

# Lin Zhang

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7189915/lin-zhang-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

154  
papers

27,297  
citations

61  
h-index

161  
g-index

161  
ext. papers

29,931  
ext. citations

9.8  
avg, IF

6.56  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 154 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222   | 10.2 | 3838      |
| 153 | Serial analysis of gene expression. <i>Science</i> , <b>1995</b> , 270, 484-7  | 33.3 | 3670      |
| 152 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544  | 14.2 | 2783      |
| 151 | A high-affinity conformation of Hsp90 confers tumour selectivity on Hsp90 inhibitors. <i>Nature</i> , <b>2003</b> , 425, 407-10  | 50.4 | 1166      |
| 150 | 14-3-3sigma is a p53-regulated inhibitor of G2/M progression. <i>Molecular Cell</i> , <b>1997</b> , 1, 3-11  | 17.6 | 1062      |
| 149 | PUMA induces the rapid apoptosis of colorectal cancer cells. <i>Molecular Cell</i> , <b>2001</b> , 7, 673-82   | 17.6 | 1046      |
| 148 | Characterization of the yeast transcriptome. <i>Cell</i> , <b>1997</b> , 88, 243-51  | 56.2 | 924       |
| 147 | Whole genome amplification from a single cell: implications for genetic analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1992</b> , 89, 5847-51 | 11.5 | 783       |
| 146 | Role of BAX in the apoptotic response to anticancer agents. <i>Science</i> , <b>2000</b> , 290, 989-92   | 33.3 | 767       |
| 145 | Analysis of human transcriptomes. <i>Nature Genetics</i> , <b>1999</b> , 23, 387-8   | 36.3 | 639       |
| 144 | The transcriptional targets of p53 in apoptosis control. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 331, 851-8   | 3.4  | 589       |
| 143 | PUMA mediates the apoptotic response to p53 in colorectal cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 1931-6           | 11.5 | 490       |
| 142 | Male mice defective in the DNA mismatch repair gene PMS2 exhibit abnormal chromosome synapsis in meiosis. <i>Cell</i> , <b>1995</b> , 82, 309-19   | 56.2 | 466       |
| 141 | PUMA, a potent killer with or without p53. <i>Oncogene</i> , <b>2008</b> , 27 Suppl 1, S71-83  | 9.2  | 403       |
| 140 | Identification and classification of p53-regulated genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 14517-22                        | 11.5 | 386       |
| 139 | The Tumor Suppressor p53 Limits Ferroptosis by Blocking DPP4 Activity. <i>Cell Reports</i> , <b>2017</b> , 20, 1692-1704   | 14.6 | 313       |
| 138 | A functional genomic approach identifies FAL1 as an oncogenic long noncoding RNA that associates with BMI1 and represses p21 expression in cancer. <i>Cancer Cell</i> , <b>2014</b> , 26, 344-357    | 24.3 | 303       |

