# Jian-Hua Mao

## List of Publications by Year in Descending Order

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|---|---|---|---|
| 158 papers | 5,979 citations | 41 h-index | 73 g-index |
| 172 ext. papers | 6,971 ext. citations | 8.6 avg, IF | 5.4 L-index |

| # | Paper | IF | Citations |
|---|-------|-----|-----------|
| 158 | Pathophysiological Integration of Metabolic Reprogramming in Breast Cancer.. *Cancers*, **2022**, 14, | 6.6 | 1 |
| 157 | A new platform for ultra-high dose rate radiobiological research using the BELLA PW laser proton beamline.. *Scientific Reports*, **2022**, 12, 1484 | 4.9 | 5 |
| 156 | Prospective Study Reveals Host Microbial Determinants of Clinical Response to Fecal Microbiota Transplant Therapy in Type 2 Diabetes Patients.. *Frontiers in Cellular and Infection Microbiology*, **2022**, 12, 820367 | 5.9 | 2 |
| 155 | From Mouse to Human: Cellular Morphometric Subtype Learned From Mouse Mammary Tumors Provides Prognostic Value in Human Breast Cancer.. *Frontiers in Oncology*, **2021**, 11, 819565 | 5.3 | 1 |
| 154 | Identification of a novel cancer microbiome signature for predicting prognosis of human breast cancer patients. *Clinical and Translational Oncology*, **2021**, 1 | 3.6 | 1 |
| 153 | An integrated host-microbiome response to atrazine exposure mediates toxicity in Drosophila. *Communications Biology*, **2021**, 4, 1324 | 6.7 | 0 |
| 152 | In utero and early-life exposure to thirdhand smoke causes profound changes to the immune system. *Clinical Science*, **2021**, 135, 1053-1063 | 6.5 | 1 |
| 151 | Thirdhand cigarette smoke leads to age-dependent and persistent alterations in the cecal microbiome of mice. *MicrobiologyOpen*, **2021**, 10, e1198 | 3.4 | 2 |
| 150 | Genetic background influences the effect of thirdhand smoke exposure on anxiety and memory in Collaborative Cross mice. *Scientific Reports*, **2021**, 11, 13285 | 4.9 | 0 |
| 149 | Human X chromosome exome sequencing identifies as contributor to spermatogenesis. *Journal of Medical Genetics*, **2021**, 58, 56-65 | 5.8 | 4 |
| 148 | A novel isoform of Homeodomain-interacting protein kinase-2 promotes YAP/TEAD transcriptional activity in NSCLC cells. *Oncotarget*, **2021**, 12, 173-184 | 3.3 | 0 |
| 147 | CRL4A degrades DNA-PKcs to modulate NHEJ repair and induce genomic instability and subsequent malignant transformation. *Oncogene*, **2021**, 40, 2096-2111 | 9.2 | 2 |
| 146 | Loss of TGFβ signaling increases alternative end-joining DNA repair that sensitizes to genotoxic therapies across cancer types. *Science Translational Medicine*, **2021**, 13, | 17.5 | 8 |
| 145 | FHOD1 is upregulated in gastric cancer and promotes the proliferation and invasion of gastric cancer cells. *Oncology Letters*, **2021**, 22, 712 | 2.6 | 1 |
| 144 | Contribution of trace element exposure to gestational diabetes mellitus through disturbing the gut microbiome. *Environment International*, **2021**, 153, 106520 | 12.9 | 8 |
| 143 | Host genetics and gut microbiota cooperatively contribute to azoxymethane-induced acute toxicity in Collaborative Cross mice. *Archives of Toxicology*, **2021**, 95, 949-958 | 5.8 | 1 |
| 142 | The combined effect of simulated microgravity and radiation on chromosome aberrations in human peripheral blood lymphocytes. *Uchu Seibutsu Kagaku*, **2021**, 35, 15-23 | 1 | 2 |

