

# Michael Hsiao

## List of Publications by Citations

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|--------------------|--------------------------|----------------|----------------|
| 337<br>papers      | 11,799<br>citations      | 55<br>h-index  | 89<br>g-index  |
| 359<br>ext. papers | 13,902<br>ext. citations | 7.2<br>avg, IF | 6.2<br>L-index |

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 337 | MicroRNA-122 plays a critical role in liver homeostasis and hepatocarcinogenesis. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 2884-97   | 15.9 | 606       |
| 336 | MicroRNA-122, a tumor suppressor microRNA that regulates intrahepatic metastasis of hepatocellular carcinoma. <i>Hepatology</i> , <b>2009</b> , 49, 1571-82   | 11.2 | 463       |
| 335 | H3K9 histone methyltransferase G9a promotes lung cancer invasion and metastasis by silencing the cell adhesion molecule Ep-CAM. <i>Cancer Research</i> , <b>2010</b> , 70, 7830-40  | 10.1 | 274       |
| 334 | Biocompatibility of Fe(3)O(4) nanoparticles evaluated by in vitro cytotoxicity assays using normal, glia and breast cancer cells. <i>Nanotechnology</i> , <b>2010</b> , 21, 75102   | 3.4  | 196       |
| 333 | Enhancement of cell radiation sensitivity by pegylated gold nanoparticles. <i>Physics in Medicine and Biology</i> , <b>2010</b> , 55, 931-45  | 3.8  | 175       |
| 332 | MicroRNA-330 acts as tumor suppressor and induces apoptosis of prostate cancer cells through E2F1-mediated suppression of Akt phosphorylation. <i>Oncogene</i> , <b>2009</b> , 28, 3360-70  | 9.2  | 174       |
| 331 | Seedless, silver-induced synthesis of star-shaped gold/silver bimetallic nanoparticles as high efficiency photothermal therapy reagent. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 2244-2253   |      | 171       |
| 330 | Tumor invasiveness and liver metastasis of colon cancer cells correlated with cyclooxygenase-2 (COX-2) expression and inhibited by a COX-2-selective inhibitor, etodolac. <i>International Journal of Cancer</i> , <b>2001</b> , 91, 894-9            | 7.5  | 170       |
| 329 | Fucosyltransferase 8 as a functional regulator of nonsmall cell lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 630-5  | 11.5 | 169       |
| 328 | IL-6 trans-signaling in formation and progression of malignant ascites in ovarian cancer. <i>Cancer Research</i> , <b>2011</b> , 71, 424-34   | 10.1 | 163       |
| 327 | Cisplatin selects for multidrug-resistant CD133+ cells in lung adenocarcinoma by activating Notch signaling. <i>Cancer Research</i> , <b>2013</b> , 73, 406-16  | 10.1 | 160       |
| 326 | Identification of SOX4 target genes using phylogenetic footprinting-based prediction from expression microarrays suggests that overexpression of SOX4 potentiates metastasis in hepatocellular carcinoma. <i>Oncogene</i> , <b>2008</b> , 27, 5578-89 | 9.2  | 158       |
| 325 | MicroRNA-373 (miR-373) post-transcriptionally regulates large tumor suppressor, homolog 2 (LATS2) and stimulates proliferation in human esophageal cancer. <i>Experimental Cell Research</i> , <b>2009</b> , 315, 2529-38                             | 4.2  | 149       |
| 324 | Trifluoperazine, an antipsychotic agent, inhibits cancer stem cell growth and overcomes drug resistance of lung cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 186, 1180-8                                 | 10.2 | 137       |
| 323 | Hypoxia-responsive miRNAs target argonaute 1 to promote angiogenesis. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 1057-67   | 15.9 | 134       |
