

Mao Ye

List of Publications by Citations

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67
papers

2,275
citations

29
h-index

47
g-index

73
ext. papers

2,703
ext. citations

7
avg, IF

4.59
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 67 | Aptamer-conjugated nanomaterials and their applications. <i>Advanced Drug Delivery Reviews</i> , 2011 , 63, 1361-70 | 18.5 | 171 |
| 66 | Automated modular synthesis of aptamer-drug conjugates for targeted drug delivery. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2731-4 | 16.4 | 130 |
| 65 | Nucleic acid aptamers: an emerging frontier in cancer therapy. <i>Chemical Communications</i> , 2012 , 48, 10472-80 | 3.8 | 116 |
| 64 | Effects of lycorine on HL-60 cells via arresting cell cycle and inducing apoptosis. <i>FEBS Letters</i> , 2004 , 578, 245-50 | 3.8 | 106 |
| 63 | Generating aptamers by cell-SELEX for applications in molecular medicine. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 3341-53 | 6.3 | 105 |
| 62 | Involvement of PI3K/Akt signaling pathway in hepatocyte growth factor-induced migration of uveal melanoma cells. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 497-504 | | 86 |
| 61 | DNA Aptamer Selected against Pancreatic Ductal Adenocarcinoma for in vivo Imaging and Clinical Tissue Recognition. <i>Theranostics</i> , 2015 , 5, 985-94 | 12.1 | 84 |
| 60 | A novel aptamer developed for breast cancer cell internalization. <i>ChemMedChem</i> , 2012 , 7, 79-84 | 3.7 | 77 |
| 59 | Deubiquitylation and stabilization of p21 by USP11 is critical for cell-cycle progression and DNA damage responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4678-4683 | 11.5 | 71 |
| 58 | Grifolin, a potential antitumor natural product from the mushroom <i>Albatrellus confluens</i> , inhibits tumor cell growth by inducing apoptosis in vitro. <i>FEBS Letters</i> , 2005 , 579, 3437-43 | 3.8 | 71 |
| 57 | Engineering and Applications of DNA-Grafting Polymer Materials. <i>Chemical Science</i> , 2013 , 4, 1928-1938 | 9.4 | 64 |
| 56 | Effect of EBV LMP1 targeted DNAzymes on cell proliferation and apoptosis. <i>Cancer Gene Therapy</i> , 2005 , 12, 647-54 | 5.4 | 61 |
| 55 | Nucleic acid aptamer-mediated drug delivery for targeted cancer therapy. <i>ChemMedChem</i> , 2015 , 10, 39-45 | 3.7 | 59 |
| 54 | MiR-150 promotes cellular metastasis in non-small cell lung cancer by targeting FOXO4. <i>Scientific Reports</i> , 2016 , 6, 39001 | 4.9 | 58 |
| 53 | Lycorine induces cell-cycle arrest in the G0/G1 phase in K562 cells via HDAC inhibition. <i>Cancer Cell International</i> , 2012 , 12, 49 | 6.4 | 56 |
| 52 | Self-assembled aptamer-based drug carriers for bispecific cytotoxicity to cancer cells. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1630-6 | 4.5 | 56 |
| 51 | DNA-Based Dynamic Reaction Networks. <i>Trends in Biochemical Sciences</i> , 2018 , 43, 547-560 | 10.3 | 55 |