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| 141 | The effect of cullin 4A on lung cancer cell chemosensitivity to paclitaxel through p33ING1b regulation. *American Journal of Translational Research (discontinued)*, **2021**, 13, 11194-11208 | 3 | |
| 140 | Prospective study reveals a microbiome signature that predicts the occurrence of post-operative enterocolitis in Hirschsprung disease (HSCR) patients. *Gut Microbes*, **2020**, 11, 842-854 | 8.8 | 13 |
| 139 | FAM83D promotes epithelial-mesenchymal transition, invasion and cisplatin resistance through regulating the AKT/mTOR pathway in non-small-cell lung cancer. *Cellular Oncology (Dordrecht)*, **2020**, 43, 395-407 | 7.2 | 16 |
| 138 | Thirdhand smoke exposure causes replication stress and impaired transcription in human lung cells. *Environmental and Molecular Mutagenesis*, **2020**, 61, 635-646 | 3.2 | 5 |
| 137 | 53BP1 Repair Kinetics for Prediction of In Vivo Radiation Susceptibility in 15 Mouse Strains. *Radiation Research*, **2020**, 194, 485-499 | 3.1 | 8 |
| 136 | Identification of a novel 15-gene expression signature predicting overall survival of human colorectal cancer. *Clinical and Translational Medicine*, **2020**, 10, e258 | 5.7 | 1 |
| 135 | Aggressive Mammary Cancers Lacking Lymphocytic Infiltration Arise in Irradiated Mice and Can Be Prevented by Dietary Intervention. *Cancer Immunology Research*, **2020**, 8, 217-229 | 12.5 | 6 |
| 134 | Systematic Analysis of Impact of Sampling Regions and Storage Methods on Fecal Gut Microbiome and Metabolome Profiles. *MSphere*, **2020**, 5, | 5 | 21 |
| 133 | Simultaneous Exposure of Cultured Human Lymphoblastic Cells to Simulated Microgravity and Radiation Increases Chromosome Aberrations. *Life*, **2020**, 10, | 3 | 10 |
| 132 | Clinically applicable 53-Gene prognostic assay predicts chemotherapy benefit in gastric cancer: A multicenter study. *EBioMedicine*, **2020**, 61, 103023 | 8.8 | 6 |
| 131 | Resveratrol Modulates the Gut Microbiota and Inflammation to Protect Against Diabetic Nephropathy in Mice. *Frontiers in Pharmacology*, **2020**, 11, 1249 | 5.6 | 34 |
| 130 | Thirdhand smoke: Genotoxity and carcinogenic potential. *Chronic Diseases and Translational Medicine*, **2020**, 6, 27-34 | 3.9 | 4 |
| 129 | Genetic and metabolic links between the murine microbiome and memory. *Microbiome*, **2020**, 8, 53 | 16.6 | 20 |
| 128 | Cul4A Modulates Invasion and Metastasis of Lung Cancer Through Regulation of ANXA10. *Cancers*, **2019**, 11, | 6.6 | 11 |
| 127 | Drosophila Histone Demethylase KDM5 Regulates Social Behavior through Immune Control and Gut Microbiota Maintenance. *Cell Host and Microbe*, **2019**, 25, 537-552.e8 | 23.4 | 53 |
| 126 | Diverse tumour susceptibility in Collaborative Cross mice: identification of a new mouse model for human gastric tumourigenesis. *Gut*, **2019**, 68, 1942-1952 | 19.2 | 12 |
| 125 | No difference in 4-nitroquinoline induced tumorigenesis between germ-free and colonized mice. *Molecular Carcinogenesis*, **2019**, 58, 627-632 | 5 | |
| 124 | Genetic Susceptibility to Thirdhand-Smoke-Induced Lung Cancer Development. *Nicotine and Tobacco Research*, **2019**, 21, 1294-1296 | 4.9 | 6 |

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| 123 | Light-Stress Influences the Composition of the Murine Gut Microbiome, Memory Function, and Plasma Metabolome. *Frontiers in Molecular Biosciences*, **2019**, 6, 108 | 5.6 | 14 |
| 122 | Overcoming the challenges of cancer drug resistance through bacterial-mediated therapy. *Chronic Diseases and Translational Medicine*, **2019**, 5, 258-266 | 3.9 | 7 |
