medicine, 2015, 7, 275ra22. | 12.4 | 369 |
| 6 | Single and Dual Amino Acid Substitutions in TCR CDRs Can Enhance Antigen-Specific T Cell Functions. Journal of Immunology, 2008, 180, 6116-6131. | 0.8 | 319 |
| 7 | Gene Transfer of Tumor-Reactive TCR Confers Both High Avidity and Tumor Reactivity to Nonreactive Peripheral Blood Mononuclear Cells and Tumor-Infiltrating Lymphocytes. Journal of Immunology, 2006, 177, 6548-6559. | 0.8 | 287 |
| 8 | Human effector CD8+ T cells derived from naive rather than memory subsets possess superior traits for adoptive immunotherapy. Blood, 2011, 117, 808-814. | 1.4 | 272 |
| 9 | Recognition of Glioma Stem Cells by Genetically Modified T Cells Targeting EGFRvIII and Development of Adoptive Cell Therapy for Glioma. Human Gene Therapy, 2012, 23, 1043-1053. | 2.7 | 266 |
| 10 | EGFRvIII mCAR-Modified T-Cell Therapy Cures Mice with Established Intracerebral Glioma and Generates Host Immunity against Tumor-Antigen Loss. Clinical Cancer Research, 2014, 20, 972-984. | 7.0 | 254 |
| 11 | Driving gene-engineered T cell immunotherapy of cancer. Cell Research, 2017, 27, 38-58. | 12.0 | 232 |
| 12 | T-cell receptor affinity and avidity defines antitumor response and autoimmunity in T-cell immunotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6973-6978. | 7.1 | 203 |
| 13 | Checkpoint Blockade Reverses Anergy in IL-13Rα2 Humanized scFv-Based CAR T Cells to Treat Murine and Canine Gliomas. Molecular Therapy - Oncolytics, 2018, 11, 20-38. | 4.4 | 123 |
| 14 | Engineered T cells for cancer therapy. Cancer Immunology, Immunotherapy, 2014, 63, 969-975. | 4.2 | 105 |
| 15 | EGFRvIII-Specific Chimeric Antigen Receptor T Cells Migrate to and Kill Tumor Deposits Infiltrating the Brain Parenchyma in an Invasive Xenograft Model of Glioblastoma. PLoS ONE, 2014, 9, e94281. | 2.5 | 99 |
| 16 | Structures of MART-126/27–35 Peptide/HLA-A2 Complexes Reveal a Remarkable Disconnect between Antigen Structural Homology and T Cell Recognition. Journal of Molecular Biology, 2007, 372, 1123-1136. | 4.2 | 90 |
| 17 | Ocular and Systemic Autoimmunity after Successful Tumor-Infiltrating Lymphocyte Immunotherapy for Recurrent, Metastatic Melanoma. Ophthalmology, 2009, 116, 981-989.e1. | 5.2 | 88 |
| 18 | Recognition and Killing of Autologous, Primary Glioblastoma Tumor Cells by Human Cytomegalovirus pp65-Specific Cytotoxic T Cells. Clinical Cancer Research, 2014, 20, 2684-2694. | 7.0 | 74 |

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|----|--|-----|-----------|
| 19 | 2 <scp>D TCR</scp> –p <scp>MHC</scp> – <scp>CD</scp> 8 kinetics determines <scp>T</scp> â€cell responses in a selfâ€antigenâ€specific <scp>TCR</scp> system. European Journal of Immunology, 2014, 44, 239-250. | 2.9 | 57 |
| 20 | Myeloablative Temozolomide Enhances CD8+ T-Cell Responses to Vaccine and Is Required for Efficacy against Brain Tumors in Mice. PLoS ONE, 2013, 8, e59082. | 2.5 | 56 |
| 21 | Immunotherapy Approaches for Malignant Glioma From 2007 to 2009. Current Neurology and Neuroscience Reports, 2010, 10, 259-266. | 4.2 | 41 |
| 22 | Specific Increase in Potency via Structure-Based Design of a TCR. Journal of Immunology, 2014, 193, 2587-2599. | 0.8 | 39 |
| 23 | Enhanced receptor expression and in vitro effector function of a murine-human hybrid MART-1-reactive T cell receptor following a rapid expansion. Cancer Immunology, Immunotherapy, 2010, 59, 1551-1560. | 4.2 | 35 |
| 24 | Engineering improved T cell receptors using an alanine-scan guided T cell display selection system. Journal of Immunological Methods, 2013, 392, 1-11. | 1.4 | 28 |
| 25 | Ex vivo generation of dendritic cells from cryopreserved, post-induction chemotherapy, mobilized leukapheresis from pediatric patients with medulloblastoma. Journal of Neuro-Oncology, 2015, 125, 65-74. | 2.9 | 22 |
| 26 | Antibody, T-cell and dendritic cell immunotherapy for malignant brain tumors. Future Oncology, 2013, 9, 977-990. | 2.4 | 21 |
| 27 | Rapid Production of Clinical-Grade Gammaretroviral Vectors in Expanded Surface Roller Bottles Using a "Modified―Step-Filtration Process for Clearance of Packaging Cells. Human Gene Therapy, 2011, 22, 107-115. | 2.7 | 18 |
| 28 | Molecular imaging biomarkers for cell-based immunotherapies. Journal of Translational Medicine, 2017, 15, 140. | 4.4 | 11 |
| 29 | Chimeric antigen receptor engineered T cells can eliminate brain tumors and initiate long-term protection against recurrence. Oncolmmunology, 2014, 3, e944059. | 4.6 | 8 |
| 30 | Model T Muscle CARs Can Treat Brain Tumors. Clinical Cancer Research, 2012, 18, 5834-5836. | 7.0 | 2 |
| 31 | Engineering the immune response to "self" for effective cancer immunotherapy. , 2014, 2, P22. | | 0 |
| 32 | Toward Engineered Cells as Transformational and Broadly Available Medicines for the Treatment of Cancer. , 2018, , 695-717. | | 0 |
| 33 | Glycopeptide-Specific Chimeric Antigen Receptor Targeting of T Cell Leukemia. Blood, 2014, 124, 4803-4803. | 1.4 | Ο |