

Zongyue Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,493
citations

304743

22
h-index

395702

33
g-index

33
all docs

33
docs citations

33
times ranked

6614
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.	1.6	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.	3.4	451
3	A pH-Triggered, Self-Assembled, and Bioprintable Hybrid Hydrogel Scaffold for Mesenchymal Stem Cell Based Bone Tissue Engineering. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8749-8762.	8.0	112
4	lncRNA H19 mediates BMP9-induced osteogenic differentiation of mesenchymal stem cells (MSCs) through Notch signaling. <i>Oncotarget</i> , 2017, 8, 53581-53601.	1.8	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.	1.8	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.	3.3	65
7	BMP9-induced osteoblastic differentiation requires functional Notch signaling in mesenchymal stem cells. <i>Laboratory Investigation</i> , 2019, 99, 58-71.	3.7	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.	5.2	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.	1.6	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.	2.5	49
11	câ€œski activates cancerâ€œassociated fibroblasts to regulate breast cancer cell invasion. <i>Molecular Oncology</i> , 2013, 7, 1116-1128.	4.6	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.	4.6	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.	2.1	42
14	<scp>BMP</scp>9 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.	3.6	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.	2.5	37
16	Reversibly immortalized human umbilical cordâ€œderived mesenchymal stem cells (UCâ€œMSCs) are responsive to BMP9â€œinduced osteogenic and adipogenic differentiation. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8872-8886.	2.6	36
17	Microvesicles (MIVs) 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.	3.4	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.	5.1	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.	1.6	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 & Interfaces</i> , 2017, 9, 15922-15932.	8.0	30
21	Establishment and functional characterization of the reversibly immortalized mouse glomerular podocytes (imPODs). <i>Genes and Diseases</i> , 2018, 5, 137-149.	3.4	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.	3.8	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.	3.4	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.	9.5	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.	5.1	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.	3.4	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.	2.6	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.	4.0	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.	1.9	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.	2.3	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.	14.5	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.	3.7	4