| 121 | A Robust Gene Expression Prognostic Signature for Overall Survival in High-Grade Serous Ovarian Cancer. *Journal of Oncology*, **2019**, 2019, 3614207 | 4.5 | 4 |
| 120 | FBXW7 deletion contributes to lung tumor development and confers resistance to gefitinib therapy. *Molecular Oncology*, **2018**, 12, 883-895 | 7.9 | 16 |
| 119 | Short-term early exposure to thirdhand cigarette smoke increases lung cancer incidence in mice. *Clinical Science*, **2018**, 132, 475-488 | 6.5 | 25 |
| 118 | The biological age linked to oxidative stress modifies breast cancer aggressiveness. *Free Radical Biology and Medicine*, **2018**, 120, 133-146 | 7.8 | 7 |
| 117 | miR-1204 targets VDR to promotes epithelial-mesenchymal transition and metastasis in breast cancer. *Oncogene*, **2018**, 37, 3426-3439 | 9.2 | 37 |
| 116 | Unsupervised Transfer Learning via Multi-Scale Convolutional Sparse Coding for Biomedical Applications. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2018**, 40, 1182-1194 | 13.3 | 97 |
| 115 | Laminin signals initiate the reciprocal loop that informs breast-specific gene expression and homeostasis by activating NO, p53 and microRNAs. *ELife*, **2018**, 7, | 8.9 | 23 |
| 114 | Supplementary data for the biological age linked to oxidative stress modifies breast cancer aggressiveness. *Data in Brief*, **2018**, 18, 1172-1184 | 1.2 | 0 |
| 113 | A robust gene expression-based prognostic risk score predicts overall survival of lung adenocarcinoma patients. *Oncotarget*, **2018**, 9, 6862-6871 | 3.3 | 6 |
| 112 | The component formula of Salvia miltiorrhiza and Panax ginseng induces apoptosis and inhibits cell invasion and migration through targeting PTEN in lung cancer cells. *Proceedings for Annual Meeting of the Japanese Pharmacological Society*, **2018**, WCP2018, PO1-9-4 | 0 | |
| 111 | Distinct Interactions of EBP1 Isoforms with FBXW7 Elicits Different Functions in Cancer. *Cancer Research*, **2017**, 77, 1983-1996 | 10.1 | 19 |
| 110 | Early exposure to thirdhand cigarette smoke affects body mass and the development of immunity in mice. *Scientific Reports*, **2017**, 7, 41915 | 4.9 | 23 |
| 109 | FAM83 family oncogenes are broadly involved in human cancers: an integrative multi-omics approach. *Molecular Oncology*, **2017**, 11, 167-179 | 7.9 | 64 |
| 108 | Thirdhand Smoke: New Evidence, Challenges, and Future Directions. *Chemical Research in Toxicology*, **2017**, 30, 270-294 | 4 | 124 |
| 107 | Expression and Transcriptional Regulation of Human ATP6V1A Gene in Gastric Cancers. *Scientific Reports*, **2017**, 7, 3015 | 4.9 | 8 |
| 106 | Integrative analysis of multi-omics data reveals distinct impacts of DDB1-CUL4 associated factors in human lung adenocarcinomas. *Scientific Reports*, **2017**, 7, 333 | 4.9 | 7 |

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| 105 | Revisiting the impact of age and molecular subtype on overall survival after radiotherapy in breast cancer patients. *Scientific Reports*, **2017**, 7, 12587 | 4.9 | 15 |
| 104 | The component formula of and ginseng induces apoptosis and inhibits cell invasion and migration through targeting PTEN in lung cancer cells. *Oncotarget*, **2017**, 8, 101599-101613 | 3.3 | 14 |
| 103 | Adverse Health Effects of Thirdhand Smoke: From Cell to Animal Models. *International Journal of Molecular Sciences*, **2017**, 18, | 6.3 | 17 |
