# Gregory Z Ferl

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 23 papers | 623 citations | 706676 14 h-index | 721071 23 g-index |
| 24 all docs | 24 docs citations | 24 times ranked | 962 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Valency of HER2 Targeting Antibodies Influences Tumor Cell Internalization and Penetration. Molecular Cancer Therapeutics, 2021, 20, 1956-1965. | 1.9 | 2 |
| 2 | Imaging Reveals Importance of Shape and Flexibility for Glomerular Filtration of Biologics. Molecular Cancer Therapeutics, 2021, 20, 2008-2015. | 1.9 | 7 |
| 3 | Effect of Modulating FcRn Binding on Direct and Pretargeted Tumor Uptake of Full-length Antibodies. Molecular Cancer Therapeutics, 2020, 19, 1052-1058. | 1.9 | 4 |
| 4 | VCAM-1 Density and Tumor Perfusion Predict T-cell Infiltration and Treatment Response in Preclinical Models. Neoplasia, 2019, 21, 1036-1050. | 2.3 | 17 |
| 5 | Biodistribution and efficacy of an anti-TENB2 antibody-drug conjugate in a patient-derived model of prostate cancer. Oncotarget, 2019, 10, 6234-6244. | 0.8 | 11 |
| 6 | A Preclinical Population Pharmacokinetic Model for Antiâ€CD20/CD3 Tâ€Cellâ€Dependent Bispecific Antibodies. Clinical and Translational Science, 2018, 11, 296-304. | 1.5 | 22 |
| 7 | Tissue Physiology of Cynomolgus Monkeys: Cross-Species Comparison and Implications for Translational Pharmacology. AAPS Journal, 2018, 20, 107. | 2.2 | 19 |
| 8 | Physiologically based pharmacokinetic models of small molecules and therapeutic antibodies: a miniâ€review on fundamental concepts and applications. Biopharmaceutics and Drug Disposition, 2016, 37, 75-92. | 1.1 | 40 |
| 9 | Mixedâ€effects modeling of clinical DCEâ€MRI data: Application to colorectal liver metastases treated with bevacizumab. Journal of Magnetic Resonance Imaging, 2015, 41, 132-141. | 1.9 | 9 |
| 10 | GPU-Accelerated Compartmental Modeling Analysis of DCE-MRI Data from Glioblastoma Patients Treated with Bevacizumab. PLoS ONE, 2015, 10, e0118421. | 1.1 | 4 |
| 11 | GPU-accelerated nonparametric kinetic analysis of DCE-MRI data from glioblastoma patients treated with bevacizumab. Magnetic Resonance Imaging, 2013, 31, 618-623. | 1.0 | 7 |
| 12 | Quantification of Antiangiogenic and Antivascular Drug Activity by Kinetic Analysis of DCE-MRI Data. Clinical Pharmacology and Therapeutics, 2012, 92, 118-124. | 2.3 | 16 |
| 13 | Effects of Anti-VEGF on Predicted Antibody Biodistribution: Roles of Vascular Volume, Interstitial Volume, and Blood Flow. PLoS ONE, 2011, 6, e17874. | 1.1 | 31 |
| 14 | DATforDCEMRI: AnRPackage for Deconvolution Analysis and Visualization of DCE-MRI Data. Journal of Statistical Software, 2011, 44, . | 1.8 | 7 |
| 15 | An automated method for nonparametric kinetic analysis of clinical DCEâ€MRI data: Application to glioblastoma treated with bevacizumab. Magnetic Resonance in Medicine, 2010, 63, 1366-1375. | 1.9 | 33 |
| 16 | Development and Evaluation of a Novel Method for Preclinical Measurement of Tissue Vascular Volume. Molecular Pharmaceutics, 2010, 7, 1848-1857. | 2.3 | 23 |
| 17 | Derivation of a Compartmental Model for Quantifying 64Cu-DOTA-RGD Kinetics in Tumor-Bearing Mice. Journal of Nuclear Medicine, 2009, 50, 250-258. | 2.8 | 33 |
| 18 | Estimation of the 18F-FDG Input Function in Mice by Use of Dynamic Small-Animal PET and Minimal Blood Sample Data. Journal of Nuclear Medicine, 2007, 48, 2037-2045. | 2.8 | 64 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A two-tiered physiologically based model for dually labeled single-chain Fv-Fc antibody fragments. Molecular Cancer Therapeutics, 2006, 5, 1550-1558. | 1.9 | 57 |
| 20 | A Predictive Model of Therapeutic Monoclonal Antibody Dynamics and Regulation by the Neonatal Fc Receptor (FcRn). Annals of Biomedical Engineering, 2005, 33, 1640-1652. | 1.3 | 128 |
| 21 | A phosphorylation site in Bruton's tyrosine kinase selectively regulates B cell calcium signaling efficiency by altering phospholipase C-Â activation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 14180-14185. | 3.3 | 15 |
| 22 | Extending the utility of gene profiling data by bridging microarray platforms. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10585-10587. | 3.3 | 13 |
| 23 | Phosphoinositide 3-kinase and Bruton's tyrosine kinase regulate overlapping sets of genes in B lymphocytes. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 359-364. | 3.3 | 61 |