

# Changhwan Yoon

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

2,651  
citations

201575

27  
h-index

189801

50  
g-index

59  
all docs

59  
docs citations

59  
times ranked

4922  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Involvement of Autophagy in Oncogenic K-Ras-induced Malignant Cell Transformation. <i>Journal of Biological Chemistry</i> , 2011, 286, 12924-12932.   | 1.6 | 196       |
| 2  | Circular RNA circ-RanGAP1 regulates VEGFA expression by targeting miR-877â€³p to facilitate gastric cancer invasion and metastasis. <i>Cancer Letters</i> , 2020, 471, 38-48.   | 3.2 | 185       |
| 3  | Claudin-1 induces epithelialâ€mesenchymal transition through activation of the c-Abl-ERK signaling pathway in human liver cells. <i>Oncogene</i> , 2013, 32, 4873-4882.   | 2.6 | 182       |
| 4  | CD44 Expression Denotes a Subpopulation of Gastric Cancer Cells in Which Hedgehog Signaling Promotes Chemotherapy Resistance. <i>Clinical Cancer Research</i> , 2014, 20, 3974-3988.  | 3.2 | 159       |
| 5  | The Rac1/MKK7/JNK pathway signals upregulation of Atg5 and subsequent autophagic cell death in response to oncogenic Ras. <i>Carcinogenesis</i> , 2009, 30, 1880-1888.  | 1.3 | 124       |
| 6  | Imatinib Mesylate Reduces Endoplasmic Reticulum Stress and Induces Remission of Diabetes in <i>db/db</i> Mice. <i>Diabetes</i> , 2009, 58, 329-336.   | 0.3 | 106       |
| 7  | Lauren Histologic Type Is the Most Important Factor Associated With Pattern of Recurrence Following Resection of Gastric Adenocarcinoma. <i>Annals of Surgery</i> , 2018, 267, 105-113.   | 2.1 | 103       |
| 8  | c-Jun N-terminal kinase has a pivotal role in the maintenance of self-renewal and tumorigenicity in glioma stem-like cells. <i>Oncogene</i> , 2012, 31, 4655-4666.  | 2.6 | 95        |
| 9  | Claudin-1 Acts through c-Abl-Protein Kinase C $\beta$ (PKC $\beta$ ) Signaling and Has a Causal Role in the Acquisition of Invasive Capacity in Human Liver Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 226-233.                       | 1.6 | 92        |
| 10 | Chemotherapy Resistance in Diffuse-Type Gastric Adenocarcinoma Is Mediated by RhoA Activation in Cancer Stem-Like Cells. <i>Clinical Cancer Research</i> , 2016, 22, 971-983.   | 3.2 | 89        |
| 11 | PTTG1 Oncogene Promotes Tumor Malignancy via Epithelial to Mesenchymal Transition and Expansion of Cancer Stem Cell Population. <i>Journal of Biological Chemistry</i> , 2012, 287, 19516-19527.  | 1.6 | 86        |
| 12 | Reactive Oxygen Species-Dependent Activation of Bax and Poly(ADP-ribose) Polymerase-1 Is Required for Mitochondrial Cell Death Induced by Triterpenoid Pristimerin in Human Cervical Cancer Cells. <i>Molecular Pharmacology</i> , 2009, 76, 734-744. | 1.0 | 82        |
| 13 | Role of Rac1 Pathway in Epithelial-to-Mesenchymal Transition and Cancer Stem-like Cell Phenotypes in Gastric Adenocarcinoma. <i>Molecular Cancer Research</i> , 2017, 15, 1106-1116.  | 1.5 | 74        |
| 14 | Combining PARP-1 Inhibition and Radiation in Ewing Sarcoma Results in Lethal DNA Damage. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 2591-2600.  | 1.9 | 71        |
| 15 | <i>KMT2C</i> Mutations in Diffuse-Type Gastric Adenocarcinoma Promote Epithelial-to-Mesenchymal Transition. <i>Clinical Cancer Research</i> , 2018, 24, 6556-6569.  | 3.2 | 70        |
| 16 | Eckol suppresses maintenance of stemness and malignancies in glioma stem-like cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 254, 32-40.   | 1.3 | 57        |
| 17 | Oncogenic KRAS and p53 Loss Drive Gastric Tumorigenesis in Mice That Can Be Attenuated by E-Cadherin Expression. <i>Cancer Research</i> , 2017, 77, 5349-5359.  | 0.4 | 56        |
| 18 | Vascular Endothelial Growth Factor A Inhibition in Gastric Cancer. <i>Gastric Cancer</i> , 2015, 18, 33-42.   | 2.7 | 55        |

