

Max S Wicha

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

204
papers

37,963
citations

72
h-index

194
g-index

217
ext. papers

42,097
ext. citations

9
avg, IF

7.22
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 204 | Efficacy of an ALDH peptide-based dendritic cell vaccine targeting cancer stem cells.. <i>Cancer Immunology, Immunotherapy</i> , 2022 , 1 | 7.4 | 2 |
| 203 | In Vitro Quantification of Cancer Stem Cells Using a Mammosphere Formation Assay.. <i>Methods in Molecular Biology</i> , 2022 , 2429, 509-513 | 1.4 | |
| 202 | Functional organization of the maternal and paternal human 4D Nucleome. <i>IScience</i> , 2021 , 24, 103452 | 6.1 | 4 |
| 201 | Mitochondrial complex II in intestinal epithelial cells regulates T cell-mediated immunopathology. <i>Nature Immunology</i> , 2021 , 22, 1440-1451 | 19.1 | 6 |
| 200 | Breast cancer dormancy: need for clinically relevant models to address current gaps in knowledge. <i>Npj Breast Cancer</i> , 2021 , 7, 66 | 7.8 | 8 |
| 199 | Disease-induced immunomodulation at biomaterial scaffolds detects early pancreatic cancer in a spontaneous model. <i>Biomaterials</i> , 2021 , 269, 120632 | 15.6 | 4 |
| 198 | Multiethnic PDX models predict a possible immune signature associated with TNBC of African ancestry. <i>Breast Cancer Research and Treatment</i> , 2021 , 186, 391-401 | 4.4 | 2 |
| 197 | Targeting cancer stem cells integrin β . <i>Oncotarget</i> , 2021 , 12, 1850-1858 | 3.3 | 1 |
| 196 | The Roles of the Let-7 Family of MicroRNAs in the Regulation of Cancer Stemness. <i>Cells</i> , 2021 , 10, | 7.9 | 6 |
| 195 | A randomized, placebo-controlled phase 2 study of paclitaxel in combination with reparixin compared to paclitaxel alone as front-line therapy for metastatic triple-negative breast cancer (fRida). <i>Breast Cancer Research and Treatment</i> , 2021 , 190, 265-275 | 4.4 | 6 |
| 194 | EMP2 Is a Novel Regulator of Stemness in Breast Cancer Cells. <i>Molecular Cancer Therapeutics</i> , 2020 , 19, 1682-1695 | 6.1 | 2 |
| 193 | Hybrid Stem Cell States: Insights Into the Relationship Between Mammary Development and Breast Cancer Using Single-Cell Transcriptomics. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 288 | 5.7 | 12 |
| 192 | Cellular, transcriptomic and isoform heterogeneity of breast cancer cell line revealed by full-length single-cell RNA sequencing. <i>Computational and Structural Biotechnology Journal</i> , 2020 , 18, 676-685 | 6.8 | 16 |
| 191 | Utility of Liquid Biopsy Analysis in Detection of Hepatocellular Carcinoma, Determination of Prognosis, and Disease Monitoring: A Systematic Review. <i>Clinical Gastroenterology and Hepatology</i> , 2020 , 18, 2879-2902.e9 | 6.9 | 18 |
| 190 | Metastatic Conditioning of Myeloid Cells at a Subcutaneous Synthetic Niche Reflects Disease Progression and Predicts Therapeutic Outcomes. <i>Cancer Research</i> , 2020 , 80, 602-612 | 10.1 | 17 |
| 189 | High-Throughput Label-Free Isolation of Heterogeneous Circulating Tumor Cells and CTC Clusters from Non-Small-Cell Lung Cancer Patients. <i>Cancers</i> , 2020 , 12, | 6.6 | 35 |
| 188 | Increased Expression of Interleukin-1 Receptor Characterizes Anti-estrogen-Resistant ALDH Breast Cancer Stem Cells. <i>Stem Cell Reports</i> , 2020 , 15, 307-316 | 8 | 16 |

