

Katherine Stemke Stemke-Hale

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

10,289
citations

159585

30
h-index

302126

39
g-index

39
all docs

39
docs citations

39
times ranked

16472
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | The RAC1 P29S Hotspot Mutation in Melanoma Confers Resistance to Pharmacological Inhibition of RAF. <i>Cancer Research</i> , 2014, 74, 4845-4852. | 0.9 | 148 |
| 2 | A Comprehensive Evaluation of Biomarkers Predictive of Response to PI3K Inhibitors and of Resistance Mechanisms in Head and Neck Squamous Cell Carcinoma. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 2738-2750. | 4.1 | 72 |
| 3 | A functional proteogenomic analysis of endometrioid and clear cell carcinomas using reverse phase protein array and mutation analysis: protein expression is histotype-specific and loss of ARID1A/BAF250a is associated with AKT phosphorylation. <i>BMC Cancer</i> , 2014, 14, 120. | 2.6 | 68 |
| 4 | Antibody-independent isolation of circulating tumor cells by continuous-flow dielectrophoresis. <i>Biomicrofluidics</i> , 2013, 7, 11807. | 2.4 | 186 |
| 5 | Correlations between the dielectric properties and exterior morphology of cells revealed by dielectrophoretic field-flow fractionation. <i>Electrophoresis</i> , 2013, 34, 1042-1050. | 2.4 | 143 |
| 6 | Dielectrophoresis has broad applicability to marker-free isolation of tumor cells from blood by microfluidic systems. <i>Biomicrofluidics</i> , 2013, 7, 11808. | 2.4 | 101 |
| 7 | Frequency of mutations and polymorphisms in borderline ovarian tumors of known cancer genes. <i>Modern Pathology</i> , 2013, 26, 544-552. | 5.5 | 13 |
| 8 | Gene Expression Profiling of Ampullary Carcinomas Classifies Ampullary Carcinomas into Biliary-Like and Intestinal-Like Subtypes That Are Prognostic of Outcome. <i>PLoS ONE</i> , 2013, 8, e65144. | 2.5 | 50 |
| 9 | Correlation of NRAS Mutations With Clinical Response to High-dose IL-2 in Patients With Advanced Melanoma. <i>Journal of Immunotherapy</i> , 2012, 35, 66-72. | 2.4 | 111 |
| 10 | Whole-exome sequencing combined with functional genomics reveals novel candidate driver cancer genes in endometrial cancer. <i>Genome Research</i> , 2012, 22, 2120-2129. | 5.5 | 206 |
| 11 | A Landscape of Driver Mutations in Melanoma. <i>Cell</i> , 2012, 150, 251-263. | 28.9 | 2,247 |
| 12 | Systematic analysis of genotype-specific drug responses in cancer. <i>International Journal of Cancer</i> , 2012, 131, 2456-2464. | 5.1 | 28 |
| 13 | Detection algorithm for the validation of human cell lines. <i>International Journal of Cancer</i> , 2012, 131, E1024-30. | 5.1 | 13 |
| 14 | Profiling of residual breast cancers after neoadjuvant chemotherapy identifies DUSP4 deficiency as a mechanism of drug resistance. <i>Nature Medicine</i> , 2012, 18, 1052-1059. | 30.7 | 219 |
| 15 | Mutation profiling identifies numerous rare drug targets and distinct mutation patterns in different clinical subtypes of breast cancers. <i>Breast Cancer Research and Treatment</i> , 2012, 134, 333-343. | 2.5 | 106 |
| 16 | Perifosine plus docetaxel in patients with platinum and taxane resistant or refractory high-grade epithelial ovarian cancer. <i>Gynecologic Oncology</i> , 2012, 126, 47-53. | 1.4 | 74 |
| 17 | Interactions between tumor cells and microenvironment in breast cancer: A new opportunity for targeted therapy. <i>Cancer Science</i> , 2012, 103, 400-407. | 3.9 | 18 |
| 18 | Dynamic physical properties of dissociated tumor cells revealed by dielectrophoretic field-flow fractionation. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 850. | 1.3 | 58 |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Exome sequencing identifies GRIN2A as frequently mutated in melanoma. <i>Nature Genetics</i> , 2011, 43, 442-446. | 21.4 | 449 |