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|----|---|-----|-----------|
| 19 | The effects of outdoor air supply rate on work performance during 8-h work period. <i>Indoor Air</i> , 2011, 21, 284-290.   | 2.0 | 51        |
| 20 | ERK1/2-Nanog signaling pathway enhances CD44(+) cancer stem-like cell phenotypes and epithelial-to-mesenchymal transition in head and neck squamous cell carcinomas. <i>Cell Death and Disease</i> , 2020, 11, 266. | 2.7 | 48        |
| 21 | Titanium dioxide induces apoptotic cell death through reactive oxygen species-mediated Fas upregulation and Bax activation. <i>International Journal of Nanomedicine</i> , 2012, 7, 1203.                           | 3.3 | 47        |
| 22 | The small GTPase Rac1 is involved in the maintenance of stemness and malignancies in glioma stem-like cells. <i>FEBS Letters</i> , 2011, 585, 2331-2338.  | 1.3 | 45        |
| 23 | Importance of PKC $\delta$ signaling in fractionated-radiation-induced expansion of glioma-initiating cells and resistance to cancer treatment. <i>Journal of Cell Science</i> , 2011, 124, 3084-3094.              | 1.2 | 44        |
| 24 | Decreased lactate dehydrogenase B expression enhances claudin 1-mediated hepatoma cell invasiveness via mitochondrial defects. <i>Experimental Cell Research</i> , 2011, 317, 1108-1118.                            | 1.2 | 42        |
| 25 | UFM1 suppresses invasive activities of gastric cancer cells by attenuating the expression of PDK1 through PI3K/AKT signaling. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 410.          | 3.5 | 42        |
| 26 | PI3K/Akt pathway and Nanog maintain cancer stem cells in sarcomas. <i>Oncogenesis</i> , 2021, 10, 12.   | 2.1 | 38        |
| 27 | KRAS Activation in Gastric Adenocarcinoma Stimulates Epithelial-to-Mesenchymal Transition to Cancer Stem-Like Cells and Promotes Metastasis. <i>Molecular Cancer Research</i> , 2019, 17, 1945-1957.                | 1.5 | 31        |
| 28 | Prognostic Significance of Targetable Angiogenic and Growth Factors in Patients Undergoing Resection for Gastric and Gastroesophageal Junction Cancers. <i>Annals of Surgical Oncology</i> , 2014, 21, 1130-1137.   | 0.7 | 29        |
| 29 | Platelet-derived growth factor receptor- $\alpha$ and - $\beta$ promote cancer stem cell phenotypes in sarcomas. <i>Oncogenesis</i> , 2018, 7, 47.  | 2.1 | 28        |
| 30 | Triterpenoid pristimerin synergizes with taxol to induce cervical cancer cell death through reactive oxygen species-mediated mitochondrial dysfunction. <i>Anti-Cancer Drugs</i> , 2011, 22, 763-773.               | 0.7 | 26        |
| 31 | Serum VEGF-A and Tumor Vessel VEGFR-2 Levels Predict Survival in Caucasian but Not Asian Patients Undergoing Resection for Gastric Adenocarcinoma. <i>Annals of Surgical Oncology</i> , 2015, 22, 1508-1515.        | 0.7 | 26        |
| 32 | CDX1 Expression Induced by CagA-Expressing <i>Helicobacter pylori</i> Promotes Gastric Tumorigenesis. <i>Molecular Cancer Research</i> , 2019, 17, 2169-2183.   | 1.5 | 25        |
| 33 | Activation of p38 Mitogen-Activated Protein Kinase Is Required for Death Receptor-Independent Caspase-8 Activation and Cell Death in Response to Sphingosine. <i>Molecular Cancer Research</i> , 2009, 7, 361-370.  | 1.5 | 24        |
| 34 | Hypoxia-activated chemotherapeutic TH-302 enhances the effects of VEGF-A inhibition and radiation on sarcomas. <i>British Journal of Cancer</i> , 2015, 113, 46-56.   | 2.9 | 24        |
| 35 | Role of lymphocyte-specific protein tyrosine kinase (LCK) in the expansion of glioma-initiating cells by fractionated radiation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 631-636.   | 1.0 | 22        |
| 36 | Lymphatic metastasis-related TBL1XR1 enhances stemness and metastasis in gastric cancer stem-like cells by activating ERK1/2-SOX2 signaling. <i>Oncogene</i> , 2021, 40, 922-936.                                   | 2.6 | 20        |