|     |   |      |     |
|-----|---|------|-----|
| 137 | Sulforaphane-induced G2/M phase cell cycle arrest involves checkpoint kinase 2-mediated phosphorylation of cell division cycle 25C. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 25813-22      | 5.4  | 282 |
| 136 | microRNA-21 negatively regulates Cdc25A and cell cycle progression in colon cancer cells. <i>Cancer Research</i> , <b>2009</b> , 69, 8157-65  | 10.1 | 256 |
| 135 | Circular RNA-ITCH Suppresses Lung Cancer Proliferation via Inhibiting the Wnt/ $\beta$ Catenin Pathway. <i>BioMed Research International</i> , <b>2016</b> , 2016, 1579490                                    | 3    | 236 |
| 134 | p53/HMGB1 complexes regulate autophagy and apoptosis. <i>Cancer Research</i> , <b>2012</b> , 72, 1996-2005  | 10.1 | 181 |
| 133 | PUMA regulates intestinal progenitor cell radiosensitivity and gastrointestinal syndrome. <i>Cell Stem Cell</i> , <b>2008</b> , 2, 576-83   | 18   | 172 |
| 132 | Single sperm analysis of the trinucleotide repeats in the Huntington's disease gene: quantification of the mutation frequency spectrum. <i>Human Molecular Genetics</i> , <b>1995</b> , 4, 1519-26            | 5.6  | 171 |
| 131 | Regulation of PUMA-alpha by p53 in cisplatin-induced renal cell apoptosis. <i>Oncogene</i> , <b>2006</b> , 25, 4056-66  | 9.2  | 166 |
| 130 | No PUMA, no death: implications for p53-dependent apoptosis. <i>Cancer Cell</i> , <b>2003</b> , 4, 248-9  | 24.3 | 155 |
| 129 | PUMA Dissociates Bax and Bcl-X(L) to induce apoptosis in colon cancer cells. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 16034-42   | 5.4  | 145 |
| 128 | PUMA-mediated intestinal epithelial apoptosis contributes to ulcerative colitis in humans and mice. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 1722-32                                     | 15.9 | 138 |
| 127 | Downregulation of Dkk3 activates beta-catenin/TCF-4 signaling in lung cancer. <i>Carcinogenesis</i> , <b>2008</b> , 29, 84-92   | 4.6  | 134 |
| 126 | PUMA is directly activated by NF-kappaB and contributes to TNF-alpha-induced apoptosis. <i>Cell Death and Differentiation</i> , <b>2009</b> , 16, 1192-202  | 12.7 | 130 |
| 125 | Immunogenic effects of chemotherapy-induced tumor cell death. <i>Genes and Diseases</i> , <b>2018</b> , 5, 194-203  | 6.6  | 127 |
| 124 | Selection against PUMA gene expression in Myc-driven B-cell lymphomagenesis. <i>Molecular and Cellular Biology</i> , <b>2008</b> , 28, 5391-402   | 4.8  | 118 |
| 123 | The nuclear function of p53 is required for PUMA-mediated apoptosis induced by DNA damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 4054-9 | 11.5 | 118 |
| 122 | Following cytochrome c release, autophagy is inhibited during chemotherapy-induced apoptosis by caspase 8-mediated cleavage of Beclin 1. <i>Cancer Research</i> , <b>2011</b> , 71, 3625-34                   | 10.1 | 116 |
| 121 | FBW7 mutations mediate resistance of colorectal cancer to targeted therapies by blocking Mcl-1 degradation. <i>Oncogene</i> , <b>2017</b> , 36, 787-796   | 9.2  | 115 |
| 120 | Deletion of Puma protects hematopoietic stem cells and confers long-term survival in response to high-dose gamma-irradiation. <i>Blood</i> , <b>2010</b> , 115, 3472-80                                       | 2.2  | 106 |