| 322 | Autophagy promotes resistance to photodynamic therapy-induced apoptosis selectively in colorectal cancer stem-like cells. <i>Autophagy</i> , <b>2014</b> , 10, 1179-92  | 10.2 | 129       |
| 321 | TOPK/PBK promotes cell migration via modulation of the PI3K/PTEN/AKT pathway and is associated with poor prognosis in lung cancer. <i>Oncogene</i> , <b>2012</b> , 31, 2389-400   | 9.2  | 127       |

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|-----|--|------|-----|
| 320 | Biosensing, Cytotoxicity, and Cellular Uptake Studies of Surface-Modified Gold Nanorods. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 7574-7578   | 3.8  | 118 |
| 319 | miR-107 promotes tumor progression by targeting the let-7 microRNA in mice and humans. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 3442-55   | 15.9 | 111 |
| 318 | Melatonin inhibits MMP-9 transactivation and renal cell carcinoma metastasis by suppressing Akt-MAPKs pathway and NF- $\kappa$ B DNA-binding activity. <i>Journal of Pineal Research</i> , <b>2016</b> , 60, 277-90  | 10.4 | 107 |
| 317 | The H3K9 methyltransferase G9a is a marker of aggressive ovarian cancer that promotes peritoneal metastasis. <i>Molecular Cancer</i> , <b>2014</b> , 13, 189   | 42.1 | 102 |
| 316 | Activation of Robo1 signaling of breast cancer cells by Slit2 from stromal fibroblast restrains tumorigenesis via blocking PI3K/Akt/ $\beta$ catenin pathway. <i>Cancer Research</i> , <b>2012</b> , 72, 4652-61   | 10.1 | 100 |
| 315 | MiR-520h-mediated FOXC2 regulation is critical for inhibition of lung cancer progression by resveratrol. <i>Oncogene</i> , <b>2013</b> , 32, 431-43  | 9.2  | 98  |
| 314 | The STAT3-miRNA-92-Wnt Signaling Pathway Regulates Spheroid Formation and Malignant Progression in Ovarian Cancer. <i>Cancer Research</i> , <b>2017</b> , 77, 1955-1967  | 10.1 | 96  |
| 313 | Loss of E-cadherin expression correlates with poor differentiation and invasion into adjacent organs in gastric adenocarcinomas. <i>Cancer Letters</i> , <b>2003</b> , 201, 97-106   | 9.9  | 93  |
| 312 | CYR61 regulates BMP-2-dependent osteoblast differentiation through the $\alpha$ $\beta$ 3 integrin/integrin-linked kinase/ERK pathway. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 31325-36  | 5.4  | 91  |
| 311 | Downregulated miR329 and miR410 promote the proliferation and invasion of oral squamous cell carcinoma by targeting Wnt-7b. <i>Cancer Research</i> , <b>2014</b> , 74, 7560-72   | 10.1 | 89  |
| 310 | miR-105/93-3p promotes chemoresistance and circulating miR-105/93-3p acts as a diagnostic biomarker for triple negative breast cancer. <i>Breast Cancer Research</i> , <b>2017</b> , 19, 133   | 8.3  | 87  |
| 309 | Aberrant KDM5B expression promotes aggressive breast cancer through MALAT1 overexpression and downregulation of hsa-miR-448. <i>BMC Cancer</i> , <b>2016</b> , 16, 160   | 4.8  | 85  |
| 308 | Upregulation of miR-328 and inhibition of CREB-DNA-binding activity are critical for resveratrol-mediated suppression of matrix metalloproteinase-2 and subsequent metastatic ability in human osteosarcomas. <i>Oncotarget</i> , <b>2015</b> , 6, 2736-53 | 3.3  | 82  |
| 307 | MicroRNA-296-5p (miR-296-5p) functions as a tumor suppressor in prostate cancer by directly targeting Pin1. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2014</b> , 1843, 2055-66   | 4.9  | 80  |
| 306 | Stage-specific embryonic antigen-4 as a potential therapeutic target in glioblastoma multiforme and other cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 2482-7                      | 11.5 | 77  |