| 102 | Simulated space radiation-induced mutants in the mouse kidney display widespread genomic change. *PLoS ONE*, **2017**, 12, e0180412 | 3.7 | 6 |
| 101 | A short synthetic peptide fragment of human C2ORF40 has therapeutic potential in breast cancer. *Oncotarget*, **2017**, 8, 41963-41974 | 3.3 | 1 |
| 100 | Missing heritability of complex diseases: Enlightenment by genetic variants from intermediate phenotypes. *BioEssays*, **2016**, 38, 664-73 | 4.1 | 29 |
| 99 | Tobacco toxins deposited on surfaces (third hand smoke) impair wound healing. *Clinical Science*, **2016**, 130, 1269-84 | 6.5 | 29 |
| 98 | Centromere and kinetochore gene misexpression predicts cancer patient survival and response to radiotherapy and chemotherapy. *Nature Communications*, **2016**, 7, 12619 | 17.4 | 111 |
| 97 | Influence of early life exposure, host genetics and diet on the mouse gut microbiome and metabolome. *Nature Microbiology*, **2016**, 2, 16221 | 26.6 | 63 |
| 96 | Multi-omics approach to infer cancer therapeutic targets on chromosome 20q across tumor types. *Advances in Modern Oncology Research*, **2016**, 2, 215-223 | | 3 |
| 95 | Nucks1 synergizes with Trp53 to promote radiation lymphomagenesis in mice. *Oncotarget*, **2016**, 7, 61874-61889 | 3.3 | 19 |
| 94 | Co-Expression Network Analysis of Fbxw7-Associated LncRNAs Reveals Their Functions in Radiation-Induced Thymic Lymphoma **2016**, 1, 1-5 | | |
| 93 | Prognostic significance of FAM83D gene expression across human cancer types. *Oncotarget*, **2016**, 7, 3332-40 | 3.3 | 18 |
| 92 | HZE Radiation Non-Targeted Effects on the Microenvironment That Mediate Mammary Carcinogenesis. *Frontiers in Oncology*, **2016**, 6, 57 | 5.3 | 19 |
| 91 | A novel gene expression-based prognostic scoring system to predict survival in gastric cancer. *Oncotarget*, **2016**, 7, 55343-55351 | 3.3 | 119 |
| 90 | PHENOTYPIC CHARACTERIZATION OF BREAST INVASIVE CARCINOMA VIA TRANSFERABLE TISSUE MORPHOMETRIC PATTERNS LEARNED FROM GLIOBLASTOMA MULTIFORME **2016**, 2016, 1025-1028 | 1.5 | |
| 89 | Genome co-amplification upregulates a mitotic gene network activity that predicts outcome and response to mitotic protein inhibitors in breast cancer. *Breast Cancer Research*, **2016**, 18, 70 | 8.3 | 9 |
| 88 | The Trp53 delta proline (Trp53ΔP) mouse exhibits increased genome instability and susceptibility to radiation-induced, but not spontaneous, tumor development. *Molecular Carcinogenesis*, **2016**, 55, 1387-96 | 5 | 5 |

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| 87 | Knockdown of cullin 4A inhibits growth and increases chemosensitivity in lung cancer cells. *Journal of Cellular and Molecular Medicine*, **2016**, 20, 1295-306 | 5.6 | 12 |
| 86 | A new role of SNAI2 in postlactational involution of the mammary gland links it to luminal breast cancer development. *Oncogene*, **2015**, 34, 4777-90 | 9.2 | 7 |
| 85 | FBXW7 negatively regulates ENO1 expression and function in colorectal cancer. *Laboratory Investigation*, **2015**, 95, 995-1004 | 5.9 | 38 |
| 84 | Unraveling heterogeneous susceptibility and the evolution of breast cancer using a systems biology approach. *Genome Biology*, **2015**, 16, 40 | 18.3 | 11 |
| 83 | Analysis of lung tumor initiation and progression in transgenic mice for Cre-inducible overexpression of Cul4A gene. *Thoracic Cancer*, **2015**, 6, 480-7 | 3.2 | 6 |
| 82 | Cul4A overexpression associated with Gli1 expression in malignant pleural mesothelioma. *Journal of Cellular and Molecular Medicine*, **2015**, 19, 2385-96 | 5.6 | 9 |
