

# Zongyue Zeng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4470597/publications.pdf>

Version: 2024-02-01

32  
papers

3,493  
citations

346980

22  
h-index

445137

33  
g-index

33  
all docs

33  
docs citations

33  
times ranked

7135  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Notch Signaling Augments BMP9-Induced Bone Formation by Promoting the Osteogenesis-Angiogenesis Coupling Process in Mesenchymal Stem Cells (MSCs). <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 1905-1923.           | 1.1 | 1,939     |
| 2  | Adenovirus-mediated gene delivery: Potential applications for gene and cell-based therapies in the new era of personalized medicine. <i>Genes and Diseases</i> , 2017, 4, 43-63.  | 1.5 | 451       |
| 3  | A pH-Triggered, Self-Assembled, and Bioprintable Hybrid Hydrogel Scaffold for Mesenchymal Stem Cell Based Bone Tissue Engineering. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 8749-8762.                         | 4.0 | 112       |
| 4  | lncRNA H19 mediates BMP9-induced osteogenic differentiation of mesenchymal stem cells (MSCs) through Notch signaling. <i>Oncotarget</i> , 2017, 8, 53581-53601.   | 0.8 | 104       |
| 5  | Noncanonical Wnt signaling plays an important role in modulating canonical Wnt-regulated stemness, proliferation and terminal differentiation of hepatic progenitors. <i>Oncotarget</i> , 2017, 8, 27105-27119.                 | 0.8 | 79        |
| 6  | Monensin inhibits cell proliferation and tumor growth of chemo-resistant pancreatic cancer cells by targeting the EGFR signaling pathway. <i>Scientific Reports</i> , 2018, 8, 17914.   | 1.6 | 65        |
| 7  | BMP9-induced osteoblastic differentiation requires functional Notch signaling in mesenchymal stem cells. <i>Laboratory Investigation</i> , 2019, 99, 58-71.   | 1.7 | 57        |
| 8  | Thermoresponsive Citrate-Based Graphene Oxide Scaffold Enhances Bone Regeneration from BMP9-Stimulated Adipose-Derived Mesenchymal Stem Cells. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2943-2955.            | 2.6 | 52        |
| 9  | Engineering the Rapid Adenovirus Production and Amplification (RAPA) Cell Line to Expedite the Generation of Recombinant Adenoviruses. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 2383-2398.                       | 1.1 | 50        |
| 10 | MicroRNA-92a as a Potential Biomarker in Diagnosis of Colorectal Cancer: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e88745.  | 1.1 | 49        |
| 11 | Smad3 activates cancer-associated fibroblasts to regulate breast cancer cell invasion. <i>Molecular Oncology</i> , 2013, 7, 1116-1128.  | 2.1 | 42        |
| 12 | A simplified system for the effective expression and delivery of functional mature microRNAs in mammalian cells. <i>Cancer Gene Therapy</i> , 2020, 27, 424-437.  | 2.2 | 42        |
| 13 | Leptin Potentiates BMP9-Induced Osteogenic Differentiation of Mesenchymal Stem Cells Through the Activation of JAK/STAT Signaling. <i>Stem Cells and Development</i> , 2020, 29, 498-510.                                       | 1.1 | 42        |
| 14 | BMP9 induces osteogenesis and adipogenesis in the immortalized human cranial suture progenitors from the patent sutures of craniosynostosis patients. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2782-2795.  | 1.6 | 41        |
| 15 | Tissue Biomarkers for Prognosis of Prostate Cancer: A Systematic Review and Meta-analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 1047-1054.  | 1.1 | 37        |
| 16 | Reversibly immortalized human umbilical cord-derived mesenchymal stem cells (UC-MSCs) are responsive to BMP9-induced osteogenic and adipogenic differentiation. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8872-8886. | 1.2 | 36        |
| 17 | Microvesicles (MVs) secreted from adipose-derived stem cells (ADSCs) contain multiple microRNAs and promote the migration and invasion of endothelial cells. <i>Genes and Diseases</i> , 2020, 7, 225-234.                      | 1.5 | 36        |
| 18 | A Simplified System to Express Circularized Inhibitors of miRNA for Stable and Potent Suppression of miRNA Functions. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 556-567.   | 2.3 | 31        |

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|----|---|-----|-----------|
| 19 | Niclosamide Exhibits Potent Anticancer Activity and Synergizes with Sorafenib in Human Renal Cell Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 957-971.  | 1.1 | 31        |
| 20 | Gelatin-Derived Graphene-Silicate Hybrid Materials Are Biocompatible and Synergistically Promote BMP9-Induced Osteogenic Differentiation of Mesenchymal Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 15922-15932. | 4.0 | 30        |
| 21 | Establishment and functional characterization of the reversibly immortalized mouse glomerular podocytes (imPODs). <i>Genes and Diseases</i> , 2018, 5, 137-149.   | 1.5 | 25        |
| 22 | Developing a Versatile Shotgun Cloning Strategy for Single-Vector-Based Multiplex Expression of Short Interfering RNAs (siRNAs) in Mammalian Cells. <i>ACS Synthetic Biology</i> , 2019, 8, 2092-2105.                                    | 1.9 | 23        |
| 23 | The development of a sensitive fluorescent protein-based transcript reporter for high throughput screening of negative modulators of lncRNAs. <i>Genes and Diseases</i> , 2018, 5, 62-74.   | 1.5 | 18        |
| 24 | A reverse transcriptase-mediated ribosomal RNA depletion (RTR2D) strategy for the cost-effective construction of RNA sequencing libraries. <i>Journal of Advanced Research</i> , 2020, 24, 239-250.                                       | 4.4 | 16        |
| 25 | FAMSi: A Synthetic Biology Approach to the Fast Assembly of Multiplex siRNAs for Silencing Gene Expression in Mammalian Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 885-899.  | 2.3 | 15        |
| 26 | Development of a simplified and inexpensive RNA depletion method for plasmid DNA purification using size selection magnetic beads (SSMBs). <i>Genes and Diseases</i> , 2021, 8, 298-306.  | 1.5 | 15        |
| 27 | S100A8 facilitates the migration of colorectal cancer cells through regulating macrophages in the inflammatory microenvironment. <i>Oncology Reports</i> , 2016, 36, 279-290.   | 1.2 | 13        |
| 28 | BCL6B suppresses proliferation and migration of colorectal carcinoma cells through inhibition of the PI3K/AKT signaling pathway. <i>International Journal of Molecular Medicine</i> , 2018, 41, 2660-2668.                                | 1.8 | 10        |
| 29 | lncRNA HOXA-AS2 Promotes Tumor Progression by Suppressing miR-567 Expression in Oral Squamous Cell Carcinoma. <i>Cancer Management and Research</i> , 2021, Volume 13, 5443-5455.   | 0.9 | 10        |
| 30 | Cytoplasmic Drosha Is Aberrant in Precancerous Lesions of Gastric Carcinoma and Its Loss Predicts Worse Outcome for Gastric Cancer Patients. <i>Digestive Diseases and Sciences</i> , 2016, 61, 1080-1090.                                | 1.1 | 9         |
| 31 | OUHP: an optimized universal hairpin primer system for cost-effective and high-throughput RT-qPCR-based quantification of microRNA (miRNA) expression. <i>Nucleic Acids Research</i> , 2022, 50, e22-e22.                                 | 6.5 | 7         |
| 32 | Long transcripts minus touchdown qPCR (LTMT-qPCR): a simplified and convenient method for the screening and quantification of microRNA profile. <i>Laboratory Investigation</i> , 2021, 101, 1618-1626.                                   | 1.7 | 4         |