|     |   |      |     |
|-----|---|------|-----|
| 119 | BH3 mimetics to improve cancer therapy; mechanisms and examples. <i>Drug Resistance Updates</i> , <b>2007</b> , 10, 207-17  | 23.2 | 105 |
| 118 | Growth factors protect intestinal stem cells from radiation-induced apoptosis by suppressing PUMA through the PI3K/AKT/p53 axis. <i>Oncogene</i> , <b>2010</b> , 29, 1622-32  | 9.2  | 104 |
| 117 | p53 up-regulated modulator of apoptosis (PUMA) activation contributes to pancreatic beta-cell apoptosis induced by proinflammatory cytokines and endoplasmic reticulum stress. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 19910-20   | 5.4  | 100 |
| 116 | Studying human mutations by sperm typing: instability of CAG trinucleotide repeats in the human androgen receptor gene. <i>Nature Genetics</i> , <b>1994</b> , 7, 531-5   | 36.3 | 99  |
| 115 | Role of p53, PUMA, and Bax in wogonin-induced apoptosis in human cancer cells. <i>Biochemical Pharmacology</i> , <b>2008</b> , 75, 2020-33  | 6    | 97  |
| 114 | Mcl-1 Degradation Is Required for Targeted Therapeutics to Eradicate Colon Cancer Cells. <i>Cancer Research</i> , <b>2017</b> , 77, 2512-2521   | 10.1 | 96  |
| 113 | The mRNA of L-type calcium channel elevated in colon cancer: protein distribution in normal and cancerous colon. <i>American Journal of Pathology</i> , <b>2000</b> , 157, 1549-62  | 5.8  | 92  |
| 112 | Uncoupling p53 functions in radiation-induced intestinal damage via PUMA and p21. <i>Molecular Cancer Research</i> , <b>2011</b> , 9, 616-25  | 6.6  | 87  |
| 111 | PUMA sensitizes lung cancer cells to chemotherapeutic agents and irradiation. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 2928-36   | 12.9 | 85  |
| 110 | PUMA amplifies necroptosis signaling by activating cytosolic DNA sensors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 3930-3935   | 11.5 | 83  |
| 109 | Chemoprevention by nonsteroidal anti-inflammatory drugs eliminates oncogenic intestinal stem cells via SMAC-dependent apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 20027-32 | 11.5 | 81  |
| 108 | p53 independent induction of PUMA mediates intestinal apoptosis in response to ischaemia-reperfusion. <i>Gut</i> , <b>2007</b> , 56, 645-54   | 19.2 | 81  |
| 107 | Vertical suppression of the EGFR pathway prevents onset of resistance in colorectal cancers. <i>Nature Communications</i> , <b>2015</b> , 6, 8305   | 17.4 | 80  |
| 106 | Fibulin-5 suppresses lung cancer invasion by inhibiting matrix metalloproteinase-7 expression. <i>Cancer Research</i> , <b>2009</b> , 69, 6339-46   | 10.1 | 77  |
| 105 | Regorafenib inhibits colorectal tumor growth through PUMA-mediated apoptosis. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 3472-84   | 12.9 | 76  |
| 104 | Frequent inactivation of RAMP2, EFEMP1 and Dutt1 in lung cancer by promoter hypermethylation. <i>Clinical Cancer Research</i> , <b>2007</b> , 13, 4336-44   | 12.9 | 75  |
| 103 | A coordinated action of Bax, PUMA, and p53 promotes MG132-induced mitochondria activation and apoptosis in colon cancer cells. <i>Molecular Cancer Therapeutics</i> , <b>2007</b> , 6, 1062-9   | 6.1  | 74  |
| 102 | SMAC/Diablo mediates the proapoptotic function of PUMA by regulating PUMA-induced mitochondrial events. <i>Oncogene</i> , <b>2007</b> , 26, 4189-98   | 9.2  | 71  |

|     |  |      |    |
|-----|--|------|----|
| 101 | Apoptosis in human cancer cells. <i>Current Opinion in Oncology</i> , <b>2004</b> , 16, 19-24  | 4.2  | 71 |
| 100 | Mutant KRAS as a critical determinant of the therapeutic response of colorectal cancer. <i>Genes and Diseases</i> , <b>2015</b> , 2, 4-12  | 6.6  | 70 |
| 99  | Sp1 and p73 activate PUMA following serum starvation. <i>Carcinogenesis</i> , <b>2008</b> , 29, 1878-84  | 4.6  | 69 |
| 98  | PUMA-mediated apoptosis drives chemical hepatocarcinogenesis in mice. <i>Hepatology</i> , <b>2011</b> , 54, 1249-58  | 11.2 | 68 |
| 97  | Necroptosis: an alternative cell death program defending against cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2016</b> , 1865, 228-36  | 11.2 | 67 |
| 96  | 5-Fluorouracil upregulates cell surface B7-H1 (PD-L1) expression in gastrointestinal cancers <b>2016</b> , 4, 65   |      | 66 |
| 95  | Role of apoptosis in colon cancer biology, therapy, and prevention. <i>Current Colorectal Cancer Reports</i> , <b>2013</b> , 9, 331  | 1    | 63 |
| 94  | SMAC/Diablo-dependent apoptosis induced by nonsteroidal antiinflammatory drugs (NSAIDs) in colon cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 16897-902 | 11.5 | 62 |
| 93  | IRF-1 transcriptionally upregulates PUMA, which mediates the mitochondrial apoptotic pathway in IRF-1-induced apoptosis in cancer cells. <i>Cell Death and Differentiation</i> , <b>2010</b> , 17, 699-709                           | 12.7 | 61 |
| 92  | PINCH-1 regulates the ERK-Bim pathway and contributes to apoptosis resistance in cancer cells. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 2508-17   | 5.4  | 60 |
| 91  | Ionizing irradiation induces acute haematopoietic syndrome and gastrointestinal syndrome independently in mice. <i>Nature Communications</i> , <b>2014</b> , 5, 3494   | 17.4 | 58 |
| 90  | Inhibition of CDK4/6 protects against radiation-induced intestinal injury in mice. <i>Journal of Clinical Investigation</i> , <b>2016</b> , 126, 4076-4087   | 15.9 | 58 |
| 89  | mTOR inhibitors induce apoptosis in colon cancer cells via CHOP-dependent DR5 induction on 4E-BP1 dephosphorylation. <i>Oncogene</i> , <b>2016</b> , 35, 148-57  | 9.2  | 55 |
| 88  | Pharmacologically blocking p53-dependent apoptosis protects intestinal stem cells and mice from radiation. <i>Scientific Reports</i> , <b>2015</b> , 5, 8566   | 4.9  | 55 |
| 87  | PUMA mediates EGFR tyrosine kinase inhibitor-induced apoptosis in head and neck cancer cells. <i>Oncogene</i> , <b>2009</b> , 28, 2348-57  | 9.2  | 55 |
| 86  | Ligand-independent antiapoptotic function of estrogen receptor-beta in lung cancer cells. <i>Molecular Endocrinology</i> , <b>2010</b> , 24, 1737-47   |      | 54 |
| 85  | Vitamin D3 activates the autolysosomal degradation function against <i>Helicobacter pylori</i> through the PDIA3 receptor in gastric epithelial cells. <i>Autophagy</i> , <b>2019</b> , 15, 707-725                                  | 10.2 | 54 |
| 84  | p53 and PUMA independently regulate apoptosis of intestinal epithelial cells in patients and mice with colitis. <i>Gastroenterology</i> , <b>2011</b> , 141, 1036-45   | 13.3 | 53 |