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| 187 | Cancer Immunotherapy via Targeting Cancer Stem Cells Using Vaccine Nanodiscs. <i>Nano Letters</i> , 2020 , 20, 7783-7792 | 11.5 | 24 |
| 186 | Integrin β -Targeted Cancer Immunotherapies Inhibit Tumor Growth and Decrease Metastasis. <i>Cancer Research</i> , 2020 , 80, 771-783 | 10.1 | 17 |
| 185 | Plasticity and Potency of Mammary Stem Cell Subsets During Mammary Gland Development. <i>International Journal of Molecular Sciences</i> , 2019 , 20, | 6.3 | 6 |
| 184 | Hydro-Seq enables contamination-free high-throughput single-cell RNA-sequencing for circulating tumor cells. <i>Nature Communications</i> , 2019 , 10, 2163 | 17.4 | 103 |
| 183 | Biomaterial Scaffolds Recruit an Aggressive Population of Metastatic Tumor Cells. <i>Cancer Research</i> , 2019 , 79, 2042-2053 | 10.1 | 19 |
| 182 | Primary tumor-induced immunity eradicates disseminated tumor cells in syngeneic mouse model. <i>Nature Communications</i> , 2019 , 10, 1430 | 17.4 | 43 |
| 181 | The Role of Lineage Plasticity in Prostate Cancer Therapy Resistance. <i>Clinical Cancer Research</i> , 2019 , 25, 6916-6924 | 12.9 | 94 |
| 180 | Dietary polyunsaturated fatty acids modulate adipose secretome and is associated with changes in mammary epithelial stem cell self-renewal. <i>Journal of Nutritional Biochemistry</i> , 2019 , 71, 45-53 | 6.3 | 5 |
| 179 | Precision health for breast cancer metastasis: biomaterial scaffolds as an engineered metastatic niche to define, study, and monitor metastatic progression. <i>Oncoscience</i> , 2019 , 6, 380-382 | 0.8 | 2 |
| 178 | Single-cell RNA-sequencing of migratory breast cancer cells: discovering genes associated with cancer metastasis. <i>Analyst, The</i> , 2019 , 144, 7296-7309 | 5 | 26 |
| 177 | The pleiotropic effects of TNF α in breast cancer subtypes is regulated by TNFAIP3/A20. <i>Oncogene</i> , 2019 , 38, 469-482 | 9.2 | 15 |
| 176 | Targeting Cancer Stem Cell Redox Metabolism to Enhance Therapy Responses. <i>Seminars in Radiation Oncology</i> , 2019 , 29, 42-54 | 5.5 | 30 |
| 175 | Characterizing Circulating Tumor Cells Isolated from Metastatic Breast Cancer Patients Using Graphene Oxide Based Microfluidic Assay. <i>Advanced Biology</i> , 2019 , 3, e1800278 | 3.5 | 13 |
| 174 | Ablation of Cancer Stem Cells by Therapeutic Inhibition of the MDM2-p53 Interaction in Mucoepidermoid Carcinoma. <i>Clinical Cancer Research</i> , 2019 , 25, 1588-1600 | 12.9 | 13 |
| 173 | Identification, isolation and characterization of human LGR5-positive colon adenoma cells. <i>Development (Cambridge)</i> , 2018 , 145, | 6.6 | 42 |
| 172 | Modeling of Interactions between Cancer Stem Cells and their Microenvironment: Predicting Clinical Response. <i>Methods in Molecular Biology</i> , 2018 , 1711, 333-349 | 1.4 | 7 |
| 171 | Transcriptional profiles of different states of cancer stem cells in triple-negative breast cancer. <i>Molecular Cancer</i> , 2018 , 17, 65 | 42.1 | 31 |
| 170 | Asparagine and Glutamine: Co-conspirators Fueling Metastasis. <i>Cell Metabolism</i> , 2018 , 27, 947-949 | 24.6 | 35 |