| 81 | Identification of genetic loci that control mammary tumor susceptibility through the host microenvironment. *Scientific Reports*, **2015**, 5, 8919 | 4.9 | 14 |
| 80 | Identification of genetic factors that modify motor performance and body weight using Collaborative Cross mice. *Scientific Reports*, **2015**, 5, 16247 | 4.9 | 28 |
| 79 | Metabolomics reveals metabolic changes in male reproductive cells exposed to thirdhand smoke. *Scientific Reports*, **2015**, 5, 15512 | 4.9 | 24 |
| 78 | Genetic Background Modulates lncRNA-Coordinated Tissue Response to Low Dose Ionizing Radiation. *International Journal of Genomics*, **2015**, 2015, 461038 | 2.5 | 4 |
| 77 | Elevated expression of UBE2T exhibits oncogenic properties in human prostate cancer. *Oncotarget*, **2015**, 6, 25226-39 | 3.3 | 53 |
| 76 | Next-Generation Sequencing for Binary Protein-Protein Interactions. *Frontiers in Genetics*, **2015**, 6, 346 | 4.5 | 16 |
| 75 | Knockdown of Cul4A increases chemosensitivity to gemcitabine through upregulation of TGFBI in lung cancer cells. *Oncology Reports*, **2015**, 34, 3187-95 | 3.5 | 10 |
| 74 | Inhibition of ERK1/2 down-regulates the Hippo/YAP signaling pathway in human NSCLC cells. *Oncotarget*, **2015**, 6, 4357-68 | 3.3 | 72 |
| 73 | Genetic background influences loss of heterozygosity patterns in radiation-induced mouse thymic lymphoma. *Journal of Nature and Science*, **2015**, 1, e96 | | |
| 72 | PR-Set7 is Degraded in a Conditional Cul4A Transgenic Mouse Model of Lung Cancer. *Chinese Journal of Lung Cancer*, **2015**, 18, 345-50 | 0.6 | 1 |
| 71 | Expression profiling reveals transcriptional regulation by Fbxw7/mTOR pathway in radiation-induced mouse thymic lymphomas. *Oncotarget*, **2015**, 6, 44794-805 | 3.3 | 2 |
| 70 | CUL4A induces epithelial-mesenchymal transition and promotes cancer metastasis by regulating ZEB1 expression. *Cancer Research*, **2014**, 74, 520-31 | 10.1 | 161 |

| 69 | Irradiation of juvenile, but not adult, mammary gland increases stem cell self-renewal and estrogen receptor negative tumors. *Stem Cells*, **2014**, 32, 649-61 | 5.8 | 41 |
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| 68 | CUL4A overexpression enhances lung tumor growth and sensitizes lung cancer cells to erlotinib via transcriptional regulation of EGFR. *Molecular Cancer*, **2014**, 13, 252 | 42.1 | 48 |
| 67 | Distinct luminal-type mammary carcinomas arise from orthotopic Trp53-null mammary transplantation of juvenile versus adult mice. *Cancer Research*, **2014**, 74, 7149-58 | 10.1 | 1 |
| 66 | Densely ionizing radiation acts via the microenvironment to promote aggressive Trp53-null mammary carcinomas. *Cancer Research*, **2014**, 74, 7137-48 | 10.1 | 17 |
| 65 | Expression quantitative trait loci and receptor pharmacology implicate Arg1 and the GABA-A receptor as therapeutic targets in neuroblastoma. *Cell Reports*, **2014**, 9, 1034-46 | 10.6 | 14 |
| 64 | Lung tumourigenesis in a conditional Cul4A transgenic mouse model. *Journal of Pathology*, **2014**, 233, 113-23 | 9.4 | 16 |
| 63 | An interferon signature identified by RNA-sequencing of mammary tissues varies across the estrous cycle and is predictive of metastasis-free survival. *Oncotarget*, **2014**, 5, 4011-25 | 3.3 | 13 |
| 62 | Rapamycin inhibits FBXW7 loss-induced epithelial-mesenchymal transition and cancer stem cell-like characteristics in colorectal cancer cells. *Biochemical and Biophysical Research Communications*, **2013**, 434, 352-6 | 3.4 | 55 |