|    |   |      |    |
|----|---|------|----|
| 83 | Inhibiting oncogenic signaling by sorafenib activates PUMA via GSK3 $\beta$ and NF- $\kappa$ B to suppress tumor cell growth. <i>Oncogene</i> , <b>2012</b> , 31, 4848-58   | 9.2  | 53 |
| 82 | -Dependent Mcl-1 Degradation Mediates the Anticancer Effect of Hsp90 Inhibitors. <i>Molecular Cancer Therapeutics</i> , <b>2017</b> , 16, 1979-1988   | 6.1  | 52 |
| 81 | PUMA induction by FoxO3a mediates the anticancer activities of the broad-range kinase inhibitor UCN-01. <i>Molecular Cancer Therapeutics</i> , <b>2010</b> , 9, 2893-902  | 6.1  | 52 |
| 80 | ADAR1 is essential for intestinal homeostasis and stem cell maintenance. <i>Cell Death and Disease</i> , <b>2013</b> , 4, e599  | 9.8  | 50 |
| 79 | CAG repeat length variation in sperm from a patient with Kennedy's disease. <i>Human Molecular Genetics</i> , <b>1995</b> , 4, 303-5  | 5.6  | 50 |
| 78 | Dihydrotanshinone I induced apoptosis and autophagy through caspase dependent pathway in colon cancer. <i>Phytomedicine</i> , <b>2015</b> , 22, 1079-87   | 6.5  | 49 |
| 77 | Fibulin-3 suppresses Wnt/ $\beta$ -catenin signaling and lung cancer invasion. <i>Carcinogenesis</i> , <b>2014</b> , 35, 1707-16  | 4.6  | 49 |
| 76 | Development of small-molecule PUMA inhibitors for mitigating radiation-induced cell death. <i>Current Topics in Medicinal Chemistry</i> , <b>2011</b> , 11, 281-90  | 3    | 49 |
| 75 | Serial analysis of gene expression in the frontal cortex of patients with bipolar disorder. <i>British Journal of Psychiatry</i> , <b>2001</b> , 41, s137-41  | 5.4  | 48 |
| 74 | Salidroside attenuates hypoxia-induced pulmonary arterial smooth muscle cell proliferation and apoptosis resistance by upregulating autophagy through the AMPK-mTOR-ULK1 pathway. <i>BMC Pulmonary Medicine</i> , <b>2017</b> , 17, 191                                       | 3.5  | 47 |
| 73 | PEG-farnesylthiosalicylate conjugate as a nanomicellar carrier for delivery of paclitaxel. <i>Bioconjugate Chemistry</i> , <b>2013</b> , 24, 464-72   | 6.3  | 45 |
| 72 | BRAFV600E-dependent Mcl-1 stabilization leads to everolimus resistance in colon cancer cells. <i>Oncotarget</i> , <b>2016</b> , 7, 47699-47710  | 3.3  | 45 |
| 71 | Wogonin, an active ingredient of Chinese herb medicine <i>Scutellaria baicalensis</i> , inhibits the mobility and invasion of human gallbladder carcinoma GBC-SD cells by inducing the expression of maspin. <i>Journal of Ethnopharmacology</i> , <b>2011</b> , 137, 1373-80 | 5    | 44 |
| 70 | Colorectal cancer prevention: Immune modulation taking the stage. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2018</b> , 1869, 138-148   | 11.2 | 43 |
| 69 | Role of Bcl-xL/Beclin-1 in interplay between apoptosis and autophagy in oxaliplatin and bortezomib-induced cell death. <i>Biochemical Pharmacology</i> , <b>2014</b> , 88, 178-88   | 6    | 43 |
| 68 | Apelin-13 attenuates traumatic brain injury-induced damage by suppressing autophagy. <i>Neurochemical Research</i> , <b>2015</b> , 40, 89-97  | 4.6  | 42 |
| 67 | Autophagy Mediates HBx-Induced Nuclear Factor- $\kappa$ B Activation and Release of IL-6, IL-8, and CXCL2 in Hepatocytes. <i>Journal of Cellular Physiology</i> , <b>2015</b> , 230, 2382-9   | 7    | 42 |
| 66 | Mcl-1 Phosphorylation without Degradation Mediates Sensitivity to HDAC Inhibitors by Liberating BH3-Only Proteins. <i>Cancer Research</i> , <b>2018</b> , 78, 4704-4715   | 10.1 | 42 |