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|----|--|------|----|
| 50 | Lycorine Downregulates HMGB1 to Inhibit Autophagy and Enhances Bortezomib Activity in Multiple Myeloma. <i>Theranostics</i> , 2016 , 6, 2209-2224 | 12.1 | 51 |
| 49 | Epstein-Barr virus encoded latent membrane protein 1 modulates nuclear translocation of telomerase reverse transcriptase protein by activating nuclear factor-kappaB p65 in human nasopharyngeal carcinoma cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2005 , 37, 1881-9 | 5.6 | 50 |
| 48 | A Smart, Photocontrollable Drug Release Nanosystem for Multifunctional Synergistic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5847-5854 | 9.5 | 49 |
| 47 | Elucidation and Structural Modeling of CD71 as a Molecular Target for Cell-Specific Aptamer Binding. <i>Journal of the American Chemical Society</i> , 2019 , 141, 10760-10769 | 16.4 | 48 |
| 46 | Grifolin, a potential antitumor natural product from the mushroom <i>Albatrellus confluens</i> , induces cell-cycle arrest in G1 phase via the ERK1/2 pathway. <i>Cancer Letters</i> , 2007 , 258, 199-207 | 9.9 | 48 |
| 45 | Grifolin, a potent antitumour natural product upregulates death-associated protein kinase 1 DAPK1 via p53 in nasopharyngeal carcinoma cells. <i>European Journal of Cancer</i> , 2011 , 47, 316-25 | 7.5 | 47 |
| 44 | Lycorine: A prospective natural lead for anticancer drug discovery. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 107, 615-624 | 7.5 | 45 |
| 43 | Using modified aptamers for site specific protein-aptamer conjugations. <i>Chemical Science</i> , 2016 , 7, 2157-2161 | 9.1 | 41 |
| 42 | Multi-organ Dysfunction in Patients with COVID-19: A Systematic Review and Meta-analysis 2020 , 11, 874-894 | | 41 |
| 41 | Floxuridine Homomeric Oligonucleotides "Hitchhike" with Albumin In Situ for Cancer Chemotherapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8994-8997 | 16.4 | 36 |
| 40 | Selection and characterization of DNA aptamer for metastatic prostate cancer recognition and tissue imaging. <i>Oncotarget</i> , 2016 , 7, 36436-36446 | 3.3 | 35 |
| 39 | C-myc/miR-150/EPG5 axis mediated dysfunction of autophagy promotes development of non-small cell lung cancer. <i>Theranostics</i> , 2019 , 9, 5134-5148 | 12.1 | 31 |
| 38 | Protein 4.1N acts as a potential tumor suppressor linking PP1 to JNK-c-Jun pathway regulation in NSCLC. <i>Oncotarget</i> , 2016 , 7, 509-23 | 3.3 | 20 |
| 37 | Deubiquitylase USP7 regulates human terminal erythroid differentiation by stabilizing GATA1. <i>Haematologica</i> , 2019 , 104, 2178-2187 | 6.6 | 19 |
| 36 | Molecular Recognition and In-Vitro-Targeted Inhibition of Renal Cell Carcinoma Using a DNA Aptamer. <i>Molecular Therapy - Nucleic Acids</i> , 2018 , 12, 758-768 | 10.7 | 19 |
| 35 | Fluorinated molecular beacons as functional DNA nanomolecules for cellular imaging. <i>Chemical Science</i> , 2017 , 8, 7082-7086 | 9.4 | 18 |
| 34 | Deubiquitinase DUB3 Regulates Cell Cycle Progression via Stabilizing Cyclin A for Proliferation of Non-Small Cell Lung Cancer Cells. <i>Cells</i> , 2019 , 8, | 7.9 | 17 |
| 33 | Screening and identification of DNA aptamers toward <i>Schistosoma japonicum</i> eggs via SELEX. <i>Scientific Reports</i> , 2016 , 6, 24986 | 4.9 | 17 |

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| 32 | WDR79 promotes the proliferation of non-small cell lung cancer cells via USP7-mediated regulation of the Mdm2-p53 pathway. <i>Cell Death and Disease</i> , 2017 , 8, e2743 | 9.8 | 16 |
| 31 | Cell-SELEX-based aptamer-conjugated nanomaterials for enhanced targeting of cancer cells. <i>Science China Chemistry</i> , 2011 , 54, 1218-1226 | 7.9 | 16 |
| 30 | Unexpected role for p19INK4d in posttranscriptional regulation of GATA1 and modulation of human terminal erythropoiesis. <i>Blood</i> , 2017 , 129, 226-237 | 2.2 | 15 |
| 29 | Lycorine induces programmed necrosis in the multiple myeloma cell line ARH-77. <i>Tumor Biology</i> , 2015 , 36, 2937-45 | 2.9 | 14 |
| 28 | Study of the Function of G-Rich Aptamers Selected for Lung Adenocarcinoma. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1519-25 | 4.5 | 12 |
| 27 | A Novel Aptamer LL4A Specifically Targets Vemurafenib-Resistant Melanoma through Binding to the CD63 Protein. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 18, 727-738 | 10.7 | 12 |
| 26 | Overexpression of WDR79 in non-small cell lung cancer is linked to tumour progression. <i>Journal of Cellular and Molecular Medicine</i> , 2016 , 20, 698-709 | 5.6 | 12 |
| 25 | Aptamers: novel diagnostic and therapeutic tools for diabetes mellitus and metabolic diseases. <i>Journal of Molecular Medicine</i> , 2017 , 95, 249-256 | 5.5 | 11 |
| 24 | Venous thromboembolic events in patients with COVID-19: a systematic review and meta-analysis. <i>Age and Ageing</i> , 2021 , 50, 284-293 | 3 | 11 |
| 23 | Lycorine targets multiple myeloma stem cell-like cells by inhibition of Wnt/ β -catenin pathway. <i>British Journal of Haematology</i> , 2020 , 189, 1151-1164 | 4.5 | 10 |
| 22 | WDR79 mediates the proliferation of non-small cell lung cancer cells by regulating the stability of UHRF1. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 2856-2864 | 5.6 | 10 |
| 21 | STIP is a critical nuclear scaffolding protein linking USP7 to p53-Mdm2 pathway regulation. <i>Oncotarget</i> , 2015 , 6, 34718-31 | 3.3 | 9 |
| 20 | Targeting c-met receptor tyrosine kinase by the DNA aptamer SL1 as a potential novel therapeutic option for myeloma. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 5978-5990 | 5.6 | 9 |
| 19 | NONO and tumorigenesis: More than splicing. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 4368-4376 | 4.8 | 8 |
| 18 | Knockout of 4.1B triggers malignant transformation in SV40T-immortalized mouse embryo fibroblast cells. <i>Molecular Carcinogenesis</i> , 2017 , 56, 538-549 | 5 | 7 |
| 17 | STIP overexpression confers oncogenic potential to human non-small cell lung cancer cells by regulating cell cycle and apoptosis. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 2806-17 | 5.6 | 6 |
| 16 | The Wee1 kinase inhibitor MK1775 suppresses cell growth, attenuates stemness and synergises with bortezomib in multiple myeloma. <i>British Journal of Haematology</i> , 2020 , 191, 62-76 | 4.5 | 5 |
| 15 | Floxuridine Homomeric Oligonucleotides Biotinylated with Albumin In Situ for Cancer Chemotherapy. <i>Angewandte Chemie</i> , 2018 , 130, 9132-9135 | 3.6 | 4 |