| 61 | Rewiring of human lung cell lineage and mitotic networks in lung adenocarcinomas. *Nature Communications*, **2013**, 4, 1701 | 17.4 | 31 |
| 60 | Mass spectrometry imaging for in situ kinetic histochemistry. *Scientific Reports*, **2013**, 3, 1656 | 4.9 | 47 |
| 59 | The prostate cancer-up-regulated long noncoding RNA PlncRNA-1 modulates apoptosis and proliferation through reciprocal regulation of androgen receptor. *Urologic Oncology: Seminars and Original Investigations*, **2013**, 31, 1117-23 | 2.8 | 154 |
| 58 | Hematein, a casein kinase II inhibitor, inhibits lung cancer tumor growth in a murine xenograft model. *International Journal of Oncology*, **2013**, 43, 1517-22 | 4.4 | 16 |
| 57 | A 12-gene set predicts survival benefits from adjuvant chemotherapy in non-small cell lung cancer patients. *Clinical Cancer Research*, **2013**, 19, 1577-86 | 12.9 | 182 |
| 56 | Ptch1 overexpression drives skin carcinogenesis and developmental defects in K14Ptch(FVB) mice. *Journal of Investigative Dermatology*, **2013**, 133, 1311-20 | 4.3 | 21 |
| 55 | C2ORF40 suppresses breast cancer cell proliferation and invasion through modulating expression of M phase cell cycle genes. *Epigenetics*, **2013**, 8, 571-83 | 5.7 | 33 |
| 54 | Murine microenvironment metaprofiles associate with human cancer etiology and intrinsic subtypes. *Clinical Cancer Research*, **2013**, 19, 1353-62 | 12.9 | 20 |
| 53 | Temporal mTOR inhibition protects Fbxw7-deficient mice from radiation-induced tumor development. *Aging*, **2013**, 5, 111-9 | 5.6 | 17 |
| 52 | FAM83D promotes cell proliferation and motility by downregulating tumor suppressor gene FBXW7. *Oncotarget*, **2013**, 4, 2476-86 | 3.3 | 53 |

| 51 | Meta-analysis of Aurora Kinase A (AURKA) Expression Data Reveals a Significant Correlation Between Increased AURKA Expression and Distant Metastases in Human ER-positive Breast Cancers. *Journal of Data Mining in Genomics & Proteomics*, **2013**, 4, 127 | | 10 |
|----|----|----|----|
| 50 | Sequential mutations in Notch1, Fbxw7, and Tp53 in radiation-induced mouse thymic lymphomas. *Blood*, **2012**, 119, 805-9 | 2.2 | 11 |
| 49 | Oncogenic CUL4A determines the response to thalidomide treatment in prostate cancer. *Journal of Molecular Medicine*, **2012**, 90, 1121-32 | 5.5 | 40 |
| 48 | Low-dose ionizing radiation-induced blood plasma metabolic response in a diverse genetic mouse population. *Radiation Research*, **2012**, 178, 551-5 | 3.1 | 17 |
| 47 | Allele-specific deletions in mouse tumors identify Fbxw7 as germline modifier of tumor susceptibility. *PLoS ONE*, **2012**, 7, e31301 | 3.7 | 10 |
| 46 | Inhibition of CK2 down-regulates Hedgehog/Gli signaling leading to a reduction of a stem-like side population in human lung cancer cells. *PLoS ONE*, **2012**, 7, e38996 | 3.7 | 54 |
| 45 | Gremlin is overexpressed in lung adenocarcinoma and increases cell growth and proliferation in normal lung cells. *PLoS ONE*, **2012**, 7, e42264 | 3.7 | 35 |
| 44 | Genetic differences in transcript responses to low-dose ionizing radiation identify tissue functions associated with breast cancer susceptibility. *PLoS ONE*, **2012**, 7, e45394 | 3.7 | 21 |
| 43 | Multiple novel alternative splicing forms of FBXW7 have a translational modulatory function and show specific alteration in human cancer. *PLoS ONE*, **2012**, 7, e49453 | 3.7 | 10 |