| 305 | hNaa10p contributes to tumorigenesis by facilitating DNMT1-mediated tumor suppressor gene silencing. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 2920-30   | 15.9 | 77  |
| 304 | Integrative transcriptome sequencing identifies trans-splicing events with important roles in human embryonic stem cell pluripotency. <i>Genome Research</i> , <b>2014</b> , 24, 25-36   | 9.7  | 74  |
| 303 | Glycine N-methyltransferase-/- mice develop chronic hepatitis and glycogen storage disease in the liver. <i>Hepatology</i> , <b>2007</b> , 46, 1413-25   | 11.2 | 73  |

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|-----|--|------|----|
| 302 | MicroRNA-18a is elevated in prostate cancer and promotes tumorigenesis through suppressing STK4 in vitro and in vivo. <i>Oncogenesis</i> , <b>2014</b> , 3, e99  | 6.6  | 72 |
| 301 | N-Acetyltransferase 10 protein suppresses cancer cell metastasis by binding PIX proteins and inhibiting Cdc42/Rac1 activity. <i>Cancer Cell</i> , <b>2011</b> , 19, 218-31   | 24.3 | 72 |
| 300 | Glycoprotein B7-H3 overexpression and aberrant glycosylation in oral cancer and immune response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 13057-62  | 11.5 | 71 |
| 299 | Minimizing the Heat Effect of Photodynamic Therapy Based on Inorganic Nanocomposites Mediated by 808 nm Near-Infrared Light. <i>Small</i> , <b>2017</b> , 13, 1700038  | 11   | 70 |
| 298 | Plasmon-Enhanced Photodynamic Cancer Therapy by Upconversion Nanoparticles Conjugated with Au Nanorods. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 32108-32119   | 9.5  | 69 |
| 297 | Quercetin induces mitochondrial-derived apoptosis via reactive oxygen species-mediated ERK activation in HL-60 leukemia cells and xenograft. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 1103-17   | 5.8  | 65 |
| 296 | Angiopoietin-like protein 1 suppresses SLUG to inhibit cancer cell motility. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 1082-95   | 15.9 | 65 |
| 295 | Evaluations of the Chemical Stability and Cytotoxicity of CuInS <sub>2</sub> and CuInS <sub>2</sub> /ZnS Core/Shell Quantum Dots. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 2852-2860  | 3.8  | 64 |
| 294 | Minocycline inhibits the growth of glioma by inducing autophagy. <i>Autophagy</i> , <b>2011</b> , 7, 166-75  | 10.2 | 64 |
| 293 | Resveratrol decreases fructose-induced oxidative stress, mediated by NADPH oxidase via an AMPK-dependent mechanism. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 2739-50  | 8.6  | 63 |
| 292 | Fibroblast activation protein augments progression and metastasis of pancreatic ductal adenocarcinoma. <i>JCI Insight</i> , <b>2017</b> , 2,   | 9.9  | 63 |
| 291 | Angiotensin II inhibits neuronal nitric oxide synthase activation through the ERK1/2-RSK signaling pathway to modulate central control of blood pressure. <i>Circulation Research</i> , <b>2010</b> , 106, 788-95  | 15.7 | 61 |
| 290 | Vascular endothelial growth factor-C (VEGF-C) promotes angiogenesis by induction of COX-2 in leukemic cells via the VEGF-R3/JNK/AP-1 pathway. <i>Carcinogenesis</i> , <b>2009</b> , 30, 2005-13  | 4.6  | 60 |
| 289 | Quercetin suppresses the metastatic ability of lung cancer through inhibiting Snail-dependent Akt activation and Snail-independent ADAM9 expression pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2017</b> , 1864, 1746-1758 | 4.9  | 58 |
| 288 | Adenylate kinase-4 is a marker of poor clinical outcomes that promotes metastasis of lung cancer by downregulating the transcription factor ATF3. <i>Cancer Research</i> , <b>2012</b> , 72, 5119-29   | 10.1 | 58 |