|    |   |      |    |
|----|---|------|----|
| 65 | PUMA suppresses intestinal tumorigenesis in mice. <i>Cancer Research</i> , <b>2009</b> , 69, 4999-5006  | 10.1 | 40 |
| 64 | Differential apoptotic response to the proteasome inhibitor Bortezomib [VELCADE, PS-341] in Bax-deficient and p21-deficient colon cancer cells. <i>Cancer Biology and Therapy</i> , <b>2003</b> , 2, 694-9  | 4.6  | 40 |
| 63 | Role of AMP-activated protein kinase in cross-talk between apoptosis and autophagy in human colon cancer. <i>Cell Death and Disease</i> , <b>2014</b> , 5, e1504  | 9.8  | 39 |
| 62 | Hsp90 inhibitors promote p53-dependent apoptosis through PUMA and Bax. <i>Molecular Cancer Therapeutics</i> , <b>2013</b> , 12, 2559-68   | 6.1  | 38 |
| 61 | Hypoxia-mediated regulation of Cdc25A phosphatase by p21 and miR-21. <i>Cell Cycle</i> , <b>2009</b> , 8, 3157-64   | 4.7  | 38 |
| 60 | Propofol inhibits growth and invasion of pancreatic cancer cells through regulation of the miR-21/Slug signaling pathway. <i>American Journal of Translational Research (discontinued)</i> , <b>2016</b> , 8, 4120-4133                                   | 4.1  | 38 |
| 59 | Nanoscale nuclear architecture for cancer diagnosis beyond pathology via spatial-domain low-coherence quantitative phase microscopy. <i>Journal of Biomedical Optics</i> , <b>2010</b> , 15, 066028   | 3.5  | 37 |
| 58 | Fibulin-5 inhibits Wnt/ $\beta$ -catenin signaling in lung cancer. <i>Oncotarget</i> , <b>2015</b> , 6, 15022-34  | 3.3  | 37 |
| 57 | Administration of PUMA adenovirus increases the sensitivity of esophageal cancer cells to anticancer drugs. <i>Cancer Biology and Therapy</i> , <b>2006</b> , 5, 380-5  | 4.6  | 35 |
| 56 | Catalase suppression-mediated H <sub>2</sub> O <sub>2</sub> accumulation in cancer cells by wogonin effectively blocks tumor necrosis factor-induced NF- $\kappa$ B activation and sensitizes apoptosis. <i>Cancer Science</i> , <b>2011</b> , 102, 870-6 | 6.9  | 34 |
| 55 | Inhibition of autophagy by bafilomycin A1 promotes chemosensitivity of gastric cancer cells. <i>Tumor Biology</i> , <b>2016</b> , 37, 653-9   | 2.9  | 33 |
| 54 | Targeting Bax interaction sites reveals that only homo-oligomerization sites are essential for its activation. <i>Cell Death and Differentiation</i> , <b>2013</b> , 20, 744-54   | 12.7 | 33 |
| 53 | The multi-targeted kinase inhibitor sunitinib induces apoptosis in colon cancer cells via PUMA. <i>PLoS ONE</i> , <b>2012</b> , 7, e43158   | 3.7  | 31 |
| 52 | SMAC mimetics sensitize nonsteroidal anti-inflammatory drug-induced apoptosis by promoting caspase-3-mediated cytochrome c release. <i>Cancer Research</i> , <b>2008</b> , 68, 276-84   | 10.1 | 31 |
| 51 | Loss of caspase-3 sensitizes colon cancer cells to genotoxic stress via RIP1-dependent necrosis. <i>Cell Death and Disease</i> , <b>2015</b> , 6, e1729   | 9.8  | 30 |
| 50 | Targeting p53-dependent stem cell loss for intestinal chemoprotection. <i>Science Translational Medicine</i> , <b>2018</b> , 10,  | 17.5 | 30 |
| 49 | Role of Smac in determining the chemotherapeutic response of esophageal squamous cell carcinoma. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 5412-22  | 12.9 | 30 |
| 48 | p53 Up-regulated Modulator of Apoptosis Induction Mediates Acetaminophen-Induced Necrosis and Liver Injury in Mice. <i>Hepatology</i> , <b>2019</b> , 69, 2164-2179   | 11.2 | 30 |