| 42 | Pten regulates Aurora-A and cooperates with Fbxw7 in modulating radiation-induced tumor development. *Molecular Cancer Research*, **2012**, 10, 834-44 | 6.6 | 56 |
| 41 | The expression of Dishevelled-3 and glutamine metabolism in malignant pleural mesothelioma. *Journal of Clinical Pathology*, **2012**, 65, 855-8 | 3.9 | 5 |
| 40 | Independent genetic control of early and late stages of chemically induced skin tumors in a cross of a Japanese wild-derived inbred mouse strain, MSM/Ms. *Carcinogenesis*, **2012**, 33, 2260-8 | 4.6 | 11 |
| 39 | Development of a rapid and practical mutation screening assay for human lung adenocarcinoma. *International Journal of Oncology*, **2012**, 40, 1900-6 | 4.4 | 1 |
| 38 | Evaluating the prognostic significance of FBXW7 expression level in human breast cancer by a meta-analysis of transcriptional profiles. *Journal of Cancer Science & Therapy*, **2012**, 4, 299-305 | 5 | 17 |
| 37 | Cancer evolution and individual susceptibility. *Integrative Biology (United Kingdom)*, **2011**, 3, 316-28 | 3.7 | 28 |
| 36 | Cul4A is an oncogene in malignant pleural mesothelioma. *Journal of Cellular and Molecular Medicine*, **2011**, 15, 350-8 | 5.6 | 56 |
| 35 | Radiation acts on the microenvironment to affect breast carcinogenesis by distinct mechanisms that decrease cancer latency and affect tumor type. *Cancer Cell*, **2011**, 19, 640-51 | 24.3 | 119 |
| 34 | Transgenic mice for cre-inducible overexpression of the Cul4A gene. *Genesis*, **2011**, 49, 134-41 | 1.9 | 11 |

| # | Reference | | |
|---|---|---|---|
| 33 | Gene transcriptional networks integrate microenvironmental signals in human breast cancer. *Integrative Biology (United Kingdom)*, **2011**, 3, 368-74 | 3.7 | 13 |
| 32 | Fine-tuning p53 activity through C-terminal modification significantly contributes to HSC homeostasis and mouse radiosensitivity. *Genes and Development*, **2011**, 25, 1426-38 | 12.6 | 39 |
| 31 | Progressive genomic instability in the FVB/Kras(LA2) mouse model of lung cancer. *Molecular Cancer Research*, **2011**, 9, 1339-45 | 6.6 | 20 |
| 30 | Functional polymorphism of the CK2alpha intronless gene plays oncogenic roles in lung cancer. *PLoS ONE*, **2010**, 5, e11418 | 3.7 | 23 |
| 29 | Polymorphic genetic control of tumor invasion in a mouse model of pancreatic neuroendocrine carcinogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 17268-73 | 11.5 | 16 |
| 28 | The expression level of HJURP has an independent prognostic impact and predicts the sensitivity to radiotherapy in breast cancer. *Breast Cancer Research*, **2010**, 12, R18 | 8.3 | 91 |
| 27 | Deletion of the PER3 gene on chromosome 1p36 in recurrent ER-positive breast cancer. *Journal of Clinical Oncology*, **2010**, 28, 3770-8 | 2.2 | 47 |
| 26 | Identification of hematein as a novel inhibitor of protein kinase CK2 from a natural product library. *BMC Cancer*, **2009**, 9, 135 | 4.8 | 21 |
| 25 | Genetic architecture of mouse skin inflammation and tumour susceptibility. *Nature*, **2009**, 458, 505-8 | 50.4 | 103 |
| 24 | Sequence divergence of Mus spretus and Mus musculus across a skin cancer susceptibility locus. *BMC Genomics*, **2008**, 9, 626 | 4.5 | 15 |
| 23 | Dissociation of epithelial and neuroendocrine carcinoma lineages in the transgenic adenocarcinoma of mouse prostate model of prostate cancer. *American Journal of Pathology*, **2008**, 172, 236-46 | 5.8 | 179 |