| 287 | Endoplasmic reticulum ribosome-binding protein 1 (RRBP1) overexpression is frequently found in lung cancer patients and alleviates intracellular stress-induced apoptosis through the enhancement of GRP78. <i>Oncogene</i> , <b>2013</b> , 32, 4921-31      | 9.2  | 57 |
| 286 | Near-Infrared Light-Mediated Photodynamic Therapy Nanoplatfrom by the Electrostatic Assembly of Upconversion Nanoparticles with Graphitic Carbon Nitride Quantum Dots. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 10267-10277                            | 5.1  | 57 |
| 285 | Diverse Targets of E-Catenin during the Epithelial-Mesenchymal Transition Define Cancer Stem Cells and Predict Disease Relapse. <i>Cancer Research</i> , <b>2015</b> , 75, 3398-410  | 10.1 | 56 |

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| 284 | A sesquiterpene lactone antrocin from <i>Antrodia camphorata</i> negatively modulates JAK2/STAT3 signaling via microRNA let-7c and induces apoptosis in lung cancer cells. <i>Carcinogenesis</i> , <b>2013</b> , 34, 2918-2928                                       | 4.6  | 56 |
| 283 | Intracavitary liposome-mediated p53 gene transfer into glioblastoma with endogenous wild-type p53 in vivo results in tumor suppression and long-term survival. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 233, 359-64                | 3.4  | 56 |
| 282 | Plasmon-induced hyperthermia: hybrid upconversion NaYF:Yb/Er and gold nanomaterials for oral cancer photothermal therapy. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 8293-8302   | 7.3  | 55 |
| 281 | By inhibiting snail signaling and miR-23a-3p, osthole suppresses the EMT-mediated metastatic ability in prostate cancer. <i>Oncotarget</i> , <b>2015</b> , 6, 21120-36   | 3.3  | 55 |
| 280 | Ovatodiolide suppresses colon tumorigenesis and prevents polarization of M2 tumor-associated macrophages through YAP oncogenic pathways. <i>Journal of Hematology and Oncology</i> , <b>2017</b> , 10, 60  | 22.4 | 53 |
| 279 | Roles of Aldolase Family Genes in Human Cancers and Diseases. <i>Trends in Endocrinology and Metabolism</i> , <b>2018</b> , 29, 549-559  | 8.8  | 52 |
| 278 | Downregulation of microRNA miR-520h by E1A contributes to anticancer activity. <i>Cancer Research</i> , <b>2010</b> , 70, 5096-108   | 10.1 | 52 |
| 277 | Single 808 nm Laser Treatment Comprising Photothermal and Photodynamic Therapies by Using Gold Nanorods Hybrid Upconversion Particles. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 2402-2412   | 3.8  | 51 |
| 276 | Periostin in tumor microenvironment is associated with poor prognosis and platinum resistance in epithelial ovarian carcinoma. <i>Oncotarget</i> , <b>2016</b> , 7, 4036-47  | 3.3  | 51 |
| 275 | Feedback regulation of ALDOA activates the HIF-1 $\alpha$ /MMP9 axis to promote lung cancer progression. <i>Cancer Letters</i> , <b>2017</b> , 403, 28-36  | 9.9  | 50 |
| 274 | Glycolipid GD3 and GD3 synthase are key drivers for glioblastoma stem cells and tumorigenicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 5592-7   | 11.5 | 50 |
| 273 | Systemic human orbital fat-derived stem/stromal cell transplantation ameliorates acute inflammation in lipopolysaccharide-induced acute lung injury. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 1245-53   | 1.4  | 48 |
| 272 | Comparisons of norcantharidin cytotoxic effects on oral cancer cells and normal buccal keratinocytes. <i>Oral Oncology</i> , <b>2003</b> , 39, 19-26   | 4.4  | 48 |
| 271 | Inhibition of G9a induces DUSP4-dependent autophagic cell death in head and neck squamous cell carcinoma. <i>Molecular Cancer</i> , <b>2014</b> , 13, 172  | 42.1 | 47 |