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| 14 | Screening and characterization of an Annexin A2 binding aptamer that inhibits the proliferation of myeloma cells. <i>Biochimie</i> , 2018 , 151, 150-158 | 4.6 | 4 |
| 13 | Aptamer TY04 inhibits the growth of multiple myeloma cells via cell cycle arrest. <i>Tumor Biology</i> , 2014 , 35, 7561-8 | 2.9 | 4 |
| 12 | The regulation of NONO by USP11 via deubiquitination is linked to the proliferation of melanoma cells. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 1507-1517 | 5.6 | 4 |
| 11 | Stabilization of p18 by deubiquitylase CYLD is pivotal for cell cycle progression and viral replication. <i>Npj Precision Oncology</i> , 2021 , 5, 14 | 9.8 | 4 |
| 10 | Modalities and Mechanisms of Treatment for Coronavirus Disease 2019. <i>Frontiers in Pharmacology</i> , 2020 , 11, 583914 | 5.6 | 4 |
| 9 | Albendazole inhibits NF- κ B signaling pathway to overcome tumor stemness and bortezomib resistance in multiple myeloma. <i>Cancer Letters</i> , 2021 , 520, 307-320 | 9.9 | 2 |
| 8 | Vector-independent transmembrane transport of oligodeoxyribonucleotides involves p38 mitogen activated protein kinase phosphorylation. <i>Scientific Reports</i> , 2017 , 7, 13571 | 4.9 | 1 |
| 7 | Antitumor Drug Combretastatin-A4 Phosphate Aggravates the Symptoms of Dextran Sulfate Sodium-Induced Ulcerative Colitis in Mice. <i>Frontiers in Pharmacology</i> , 2020 , 11, 339 | 5.6 | 1 |
| 6 | Novel therapeutic strategy for melanoma based on albendazole and the CDK4/6 inhibitor palbociclib.. <i>Scientific Reports</i> , 2022 , 12, 5706 | 4.9 | 1 |
| 5 | Development of a DNA Aptamer against Multidrug-Resistant Hepatocellular Carcinoma for Imaging. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 54656-54664 | 9.5 | 0 |
| 4 | Elucidation of CKAP4-remodeled cell mechanics in driving metastasis of bladder cancer through aptamer-based target discovery.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2110500119 | 11.5 | 0 |
| 3 | Lycorine Modulates the Expression of p21 Via a p53-Independent Pathway in HL-60 Cells. <i>Blood</i> , 2011 , 118, 4297-4297 | 2.2 | |
| 2 | ERK-mediated Cytoplasmic Retention of USP11 Contributes to Breast Cancer Cell Proliferation by Stabilizing Cytoplasmic p21.. <i>International Journal of Biological Sciences</i> , 2022 , 18, 2568-2582 | 11.2 | |
| 1 | Lateral Flow Strip Assay for Detection of Based on a Pair of Sandwich-Type Aptamers.. <i>Journal of Biomedical Nanotechnology</i> , 2022 , 18, 166-174 | 4 | |