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|----|---|-----|-----------|
| 37 | Multimodal targeting of tumor vasculature and cancer stem-like cells in sarcomas with VEGF-A inhibition, HIF-1 $\alpha$ inhibition, and hypoxia-activated chemotherapy. <i>Oncotarget</i> , 2016, 7, 42844-42858.                       | 0.8 | 18        |
| 38 | Oncogenic Ras Signals through Activation of Both Phosphoinositide 3-Kinase and Rac1 to Induce c-Jun NH2-Terminal Kinase-Mediated, Caspase-Independent Cell Death. <i>Molecular Cancer Research</i> , 2009, 7, 1534-1542.                | 1.5 | 17        |
| 39 | PIK3R3, part of the regulatory domain of PI3K, is upregulated in sarcoma stem-like cells and promotes invasion, migration, and chemotherapy resistance. <i>Cell Death and Disease</i> , 2021, 12, 749.                                  | 2.7 | 16        |
| 40 | Development and validation of a staging system for gastric adenocarcinoma after neoadjuvant chemotherapy and gastrectomy with D2 lymphadenectomy. <i>British Journal of Surgery</i> , 2019, 106, 1187-1196.                             | 0.1 | 12        |
| 41 | Tumorigenic mechanisms of estrogen and <i>Helicobacter pylori</i> cytotoxin-associated gene A in estrogen receptor $\alpha$ -positive diffuse-type gastric adenocarcinoma. <i>Gastric Cancer</i> , 2022, 25, 678-696.                   | 2.7 | 12        |
| 42 | Activation of Lck is critically required for sphingosine-induced conformational activation of Bak and mitochondrial cell death. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 353-358.                        | 1.0 | 11        |
| 43 | A New 2-Pyrone Derivative, 5-Bromo-3-(3-hydroxyprop-1-ynyl)-2H-pyran-2-one, Suppresses Stemness in Glioma Stem-Like Cells. <i>Molecular Pharmacology</i> , 2012, 82, 400-407.   | 1.0 | 11        |
| 44 | Long-Term Survival after Minimally Invasive Versus Open Gastrectomy for Gastric Adenocarcinoma: A Propensity Score-Matched Analysis of Patients in the United States and China. <i>Annals of Surgical Oncology</i> , 2020, 27, 802-811. | 0.7 | 10        |
| 45 | CDK5RAP3 as tumour suppressor negatively regulates self-renewal and invasion and is regulated by ERK1/2 signalling in human gastric cancer. <i>British Journal of Cancer</i> , 2020, 123, 1131-1144.                                    | 2.9 | 10        |
| 46 | Increased RhoA Activity Predicts Worse Overall Survival in Patients Undergoing Surgical Resection for Lauren Diffuse-Type Gastric Adenocarcinoma. <i>Annals of Surgical Oncology</i> , 2016, 23, 4238-4246.                             | 0.7 | 6         |
| 47 | Comparison of Outcomes for Elderly Gastric Cancer Patients at Least 80 Years of Age Following Gastrectomy in the United States and China. <i>Annals of Surgical Oncology</i> , 2018, 25, 3629-3638.                                     | 0.7 | 6         |
| 48 | Increased CD44 Expression and MEK Activity Predict Worse Prognosis in Gastric Adenocarcinoma Patients Undergoing Gastrectomy. <i>Journal of Gastrointestinal Surgery</i> , 2021, 25, 1147-1155.   | 0.9 | 6         |
| 49 | A new 2-pyrone derivative, 5-bromo-3-(3-hydroxyprop-1-ynyl)-2H-pyran-2-one, synergistically enhances radiation sensitivity in human cervical cancer cells. <i>Anti-Cancer Drugs</i> , 2012, 23, 43-50.                                  | 0.7 | 4         |
| 50 | FOXC1 modulates stem-like cell properties and chemoresistance through Hedgehog and EMT signaling in gastric adenocarcinoma. <i>Molecular Therapy</i> , 2021, , .  | 3.7 | 4         |
| 51 | Platelet-Derived Growth Factor Receptor Alpha Promotes Cancer Stem-Like Cell Phenotypes in Sarcomas Including Metastasis and Chemotherapy Resistance. <i>Journal of the American College of Surgeons</i> , 2016, 223, S142-S143.        | 0.2 | 1         |
| 52 | Abstract 4680: KRAS activation in gastric adenocarcinoma stimulates epithelial-to-mesenchymal transition to cancer stem-like cells and promotes metastasis. , 2019, , .   |     | 1         |
| 53 | Abstract 4680: KRAS activation in gastric adenocarcinoma stimulates epithelial-to-mesenchymal transition to cancer stem-like cells and promotes metastasis. , 2019, , .   |     | 1         |
| 54 | Abstract 3873: Hedgehog signaling maintains gastric cancer stem cells and promotes chemotherapy resistance: results from laboratory and clinical studies. , 2014, , .   |     | 0         |

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|----|---|----|-----------|
| 55 | Abstract 4414: RhoA activation in diffuse type gastric adenocarcinoma promotes cancer stem cell phenotypes including chemotherapy resistance. , 2015, , .   |    | 0         |
| 56 | Abstract 893: Diffuse gastric adenocarcinoma often harborsKMT2Cmutations resulting in malignant phenotypes and worse overall survival. , 2016, , .  |    | 0         |
| 57 | Abstract 2897: Oncogenic Kras activation in gastric adenocarcinoma promotes cancer stem cell phenotypes including metastasis & chemotherapy resistance. , 2017, , .   |    | 0         |
| 58 | Abstract 2899: Hypoxia-inducible factor 1- $\beta$ maintains sarcoma stem-like cells in hypoxic regions of tumors and promotes migration and invasion via upregulation of platelet-derived growth factor receptors. , 2017, , . |    | 0         |