| 270 | Genetic organization of alpha-bungarotoxins from <i>Bungarus multicinctus</i> (Taiwan banded krait): evidence showing that the production of alpha-bungarotoxin isotoxins is not derived from edited mRNAs. <i>Nucleic Acids Research</i> , <b>1999</b> , 27, 3970-5 | 20.1 | 47 |
| 269 | Targeting polymeric fluorescent nanodiamond-gold/silver multi-functional nanoparticles as a light-transforming hyperthermia reagent for cancer cells. <i>Nanoscale</i> , <b>2013</b> , 5, 3931-40  | 7.7  | 46 |
| 268 | Gastric juice acidity in upper gastrointestinal diseases. <i>World Journal of Gastroenterology</i> , <b>2010</b> , 16, 5496-501  | 5.01 | 46 |
| 267 | Loss of RUNX3 expression correlates with differentiation, nodal metastasis, and poor prognosis of gastric cancer. <i>Annals of Surgical Oncology</i> , <b>2009</b> , 16, 1686-94   | 3.1  | 46 |

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| 266 | A novel long non-coding RNA linc-ZNF469-3 promotes lung metastasis through miR-574-5p-ZEB1 axis in triple negative breast cancer. <i>Oncogene</i> , <b>2018</b> , 37, 4662-4678  | 9.2  | 45 |
| 265 | Pyruvate kinase M2 promotes pancreatic ductal adenocarcinoma invasion and metastasis through phosphorylation and stabilization of PAK2 protein. <i>Oncogene</i> , <b>2018</b> , 37, 1730-1742  | 9.2  | 44 |
| 264 | Graphitic carbon nitride-based nanocomposites and their biological applications: a review. <i>Nanoscale</i> , <b>2019</b> , 11, 14993-15003  | 7.7  | 44 |
| 263 | Norcantharidin-induced post-G(2)/M apoptosis is dependent on wild-type p53 gene. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 276, 278-85  | 3.4  | 44 |
| 262 | Nanobubble-embedded inorganic 808nm excited upconversion nanocomposites for tumor multiple imaging and treatment. <i>Chemical Science</i> , <b>2018</b> , 9, 3141-3151   | 9.4  | 43 |
| 261 | Functional expression of human p21(WAF1/CIP1) gene in rat glioma cells suppresses tumor growth in vivo and induces radiosensitivity. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 233, 329-35                        | 3.4  | 43 |
| 260 | Alpha1-antitrypsin precursor in gastric juice is a novel biomarker for gastric cancer and ulcer. <i>Clinical Cancer Research</i> , <b>2007</b> , 13, 876-83  | 12.9 | 43 |
| 259 | Silencing JARID1B suppresses oncogenicity, stemness and increases radiation sensitivity in human oral carcinoma. <i>Cancer Letters</i> , <b>2015</b> , 368, 36-45  | 9.9  | 42 |
| 258 | Stage-specific embryonic antigen-3 (SSEA-3) and BgalT5 are cancer specific and significant markers for breast cancer stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 960-5 | 11.5 | 42 |
| 257 | Simvastatin inhibits cysteine-rich protein 61 expression in rheumatoid arthritis synovial fibroblasts through the regulation of sirtuin-1/FoxO3a signaling. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 639-49                             |      | 42 |
| 256 | Nitric oxide promotes infectious bone resorption by enhancing cytokine-stimulated interstitial collagenase synthesis in osteoblasts. <i>Journal of Bone and Mineral Research</i> , <b>2003</b> , 18, 39-46   | 6.3  | 42 |
| 255 | IL-8 induces miR-424-5p expression and modulates SOCS2/STAT5 signaling pathway in oral squamous cell carcinoma. <i>Molecular Oncology</i> , <b>2016</b> , 10, 895-909  | 7.9  | 42 |
| 254 | Lipocalin 2 prevents oral cancer metastasis through carbonic anhydrase IX inhibition and is associated with favourable prognosis. <i>Carcinogenesis</i> , <b>2016</b> , 37, 712-722  | 4.6  | 42 |