| 20 | <i>ZNF668</i> Functions as a Tumor Suppressor by Regulating p53 Stability and Function in Breast Cancer. <i>Cancer Research</i> , 2011, 71, 6524-6534. | 0.9 | 26 |
| 21 | Exon capture analysis of G protein-coupled receptors identifies activating mutations in GRM3 in melanoma. <i>Nature Genetics</i> , 2011, 43, 1119-1126. | 21.4 | 133 |
| 22 | Incidence and Outcome of <i>BRCA</i> Mutations in Unselected Patients with Triple Receptor-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2011, 17, 1082-1089. | 7.0 | 487 |
| 23 | PI3K Pathway Mutations and PTEN Levels in Primary and Metastatic Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1093-1101. | 4.1 | 204 |
| 24 | High Frequency of <i>PIK3R1</i> and <i>PIK3R2</i> Mutations in Endometrial Cancer Elucidates a Novel Mechanism for Regulation of PTEN Protein Stability. <i>Cancer Discovery</i> , 2011, 1, 170-185. | 9.4 | 419 |
| 25 | Recombinant Human Erythropoietin Antagonizes Trastuzumab Treatment of Breast Cancer Cells via Jak2-Mediated Src Activation and PTEN Inactivation. <i>Cancer Cell</i> , 2010, 18, 423-435. | 16.8 | 129 |
| 26 | Characterization of a Naturally Occurring Breast Cancer Subset Enriched in Epithelial-to-Mesenchymal Transition and Stem Cell Characteristics. <i>Cancer Research</i> , 2009, 69, 4116-4124. | 0.9 | 768 |
| 27 | Activity of dasatinib against <i>L576P KIT</i> mutant melanoma: Molecular, cellular, and clinical correlates. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 2079-2085. | 4.1 | 178 |
| 28 | Androgen Receptor Levels and Association with PIK3CA Mutations and Prognosis in Breast Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 2472-2478. | 7.0 | 185 |
| 29 | Integrative Analysis of Cyclin Protein Levels Identifies Cyclin B1 as a Classifier and Predictor of Outcomes in Breast Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 3654-3662. | 7.0 | 121 |
| 30 | Integrated Molecular and Clinical Analysis of AKT Activation in Metastatic Melanoma. <i>Clinical Cancer Research</i> , 2009, 15, 7538-7546. | 7.0 | 221 |
| 31 | AKT-Independent Signaling Downstream of Oncogenic PIK3CA Mutations in Human Cancer. <i>Cancer Cell</i> , 2009, 16, 21-32. | 16.8 | 472 |
| 32 | An Integrative Genomic and Proteomic Analysis of PIK3CA, PTEN, and AKT Mutations in Breast Cancer. <i>Cancer Research</i> , 2008, 68, 6084-6091. | 0.9 | 916 |
| 33 | A Functional Genetic Approach Identifies the PI3K Pathway as a Major Determinant of Trastuzumab Resistance in Breast Cancer. <i>Cancer Cell</i> , 2007, 12, 395-402. | 16.8 | 1,471 |
| 34 | Molecular screening for breast cancer prevention, early detection, and treatment planning: Combining biomarkers from DNA, RNA, and protein. <i>Current Oncology Reports</i> , 2006, 8, 484-491. | 4.0 | 10 |
| 35 | Expression Library Immunization: a Road Map for Discovery of Vaccines against Infectious Diseases. <i>Infection and Immunity</i> , 2005, 73, 7089-7098. | 2.2 | 16 |
| 36 | Screening the whole genome of a pathogen in vivo for individual protective antigens. <i>Vaccine</i> , 2005, 23, 3016-3025. | 3.8 | 32 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | A Library-Selected, Langerhans Cell-Targeting Peptide Enhances an Immune Response. <i>DNA and Cell Biology</i> , 2004, 23, 742-752. | 1.9 | 34 |
| 38 | Direct Association between the Yeast Rad51 and Rad54 Recombination Proteins. <i>Journal of Biological Chemistry</i> , 1996, 271, 33181-33186. | 3.4 | 153 |