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| 169 | Heterogeneity of Human Breast Stem and Progenitor Cells as Revealed by Transcriptional Profiling. <i>Stem Cell Reports</i> , 2018 , 10, 1596-1609 | 8 | 72 |
| 168 | IL6 blockade potentiates the anti-tumor effects of secretase inhibitors in Notch3-expressing breast cancer. <i>Cell Death and Differentiation</i> , 2018 , 25, 330-339 | 12.7 | 30 |
| 167 | Host expression of PD-L1 determines efficacy of PD-L1 pathway blockade-mediated tumor regression. <i>Journal of Clinical Investigation</i> , 2018 , 128, 805-815 | 15.9 | 252 |
| 166 | FGFR signaling regulates resistance of head and neck cancer stem cells to cisplatin. <i>Oncotarget</i> , 2018 , 9, 25148-25165 | 3.3 | 25 |
| 165 | Androgen Receptor and ALDH1 Expression Among Internationally Diverse Patient Populations. <i>Journal of Global Oncology</i> , 2018 , 4, 1-8 | 2.6 | 6 |
| 164 | Profiling Heterogeneous Circulating Tumor Cells (CTC) Populations in Pancreatic Cancer Using a Serial Microfluidic CTC Carpet Chip. <i>Advanced Biology</i> , 2018 , 2, 1800228 | 3.5 | 10 |
| 163 | Divergent Matrix-Remodeling Strategies Distinguish Developmental from Neoplastic Mammary Epithelial Cell Invasion Programs. <i>Developmental Cell</i> , 2018 , 47, 145-160.e6 | 10.2 | 31 |
| 162 | Targeting LRP8 inhibits breast cancer stem cells in triple-negative breast cancer. <i>Cancer Letters</i> , 2018 , 438, 165-173 | 9.9 | 16 |
| 161 | Aerobic Glycolysis Controls Myeloid-Derived Suppressor Cells and Tumor Immunity via a Specific CEBPB Isoform in Triple-Negative Breast Cancer. <i>Cell Metabolism</i> , 2018 , 28, 87-103.e6 | 24.6 | 140 |
| 160 | Targeting Breast Cancer Stem Cell State Equilibrium through Modulation of Redox Signaling. <i>Cell Metabolism</i> , 2018 , 28, 69-86.e6 | 24.6 | 171 |
| 159 | Single Amino Acid Variant Profiles of Subpopulations in the MCF-7 Breast Cancer Cell Line. <i>Journal of Proteome Research</i> , 2017 , 16, 842-851 | 5.6 | 9 |
| 158 | Microfluidic continuum sorting of sub-populations of tumor cells via surface antibody expression levels. <i>Lab on A Chip</i> , 2017 , 17, 1349-1358 | 7.2 | 22 |
| 157 | Sulforaphane enhances the anticancer activity of taxanes against triple negative breast cancer by killing cancer stem cells. <i>Cancer Letters</i> , 2017 , 394, 52-64 | 9.9 | 75 |
| 156 | Selective Photomechanical Detachment and Retrieval of Divided Sister Cells from Enclosed Microfluidics for Downstream Analyses. <i>ACS Nano</i> , 2017 , 11, 4660-4668 | 16.7 | 18 |
| 155 | Dendritic-cell-based immunotherapy evokes potent anti-tumor immune responses in CD105+ human renal cancer stem cells. <i>Molecular Carcinogenesis</i> , 2017 , 56, 2499-2511 | 5 | 10 |
| 154 | Phase Ib Pilot Study to Evaluate Reparixin in Combination with Weekly Paclitaxel in Patients with HER-2-Negative Metastatic Breast Cancer. <i>Clinical Cancer Research</i> , 2017 , 23, 5358-5365 | 12.9 | 109 |
| 153 | Chemokines in the cancer microenvironment and their relevance in cancer immunotherapy. <i>Nature Reviews Immunology</i> , 2017 , 17, 559-572 | 36.5 | 865 |
| 152 | RAD51 Mediates Resistance of Cancer Stem Cells to PARP Inhibition in Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2017 , 23, 514-522 | 12.9 | 84 |