| 253 | Essential roles of caspases and their upstream regulators in rotenone-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 371, 33-8  | 3.4  | 41 |
| 252 | Secretory RAB GTPase 3C modulates IL6-STAT3 pathway to promote colon cancer metastasis and is associated with poor prognosis. <i>Molecular Cancer</i> , <b>2017</b> , 16, 135  | 42.1 | 40 |
| 251 | Ghrelin and cancer progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2017</b> , 1868, 51-57  | 11.2 | 39 |
| 250 | Nonautophagic cytoplasmic vacuolation death induction in human PC-3M prostate cancer by curcumin through reactive oxygen species -mediated endoplasmic reticulum stress. <i>Scientific Reports</i> , <b>2015</b> , 5, 10420                        | 4.9  | 39 |
| 249 | Nitric oxide promotes the progression of periapical lesion via inducing macrophage and osteoblast apoptosis. <i>Oral Microbiology and Immunology</i> , <b>2007</b> , 22, 24-9  |      | 39 |



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|-----|--|------|----|
| 248 | Sequential expressions of MMP-1, TIMP-1, IL-6, and COX-2 genes in induced periapical lesions in rats. <i>European Journal of Oral Sciences</i> , <b>2002</b> , 110, 246-53   | 2.3  | 39 |
| 247 | Elevation of $\beta$ -galactoside $\alpha$ ,6-sialyltransferase 1 in a fructoseresponsive manner promotes pancreatic cancer metastasis. <i>Oncotarget</i> , <b>2017</b> , 8, 7691-7709   | 3.3  | 39 |
| 246 | WW domain-containing oxidoreductase promotes neuronal differentiation via negative regulation of glycogen synthase kinase 3 <i>Cell Death and Differentiation</i> , <b>2012</b> , 19, 1049-59  | 12.7 | 38 |
| 245 | Investigation of the Growth Mechanism of Iron Oxide Nanoparticles via a Seed-Mediated Method and Its Cytotoxicity Studies. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 15684-15690   | 3.8  | 38 |
| 244 | Glutaminase 2 stabilizes Dicer to repress Snail and metastasis in hepatocellular carcinoma cells. <i>Cancer Letters</i> , <b>2016</b> , 383, 282-294   | 9.9  | 37 |
| 243 | 3'RTR polymorphisms of carbonic anhydrase IX determine the miR-34a targeting efficiency and prognosis of hepatocellular carcinoma. <i>Scientific Reports</i> , <b>2017</b> , 7, 4466   | 4.9  | 37 |
| 242 | FOXO3a-Dependent Mechanism of E1A-Induced Chemosensitization. <i>Cancer Research</i> , <b>2011</b> , 71, 6878-87   | 10.1 | 37 |
| 241 | Nitric oxide produced by iNOS is associated with collagen synthesis in keloid scar formation. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2006</b> , 14, 327-34   | 5    | 37 |
| 240 | In situ Akt phosphorylation in the nucleus tractus solitarii is involved in central control of blood pressure and heart rate. <i>Circulation</i> , <b>2004</b> , 110, 2476-83  | 16.7 | 37 |
| 239 | GLT1 promotes lung cancer cell metastasis through modulating Rac1/Cdc42 activity and is associated with poor prognosis. <i>Oncotarget</i> , <b>2015</b> , 6, 36278-91  | 3.3  | 37 |
| 238 | Adenylate kinase 4 modulates oxidative stress and stabilizes HIF-1 $\alpha$ to drive lung adenocarcinoma metastasis. <i>Journal of Hematology and Oncology</i> , <b>2019</b> , 12, 12  | 22.4 | 36 |
| 237 | Squalene synthase induces tumor necrosis factor receptor 1 enrichment in lipid rafts to promote lung cancer metastasis. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 190, 675-87                                    | 10.2 | 36 |
| 236 | Leukocyte cell-derived chemotaxin 2 antagonizes MET receptor activation to suppress hepatocellular carcinoma vascular invasion by protein tyrosine phosphatase 1B recruitment. <i>Hepatology</i> , <b>2014</b> , 59, 974-85                              | 11.2 | 36 |