|    |  |      |    |
|----|--|------|----|
| 47 | MicroRNA-21 Down-regulates Rb1 Expression by Targeting PDCD4 in Retinoblastoma. <i>Journal of Cancer</i> , <b>2014</b> , 5, 804-12   | 4.5  | 29 |
| 46 | Anti-cancer effects of JKA97 are associated with its induction of cell apoptosis via a Bax-dependent and p53-independent pathway. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 8624-33      | 5.4  | 29 |
| 45 | Immunotherapy efficacy on mismatch repair-deficient colorectal cancer: From bench to bedside. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2020</b> , 1874, 188447                         | 11.2 | 29 |
| 44 | Erythrocyte Membrane-Wrapped pH Sensitive Polymeric Nanoparticles for Non-Small Cell Lung Cancer Therapy. <i>Bioconjugate Chemistry</i> , <b>2017</b> , 28, 2591-2598                                      | 6.3  | 28 |
| 43 | Receptor interactive protein kinase 3 promotes Cisplatin-triggered necrosis in apoptosis-resistant esophageal squamous cell carcinoma cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e100127                    | 3.7  | 28 |
| 42 | Combination of wogonin and sorafenib effectively kills human hepatocellular carcinoma cells through apoptosis potentiation and autophagy inhibition. <i>Oncology Letters</i> , <b>2017</b> , 13, 5028-5034 | 2.6  | 27 |
| 41 | Super-resolution imaging reveals the evolution of higher-order chromatin folding in early carcinogenesis. <i>Nature Communications</i> , <b>2020</b> , 11, 1899  | 17.4 | 27 |
| 40 | Long noncoding RNA PiHL regulates p53 protein stability through GRWD1/RPL11/MDM2 axis in colorectal cancer. <i>Theranostics</i> , <b>2020</b> , 10, 265-280  | 12.1 | 26 |
| 39 | TAp73 promotes cell survival upon genotoxic stress by inhibiting p53 activity. <i>Oncotarget</i> , <b>2014</b> , 5, 8107-33  | 3.3  | 25 |
| 38 | Immunogenic cell death in colon cancer prevention and therapy. <i>Molecular Carcinogenesis</i> , <b>2020</b> , 59, 783-793   | 5.9  | 24 |
| 37 | A novel small molecule inhibitor of MDM2-p53 (APG-115) enhances radiosensitivity of gastric adenocarcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2018</b> , 37, 97             | 12.8 | 24 |
| 36 | Aurora kinase inhibition induces PUMA via NF- $\kappa$ B to kill colon cancer cells. <i>Molecular Cancer Therapeutics</i> , <b>2014</b> , 13, 1298-308   | 6.1  | 24 |
| 35 | Crizotinib induces PUMA-dependent apoptosis in colon cancer cells. <i>Molecular Cancer Therapeutics</i> , <b>2013</b> , 12, 777-86   | 6.1  | 24 |
| 34 | BET Inhibitors Potentiate Chemotherapy and Killing of -Mutant Colon Cancer Cells via Induction of DR5. <i>Cancer Research</i> , <b>2019</b> , 79, 1191-1203  | 10.1 | 23 |
| 33 | Restoring PUMA induction overcomes KRAS-mediated resistance to anti-EGFR antibodies in colorectal cancer. <i>Oncogene</i> , <b>2018</b> , 37, 4599-4610  | 9.2  | 23 |
| 32 | Smac modulates chemosensitivity in head and neck cancer cells through the mitochondrial apoptotic pathway. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 2361-72                                     | 12.9 | 22 |
| 31 | Amphiphilic sugar poly(orthoesters) as pH-responsive nanoscopic assemblies for acidity-enhanced drug delivery and cell killing. <i>Chemical Communications</i> , <b>2015</b> , 51, 13078-81                | 5.8  | 21 |
| 30 | Cleaving Beclin 1 to suppress autophagy in chemotherapy-induced apoptosis. <i>Autophagy</i> , <b>2011</b> , 7, 1239-46   | 10.2 | 21 |