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| 151 | Algorithm for cellular reprogramming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 11832-11837 | 11.5 | 21 |
| 150 | Inhibition of FAK kinase activity preferentially targets cancer stem cells. <i>Oncotarget</i> , 2017 , 8, 51733-51743 | 3.7 | 50 |
| 149 | High-Throughput Microfluidic Labyrinth for the Label-free Isolation of Circulating Tumor Cells. <i>Cell Systems</i> , 2017 , 5, 295-304.e4 | 10.6 | 61 |
| 148 | Poor Prognosis Indicated by Venous Circulating Tumor Cell Clusters in Early-Stage Lung Cancers. <i>Cancer Research</i> , 2017 , 77, 5194-5206 | 10.1 | 90 |
| 147 | 5T4-Targeted Therapy Ablates Cancer Stem Cells and Prevents Recurrence of Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2017 , 23, 2516-2527 | 12.9 | 32 |
| 146 | Comparative Analysis of Breast Cancer Phenotypes in African American, White American, and West Versus East African patients: Correlation Between African Ancestry and Triple-Negative Breast Cancer. <i>Annals of Surgical Oncology</i> , 2016 , 23, 3843-3849 | 3.1 | 46 |
| 145 | High-Throughput Single-Cell Derived Sphere Formation for Cancer Stem-Like Cell Identification and Analysis. <i>Scientific Reports</i> , 2016 , 6, 27301 | 4.9 | 44 |
| 144 | Transcriptomic profiling of curcumin-treated human breast stem cells identifies a role for stearoyl-coa desaturase in breast cancer prevention. <i>Breast Cancer Research and Treatment</i> , 2016 , 158, 29-41 | 4.4 | 42 |
| 143 | Therapeutic Efficacy of Cancer Stem Cell Vaccines in the Adjuvant Setting. <i>Cancer Research</i> , 2016 , 76, 4661-72 | 10.1 | 43 |
| 142 | Elimination of epithelial-like and mesenchymal-like breast cancer stem cells to inhibit metastasis following nanoparticle-mediated photothermal therapy. <i>Biomaterials</i> , 2016 , 104, 145-57 | 15.6 | 31 |
| 141 | A Novel IL6 Antibody Sensitizes Multiple Tumor Types to Chemotherapy Including Trastuzumab-Resistant Tumors. <i>Cancer Research</i> , 2016 , 76, 480-90 | 10.1 | 27 |
| 140 | Clinical predictors of long-term survival in HER2-positive metastatic breast cancer. <i>Breast Cancer Research and Treatment</i> , 2016 , 155, 589-95 | 4.4 | 25 |
| 139 | Novel cancer stem cell targets during epithelial to mesenchymal transition in PTEN-deficient trastuzumab-resistant breast cancer. <i>Oncotarget</i> , 2016 , 7, 51408-51422 | 3.3 | 32 |
| 138 | Tunable Thermal-Sensitive Polymer-Graphene Oxide Composite for Efficient Capture and Release of Viable Circulating Tumor Cells. <i>Advanced Materials</i> , 2016 , 28, 4891-7 | 24 | 110 |
| 137 | Single cell dual adherent-suspension co-culture micro-environment for studying tumor-stromal interactions with functionally selected cancer stem-like cells. <i>Lab on A Chip</i> , 2016 , 16, 2935-45 | 7.2 | 26 |
| 136 | Patient-derived xenograft (PDX) models in basic and translational breast cancer research. <i>Cancer and Metastasis Reviews</i> , 2016 , 35, 547-573 | 9.6 | 133 |
| 135 | Integrin-linked kinase as a novel molecular switch of the IL-6-NF- κ B signaling loop in breast cancer. <i>Carcinogenesis</i> , 2016 , 37, 430-442 | 4.6 | 16 |
| 134 | Myeloid-Derived Suppressor Cells Endow Stem-like Qualities to Breast Cancer Cells through IL6/STAT3 and NO/NOTCH Cross-talk Signaling. <i>Cancer Research</i> , 2016 , 76, 3156-65 | 10.1 | 155 |