| 235 | Meiotic competent human germ cell-like cells derived from human embryonic stem cells induced by BMP4/WNT3A signaling and OCT4/EpCAM (epithelial cell adhesion molecule) selection. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 14389-401 | 5.4  | 35 |
| 234 | DDX3 as a strongest prognosis marker and its downregulation promotes metastasis in colorectal cancer. <i>Oncotarget</i> , <b>2015</b> , 6, 18602-12  | 3.3  | 35 |
| 233 | Targeting the SPOCK1-snail/slug axis-mediated epithelial-to-mesenchymal transition by apigenin contributes to repression of prostate cancer metastasis. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2019</b> , 38, 246              | 12.8 | 33 |
| 232 | Keap1-Nrf2 Interaction Suppresses Cell Motility in Lung Adenocarcinomas by Targeting the S100P Protein. <i>Clinical Cancer Research</i> , <b>2015</b> , 21, 4719-32  | 12.9 | 33 |
| 231 | Wnt Signaling Regulates Blood Pressure by Downregulating a GSK-3 $\beta$ -Mediated Pathway to Enhance Insulin Signaling in the Central Nervous System. <i>Diabetes</i> , <b>2015</b> , 64, 3413-24   | 0.9  | 33 |

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| 230 | Nuclear translocation of PKM2/AMPK complex sustains cancer stem cell populations under glucose restriction stress. <i>Cancer Letters</i> , <b>2018</b> , 421, 28-40  | 9.9  | 33 |
| 229 | Selective killing of cancer cells by nanoparticle-assisted ultrasound. <i>Journal of Nanobiotechnology</i> , <b>2016</b> , 14, 46  | 9.4  | 33 |
| 228 | MMP2-sensing up-conversion nanoparticle for fluorescence biosensing in head and neck cancer cells. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 80, 131-139  | 11.8 | 33 |
| 227 | Chitosan-Modified Stable Colloidal Gold Nanostars for the Photothermalolysis of Cancer Cells. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 2396-2410  | 3.8  | 33 |
| 226 | Hispolon induces apoptosis through JNK1/2-mediated activation of a caspase-8, -9, and -3-dependent pathway in acute myeloid leukemia (AML) cells and inhibits AML xenograft tumor growth in vivo. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 10063-73 | 5.7  | 33 |
| 225 | Preclinical investigation of ibrutinib, a Bruton's kinase tyrosine (Btk) inhibitor, in suppressing glioma tumorigenesis and stem cell phenotypes. <i>Oncotarget</i> , <b>2016</b> , 7, 69961-69975   | 3.3  | 33 |
| 224 | 4-Acetylanthroquinonol B inhibits colorectal cancer tumorigenesis and suppresses cancer stem-like phenotype. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 288, 258-68  | 4.6  | 32 |
| 223 | CLEC5A is a critical receptor in innate immunity against <i>Listeria</i> infection. <i>Nature Communications</i> , <b>2017</b> , 8, 299  | 17.4 | 32 |
| 222 | Dysregulation of RUNX2/Activin-A Axis upon miR-376c Downregulation Promotes Lymph Node Metastasis in Head and Neck Squamous Cell Carcinoma. <i>Cancer Research</i> , <b>2016</b> , 76, 7140-7150   | 10.1 | 32 |
| 221 | Cytosolic PKM2 stabilizes mutant EGFR protein expression through regulating HSP90-EGFR association. <i>Oncogene</i> , <b>2016</b> , 35, 3387-98  | 9.2  | 32 |
| 220 | Ghrelin promotes renal cell carcinoma metastasis via Snail activation and is associated with poor prognosis. <i>Journal of Pathology</i> , <b>2015</b> , 237, 50-61  | 9.4  | 32 |
| 219 | RUNX3-mediated transcriptional inhibition of Akt suppresses tumorigenesis of human gastric cancer cells. <i>Oncogene</i> , <b>2012</b> , 31, 4302-16   | 9.2  | 32 |
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