|    |   |      |    |
|----|---|------|----|
| 29 | Mcl-1 inhibition overcomes intrinsic and acquired regorafenib resistance in colorectal cancer. <i>Theranostics</i> , <b>2020</b> , 10, 8098-8110  | 12.1 | 21 |
| 28 | BID mediates selective killing of APC-deficient cells in intestinal tumor suppression by nonsteroidal antiinflammatory drugs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 16520-5 | 11.5 | 18 |
| 27 | Novel smac mimetic APG-1387 elicits ovarian cancer cell killing through TNF-alpha, Ripoptosome and autophagy mediated cell death pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2018</b> , 37, 53                      | 12.8 | 17 |
| 26 | The GS-nitroxide JP4-039 improves intestinal barrier and stem cell recovery in irradiated mice. <i>Scientific Reports</i> , <b>2018</b> , 8, 2072   | 4.9  | 16 |
| 25 | NSAIDs downregulate Bcl-X(L) and dissociate BAX and Bcl-X(L) to induce apoptosis in colon cancer cells. <i>Nutrition and Cancer</i> , <b>2008</b> , 60 Suppl 1, 98-103  | 2.8  | 16 |
| 24 | An insight into statistical refractive index properties of cell internal structure via low-coherence statistical amplitude microscopy. <i>Optics Express</i> , <b>2010</b> , 18, 21950-8  | 3.3  | 14 |
| 23 | Epigenetic Regulation of RIP3 Suppresses Necroptosis and Increases Resistance to Chemotherapy in NonSmall Cell Lung Cancer. <i>Translational Oncology</i> , <b>2020</b> , 13, 372-382   | 4.9  | 13 |
| 22 | miR-22 protect PC12 from ischemia/reperfusion-induced injury by targeting p53 upregulated modulator of apoptosis (PUMA). <i>Bioengineered</i> , <b>2020</b> , 11, 209-218   | 5.7  | 12 |
| 21 | An apoptosis-independent role of SMAC in tumor suppression. <i>Oncogene</i> , <b>2013</b> , 32, 2380-9  | 9.2  | 10 |
| 20 | High Loading of Hydrophobic and Hydrophilic Agents via Small Immunostimulatory Carrier for Enhanced Tumor Penetration and Combinational Therapy. <i>Theranostics</i> , <b>2020</b> , 10, 1136-1150  | 12.1 | 10 |
| 19 | RIP1 promotes proliferation through G2/M checkpoint progression and mediates cisplatin-induced apoptosis and necroptosis in human ovarian cancer cells. <i>Acta Pharmacologica Sinica</i> , <b>2020</b> , 41, 1223-1233                           | 8.8  | 9  |
| 18 | The mutation properties of spinal and bulbar muscular atrophy disease alleles. <i>Neurogenetics</i> , <b>1998</b> , 1, 249-52   | 3    | 9  |
| 17 | Co-targeting translation and proteasome rapidly kills colon cancer cells with mutant RAS/RAF via ER stress. <i>Oncotarget</i> , <b>2017</b> , 8, 9280-9292  | 3.3  | 9  |
| 16 | eIF4E S209 phosphorylation licenses myc- and stress-driven oncogenesis. <i>ELife</i> , <b>2020</b> , 9,   | 8.9  | 7  |
| 15 | Investigation of nuclear nano-morphology marker as a biomarker for cancer risk assessment using a mouse model. <i>Journal of Biomedical Optics</i> , <b>2012</b> , 17, 066014   | 3.5  | 6  |
| 14 | Non-steroidal anti-inflammatory drugs induce immunogenic cell death in suppressing colorectal tumorigenesis. <i>Oncogene</i> , <b>2021</b> , 40, 2035-2050  | 9.2  | 6  |
| 13 | A novel immunochemotherapy based on targeting of cyclooxygenase and induction of immunogenic cell death. <i>Biomaterials</i> , <b>2021</b> , 270, 120708  | 15.6 | 5  |
| 12 | Interferon b drives intestinal regeneration after radiation. <i>Science Advances</i> , <b>2021</b> , 7, eabi5253  | 14.3 | 4  |