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| 133 | IL-6 Inhibition With MEDI5117 Decreases The Fraction of Head and Neck Cancer Stem Cells and Prevents Tumor Recurrence. <i>Neoplasia</i> , 2016 , 18, 273-281 | 6.4 | 18 |
| 132 | Breast Cancer and African Ancestry: Lessons Learned at the 10-Year Anniversary of the Ghana-Michigan Research Partnership and International Breast Registry. <i>Journal of Global Oncology</i> , 2016 , 2, 302-310 | 2.6 | 11 |
| 131 | Ultra-Specific Isolation of Circulating Tumor Cells Enables Rare-Cell RNA Profiling. <i>Advanced Science</i> , 2016 , 3, 1600063 | 13.6 | 21 |
| 130 | Cancer stem cell vaccine inhibits metastases of primary tumors and induces humoral immune responses against cancer stem cells. <i>OncImmunology</i> , 2015 , 4, e990767 | 7.2 | 66 |
| 129 | Characterizing Breast Cancer in a Population with Increased Prevalence of Triple-Negative Breast Cancer: Androgen Receptor and ALDH1 Expression in Ghanaian Women. <i>Annals of Surgical Oncology</i> , 2015 , 22, 3831-5 | 3.1 | 20 |
| 128 | Concise Review: Targeting Cancer Stem Cells Using Immunologic Approaches. <i>Stem Cells</i> , 2015 , 33, 2085-92 | 5.2 | 109 |
| 127 | Tumor twitter: cellular communication in the breast cancer stem cell niche. <i>Cancer Discovery</i> , 2015 , 5, 469-71 | 24.4 | 20 |
| 126 | Regulation of Breast Cancer Stem Cells by Mesenchymal Stem Cells in the Metastatic Niche 2015 , 123-143 | | |
| 125 | CRLX101, an investigational camptothecin-containing nanoparticle-drug conjugate, targets cancer stem cells and impedes resistance to antiangiogenic therapy in mouse models of breast cancer. <i>Breast Cancer Research and Treatment</i> , 2015 , 150, 559-67 | 4.4 | 44 |
| 124 | Leptin and Adiponectin Modulate the Self-renewal of Normal Human Breast Epithelial Stem Cells. <i>Cancer Prevention Research</i> , 2015 , 8, 1174-83 | 3.2 | 26 |
| 123 | Promise of cancer stem cell vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2015 , 11, 2796-9 | 4.4 | 6 |
| 122 | Therapeutic Implications of Cellular Heterogeneity and Plasticity in Breast Cancer. <i>Cell Stem Cell</i> , 2015 , 17, 260-71 | 18 | 258 |
| 121 | Trastuzumab resistance induces EMT to transform HER2(+) PTEN(-) to a triple negative breast cancer that requires unique treatment options. <i>Scientific Reports</i> , 2015 , 5, 15821 | 4.9 | 43 |
| 120 | A quantitative proteomics analysis of MCF7 breast cancer stem and progenitor cell populations. <i>Proteomics</i> , 2015 , 15, 3772-83 | 4.8 | 20 |
| 119 | Modeling of Cancer Stem Cell State Transitions Predicts Therapeutic Response. <i>PLoS ONE</i> , 2015 , 10, e0135797 | 3.7 | 30 |
| 118 | Transdifferentiation-Induced Neural Stem Cells Promote Recovery of Middle Cerebral Artery Stroke Rats. <i>PLoS ONE</i> , 2015 , 10, e0137211 | 3.7 | 19 |
| 117 | Breast cancer stem cells: current advances and clinical implications. <i>Methods in Molecular Biology</i> , 2015 , 1293, 1-49 | 1.4 | 67 |
| 116 | Function of Integrin-Linked Kinase in Modulating the Stemness of IL-6-Abundant Breast Cancer Cells by Regulating β Secretase-Mediated Notch1 Activation in Caveolae. <i>Neoplasia</i> , 2015 , 17, 497-508 | 6.4 | 33 |