| 22 | FBXW7 targets mTOR for degradation and cooperates with PTEN in tumor suppression. *Science*, **2008**, 321, 1499-502 | 33.3 | 309 |
| 21 | Promotion of Hras-induced squamous carcinomas by a polymorphic variant of the Patched gene in FVB mice. *Nature*, **2007**, 445, 761-5 | 50.4 | 90 |
| 20 | Crosstalk between Aurora-A and p53: frequent deletion or downregulation of Aurora-A in tumors from p53 null mice. *Cancer Cell*, **2007**, 11, 161-73 | 24.3 | 65 |
| 19 | HIPK2 represses beta-catenin-mediated transcription, epidermal stem cell expansion, and skin tumorigenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 13040-5 | 11.5 | 110 |
| 18 | Amplification of PVT1 contributes to the pathophysiology of ovarian and breast cancer. *Clinical Cancer Research*, **2007**, 13, 5745-55 | 12.9 | 301 |
| 17 | Genetic variants of Tgfb1 act as context-dependent modifiers of mouse skin tumor susceptibility. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 8125-30 | 11.5 | 38 |
| 16 | A functional switch from lung cancer resistance to susceptibility at the Pas1 locus in Kras2LA2 mice. *Nature Genetics*, **2006**, 38, 926-30 | 36.3 | 59 |

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| 15 | Epigenome analyses using BAC microarrays identify evolutionary conservation of tissue-specific methylation of SHANK3. *Nature Genetics*, **2005**, 37, 645-51 | 36.3 | 143 |
| 14 | p63 and p73 do not contribute to p53-mediated lymphoma suppressor activity in vivo. *Oncogene*, **2005**, 24, 5521-4 | 9.2 | 30 |
| 13 | Mapping segmental and sequence variations among laboratory mice using BAC array CGH. *Genome Research*, **2005**, 15, 302-11 | 9.7 | 60 |
| 12 | Control of genomic instability and epithelial tumor development by the p53-Fbxw7/Cdc4 pathway. *Cancer Research*, **2005**, 65, 6488-92 | 10.1 | 33 |
| 11 | Crosstalk between Pten and Ras signaling pathways in tumor development. *Cell Cycle*, **2005**, 4, 1185-8 | 4.7 | 21 |
| 10 | Mutually exclusive mutations of the Pten and ras pathways in skin tumor progression. *Genes and Development*, **2004**, 18, 1800-5 | 12.6 | 52 |
| 9 | Genomic segmental polymorphisms in inbred mouse strains. *Nature Genetics*, **2004**, 36, 952-4 | 36.3 | 79 |
| 8 | Fbxw7/Cdc4 is a p53-dependent, haploinsufficient tumour suppressor gene. *Nature*, **2004**, 432, 775-9 | 50.4 | 309 |
| 7 | A mouse skin multistage carcinogenesis model reflects the aberrant DNA methylation patterns of human tumors. *Cancer Research*, **2004**, 64, 5527-34 | 10.1 | 180 |
| 6 | Genetic interactions between Pten and p53 in radiation-induced lymphoma development. *Oncogene*, **2003**, 22, 8379-85 | 9.2 | 41 |
| 5 | Identification of Stk6/STK15 as a candidate low-penetrance tumor-susceptibility gene in mouse and human. *Nature Genetics*, **2003**, 34, 403-12 | 36.3 | 285 |
| 4 | Genomic approaches to identification of tumour-susceptibility genes using mouse models. *Current Opinion in Genetics and Development*, **2003**, 13, 14-9 | 4.9 | 40 |
| 3 | Allele-specific Hras mutations and genetic alterations at tumor susceptibility loci in skin carcinomas from interspecific hybrid mice. *Cancer Research*, **2003**, 63, 4849-53 | 10.1 | 42 |
| 2 | Genome-wide detection of chromosomal imbalances in tumors using BAC microarrays. *Nature Biotechnology*, **2002**, 20, 393-6 | 44.5 | 147 |
| 1 | A two-stage model for childhood acute lymphoblastic leukemia: application to hereditary and nonhereditary leukemogenesis. *Mathematical Biosciences*, **1997**, 139, 1-24 | 3.9 | 4 |