|    |   |      |   |
|----|---|------|---|
| 11 | Synthesis of clickable amphiphilic polysaccharides as nanoscopic assemblies. <i>Chemical Communications</i> , <b>2014</b> , 50, 12742-5   | 5.8  | 3 |
| 10 | Transcriptional Regulation of Apoptosis <b>2009</b> , 239-260   |      | 3 |
| 9  | Single-sperm typing. <i>Current Protocols in Human Genetics</i> , <b>2002</b> , Chapter 1, Unit 1.6   | 3.2  | 3 |
| 8  | BET protein degradation triggers DR5-mediated immunogenic cell death to suppress colorectal cancer and potentiate immune checkpoint blockade. <i>Oncogene</i> , <b>2021</b> , 40, 6566-6578       | 9.2  | 2 |
| 7  | Non-coding RNA-mediated autophagy in cancer: A protumor or antitumor factor?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2021</b> , 1876, 188642                                | 11.2 | 2 |
| 6  | Glucose deprivation-induced endoplasmic reticulum stress response plays a pivotal role in enhancement of TRAIL cytotoxicity. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 6666-6677 | 7    | 2 |
| 5  | Deletion of the Impg2 gene causes the degeneration of rod and cone cells in mice. <i>Human Molecular Genetics</i> , <b>2020</b> , 29, 1624-1634   | 5.6  | 1 |
| 4  | Role of Receptor Interacting Protein (RIP) kinases in cancer. <i>Genes and Diseases</i> , <b>2021</b> ,   | 6.6  | 0 |
| 3  | Targeting Myc-driven stress vulnerability in mutant KRAS colorectal cancer.. <i>Molecular Biomedicine</i> , <b>2022</b> , 3, 10   | 3.1  | 0 |
| 2  | Preparation of human hair keratin/calcium alginate blend films. <i>Ferroelectrics</i> , <b>2019</b> , 547, 27-36  | 0.6  |   |
| 1  | Screening poly [dA/dT(-)] cDNA for gene identification. <i>Methods in Molecular Biology</i> , <b>2003</b> , 221, 197-205  | 1.4  |   |