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| 115 | Notch reporter activity in breast cancer cell lines identifies a subset of cells with stem cell activity. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 779-787 | 6.1 | 88 |
| 114 | Gd-metallofullerenol nanomaterial as non-toxic breast cancer stem cell-specific inhibitor. <i>Nature Communications</i> , 2015 , 6, 5988 | 17.4 | 135 |
| 113 | Chemokines and cellular plasticity of ovarian cancer stem cells. <i>Oncoscience</i> , 2015 , 2, 615-6 | 0.8 | 8 |
| 112 | Role of microRNA221 in regulating normal mammary epithelial hierarchy and breast cancer stem-like cells. <i>Oncotarget</i> , 2015 , 6, 3709-21 | 3.3 | 44 |
| 111 | ALDH/CD44 identifies uniquely tumorigenic cancer stem cells in salivary gland mucoepidermoid carcinomas. <i>Oncotarget</i> , 2015 , 6, 26633-50 | 3.3 | 49 |
| 110 | Epithelial-mesenchymal plasticity of breast cancer stem cells: implications for metastasis and therapeutic resistance. <i>Current Pharmaceutical Design</i> , 2015 , 21, 1301-10 | 3.3 | 143 |
| 109 | Regulatory roles of miRNA in the human neural stem cell transformation to glioma stem cells. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 1368-80 | 4.7 | 50 |
| 108 | Targeting self-renewal, an AchillesRheel of cancer stem cells. <i>Nature Medicine</i> , 2014 , 20, 14-5 | 50.5 | 41 |
| 107 | MicroRNA100 inhibits self-renewal of breast cancer stem-like cells and breast tumor development. <i>Cancer Research</i> , 2014 , 74, 6648-60 | 10.1 | 58 |
| 106 | Endothelial interleukin-6 defines the tumorigenic potential of primary human cancer stem cells. <i>Stem Cells</i> , 2014 , 32, 2845-57 | 5.8 | 67 |
| 105 | A radial flow microfluidic device for ultra-high-throughput affinity-based isolation of circulating tumor cells. <i>Small</i> , 2014 , 10, 4895-904 | 11 | 95 |
| 104 | Breast cancer stem cells transition between epithelial and mesenchymal states reflective of their normal counterparts. <i>Stem Cell Reports</i> , 2014 , 2, 78-91 | 8 | 656 |
| 103 | Growth hormone is secreted by normal breast epithelium upon progesterone stimulation and increases proliferation of stem/progenitor cells. <i>Stem Cell Reports</i> , 2014 , 2, 780-93 | 8 | 35 |
| 102 | Targeting Different States of Breast Cancer Stem Cells 2014 , 435-450 | | |
| 101 | Expansion of CTCs from early stage lung cancer patients using a microfluidic co-culture model. <i>Oncotarget</i> , 2014 , 5, 12383-97 | 3.3 | 134 |
| 100 | Biological and clinical significance of cancer stem cell plasticity. <i>Clinical and Translational Medicine</i> , 2014 , 3, 32 | 5.7 | 33 |
| 99 | Myeloid-derived suppressor cells enhance stemness of cancer cells by inducing microRNA101 and suppressing the corepressor CtBP2. <i>Immunity</i> , 2013 , 39, 611-21 | 32.3 | 294 |
| 98 | B4 androgen ablation: attacking the prostate cancer stem cell. <i>Journal of Clinical Investigation</i> , 2013 , 123, 563-5 | 15.9 | 3 |

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| 97 | Sensitive capture of circulating tumour cells by functionalized graphene oxide nanosheets. <i>Nature Nanotechnology</i> , 2013 , 8, 735-41 | 28.7 | 413 |
| 96 | Point: cancer stem cells--the evidence accumulates. <i>Clinical Chemistry</i> , 2013 , 59, 205-7 | 5.5 | 13 |
| 95 | Breast cancer stem cells: we've got them surrounded. <i>Clinical Cancer Research</i> , 2013 , 19, 511-3 | 12.9 | 25 |
| 94 | Cytokine-induced killer (CIK) cells bound with anti-CD3/anti-CD133 bispecific antibodies target CD133(high) cancer stem cells in vitro and in vivo. <i>Clinical Immunology</i> , 2013 , 149, 156-68 | 9 | 72 |
| 93 | Notch pathway activity identifies cells with cancer stem cell-like properties and correlates with worse survival in lung adenocarcinoma. <i>Clinical Cancer Research</i> , 2013 , 19, 1972-80 | 12.9 | 148 |
| 92 | HER2 drives luminal breast cancer stem cells in the absence of HER2 amplification: implications for efficacy of adjuvant trastuzumab. <i>Cancer Research</i> , 2013 , 73, 1635-46 | 10.1 | 186 |
| 91 | The thyroid cancer PAX8-PPARG fusion protein activates Wnt/TCF-responsive cells that have a transformed phenotype. <i>Endocrine-Related Cancer</i> , 2013 , 20, 725-39 | 5.7 | 15 |
| 90 | Expression of aldehyde dehydrogenase 1 as a marker of mammary stem cells in benign and malignant breast lesions of Ghanaian women. <i>Cancer</i> , 2013 , 119, 488-94 | 6.4 | 32 |
| 89 | HER2 and breast cancer stem cells: more than meets the eye. <i>Cancer Research</i> , 2013 , 73, 3489-93 | 10.1 | 96 |
| 88 | Distinct FAK activities determine progenitor and mammary stem cell characteristics. <i>Cancer Research</i> , 2013 , 73, 5591-602 | 10.1 | 43 |
| 87 | Preclinical and clinical studies of gamma secretase inhibitors with docetaxel on human breast tumors. <i>Clinical Cancer Research</i> , 2013 , 19, 1512-24 | 12.9 | 172 |
| 86 | Evaluation of STAT3 signaling in ALDH+ and ALDH+/CD44+/CD24- subpopulations of breast cancer cells. <i>PLoS ONE</i> , 2013 , 8, e82821 | 3.7 | 51 |
| 85 | Expression of aldehyde dehydrogenase and CD133 defines ovarian cancer stem cells. <i>International Journal of Cancer</i> , 2012 , 130, 29-39 | 7.5 | 198 |
| 84 | HER2-associated radioresistance of breast cancer stem cells isolated from HER2-negative breast cancer cells. <i>Clinical Cancer Research</i> , 2012 , 18, 6634-47 | 12.9 | 150 |
| 83 | Xenografts faithfully recapitulate breast cancer-specific gene expression patterns of parent primary breast tumors. <i>Breast Cancer Research and Treatment</i> , 2012 , 135, 913-22 | 4.4 | 34 |
| 82 | PSA lo and behold: prostate cancer stem cells. <i>Cell Stem Cell</i> , 2012 , 10, 482-3 | 18 | 2 |
| 81 | Cancer stem cell vaccination confers significant antitumor immunity. <i>Cancer Research</i> , 2012 , 72, 1853-64 | 10.1 | 162 |
| 80 | Targeting cancer stem cells via dendritic-cell vaccination. <i>Onc Immunology</i> , 2012 , 1, 1401-1403 | 7.2 | 18 |

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|----|---|------|-----|
| 79 | Activation of an IL6 inflammatory loop mediates trastuzumab resistance in HER2+ breast cancer by expanding the cancer stem cell population. <i>Molecular Cell</i> , 2012 , 47, 570-84 | 17.6 | 385 |
| 78 | Breast Cancer Heterogeneity: Need to Review Current Treatment Strategies. <i>Current Breast Cancer Reports</i> , 2012 , 4, 225-231 | 0.8 | 2 |
| 77 | Antiangiogenic agents increase breast cancer stem cells via the generation of tumor hypoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 2784-9 | 11.5 | 551 |
| 76 | Role of microRNAs in the regulation of breast cancer stem cells. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2012 , 17, 15-21 | 2.4 | 72 |
| 75 | MicroRNA93 regulates proliferation and differentiation of normal and malignant breast stem cells. <i>PLoS Genetics</i> , 2012 , 8, e1002751 | 6 | 136 |
| 74 | Ablation of breast cancer stem cells with radiation. <i>Translational Oncology</i> , 2011 , 4, 227-33 | 4.9 | 57 |
| 73 | Implications of cancer stem cell theory for cancer chemoprevention by natural dietary compounds. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 799-806 | 6.3 | 137 |
| 72 | Breast cancer stem cells are regulated by mesenchymal stem cells through cytokine networks. <i>Cancer Research</i> , 2011 , 71, 614-24 | 10.1 | 476 |
| 71 | Pilot study of duloxetine for treatment of aromatase inhibitor-associated musculoskeletal symptoms. <i>Cancer</i> , 2011 , 117, 5469-75 | 6.4 | 53 |
| 70 | Regulation of cancer stem cells by cytokine networks: attacking cancer's inflammatory roots. <i>Clinical Cancer Research</i> , 2011 , 17, 6125-9 | 12.9 | 239 |
| 69 | Aldehyde dehydrogenase in combination with CD133 defines angiogenic ovarian cancer stem cells that portend poor patient survival. <i>Cancer Research</i> , 2011 , 71, 3991-4001 | 10.1 | 382 |
| 68 | Breast cancer stem cells, cytokine networks, and the tumor microenvironment. <i>Journal of Clinical Investigation</i> , 2011 , 121, 3804-9 | 15.9 | 450 |
| 67 | Clinical trial design for testing the stem cell model for the prevention and treatment of cancer. <i>Cancers</i> , 2011 , 3, 2696-708 | 6.6 | 6 |
| 66 | One-hit effects and cancer. <i>Cancer Prevention Research</i> , 2010 , 3, 12-5 | 3.2 | 5 |
| 65 | Sulforaphane, a dietary component of broccoli/broccoli sprouts, inhibits breast cancer stem cells. <i>Clinical Cancer Research</i> , 2010 , 16, 2580-90 | 12.9 | 406 |
| 64 | Endothelial cell-initiated signaling promotes the survival and self-renewal of cancer stem cells. <i>Cancer Research</i> , 2010 , 70, 9969-78 | 10.1 | 194 |
| 63 | Aldehyde dehydrogenase 1-positive cancer stem cells mediate metastasis and poor clinical outcome in inflammatory breast cancer. <i>Clinical Cancer Research</i> , 2010 , 16, 45-55 | 12.9 | 570 |
| 62 | Targeting breast cancer stem cells. <i>Journal of Clinical Oncology</i> , 2010 , 28, 4006-12 | 2.2 | 269 |

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|----|---|------|-----|
| 61 | Targeting breast cancer stem cells. <i>Molecular Oncology</i> , 2010 , 4, 404-19 | 7.9 | 155 |
| 60 | Targeting breast stem cells with the cancer preventive compounds curcumin and piperine. <i>Breast Cancer Research and Treatment</i> , 2010 , 122, 777-85 | 4.4 | 372 |
| 59 | African ancestry and higher prevalence of triple-negative breast cancer: findings from an international study. <i>Cancer</i> , 2010 , 116, 4926-32 | 6.4 | 153 |
| 58 | CXCR1 blockade selectively targets human breast cancer stem cells in vitro and in xenografts. <i>Journal of Clinical Investigation</i> , 2010 , 120, 485-97 | 15.9 | 577 |
| 57 | Retinoid signaling regulates breast cancer stem cell differentiation. <i>Cell Cycle</i> , 2009 , 8, 3297-302 | 4.7 | 168 |
| 56 | Regulation of mammary stem/progenitor cells by PTEN/Akt/beta-catenin signaling. <i>PLoS Biology</i> , 2009 , 7, e1000121 | 9.7 | 414 |
| 55 | An embryonic stem cell-like signature identifies poorly differentiated lung adenocarcinoma but not squamous cell carcinoma. <i>Clinical Cancer Research</i> , 2009 , 15, 6386-90 | 12.9 | 50 |
| 54 | HER-2, notch, and breast cancer stem cells: targeting an axis of evil. <i>Clinical Cancer Research</i> , 2009 , 15, 1845-7 | 12.9 | 116 |
| 53 | Targeting breast cancer stem cells. <i>Breast</i> , 2009 , 18 Suppl 3, S56-8 | 3.6 | 19 |
| 52 | Identification of single chain antibodies to breast cancer stem cells using phage display. <i>Biotechnology Progress</i> , 2009 , 25, 1780-7 | 2.8 | 8 |
| 51 | Tumor-initiating cells and treatment resistance: how goes the war?. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2009 , 14, 1-2 | 2.4 | 3 |
| 50 | Breast cancer cell lines contain functional cancer stem cells with metastatic capacity and a distinct molecular signature. <i>Cancer Research</i> , 2009 , 69, 1302-13 | 10.1 | 938 |
| 49 | Getting to the root of BRCA1-deficient breast cancer. <i>Cell Stem Cell</i> , 2009 , 5, 229-30 | 18 | 21 |
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