Ritu Kulshreshtha

List of Publications by Year
in descending order

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48 papers	3,517 citations	236925 25 h-index	243625 44 g-index
48 all docs	48 docs citations	48 times ranked	5440 citing authors

#	Article	IF	Citations
1	A MicroRNA Signature of Hypoxia. Molecular and Cellular Biology, 2007, 27, 1859-1867.	2.3	990
2	MicroRNA Regulation of DNA Repair Gene Expression in Hypoxic Stress. Cancer Research, 2009, 69, 1221-1229.	0.9	402
3	An Integrated Approach for Experimental Target Identification of Hypoxia-induced miR-210. Journal of Biological Chemistry, 2009, 284, 35134-35143.	3.4	248
4	Hypoxia response and microRNAs: no longer two separate worlds. Journal of Cellular and Molecular Medicine, 2008, 12, 1426-1431.	3.6	182
5	Analysis of microRNA transcriptome by deep sequencing of small RNA libraries of peripheral blood. BMC Genomics, 2010, 11, 288.	2.8	136
6	Regulation of microRNA Expression: the Hypoxic Component. Cell Cycle, 2007, 6, 1425-1430.	2.6	132
7	miR-191: an emerging player in disease biology. Frontiers in Genetics, 2014, 5, 99.	2.3	131
8	Frontiers in the treatment of glioblastoma: Past, present and emerging. Advanced Drug Delivery Reviews, 2021, 171, 108-138.	13.7	125
9	Hypoxic signature of microRNAs in glioblastoma: insights from small RNA deep sequencing. BMC Genomics, 2014, 15, 686.	2.8	122
10	MicroRNA-191, an estrogen-responsive microRNA, functions as an oncogenic regulator in human breast cancer. Carcinogenesis, 2013, 34, 1889-1899.	2.8	103
11	Regulation of microRNA expression: the hypoxic component. Cell Cycle, 2007, 6, 1426-31.	2.6	86
12	HIF-inducible miR-191 promotes migration in breast cancer through complex regulation of TGFÎ²-signaling in hypoxic microenvironment.. Scientific Reports, 2015, 5, 9650.	3.3	79
13	Self assembled dual responsive micelles stabilized with protein for co-delivery of drug and siRNA in cancer therapy. Biomaterials, 2017, 133, 94-106.	11.4	75
14	Combined miRNA and mRNA Signature Identifies Key Molecular Players and Pathways Involved in Chikungunya Virus Infection in Human Cells. PLoS ONE, 2013, 8, e79886.	2.5	58
15	P53-miR-191-SOX4 regulatory loop affects apoptosis in breast cancer. Rna, 2017, 23, 1237-1246.	3.5	42
16	Enhanced efficacy of anti-miR-191 delivery through stearylamine liposome formulation for the treatment of breast cancer cells. International Journal of Pharmaceutics, 2017, 530, 387-400.	5.2	42
17	Interplay between p53 and non-coding RNAs in the regulation of EMT in breast cancer. Cell Death and Disease, 2021, 12, 17.	6.3	40
18	Genome-wide ChIP-seq analysis of EZH2-mediated H3K27me3 target gene profile highlights differences between low- and high-grade astrocytic tumors. Carcinogenesis, 2017, 38, bgw126.	2.8	37

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19	Genomeâ€wide small noncoding <scp>RNA</scp> profiling of pediatric highâ€grade gliomas reveals deregulation of several mi<scp>RNA</scp>s, identifies downregulation of sno<scp>RNA</scp> cluster <scp>HBII</scp>â€52 and delineates <scp>H3F3A</scp> and TP53 mutantâ€specific mi<scp>RNA</scp>s and sno<scp>RNA</scp>s. International Journal of Cancer, 2015, 137, 2343-2353.	5.1	36
20	Efficient delivery of anti-miR-210 using Tachyplesin, a cell penetrating peptide, for glioblastoma treatment. International Journal of Pharmaceutics, 2019, 572, 118789.	5.2	35
21	Biogenesis, characterization, and functions of mirtrons. Wiley Interdisciplinary Reviews RNA, 2022, 13, e1680.	6.4	33
22	Polycomb complex mediated epigenetic reprogramming alters TGFâ€Î² signaling via a novel EZH2/miRâ€490/TGIF2 axis thereby inducing migration and EMT potential in glioblastomas. International Journal of Cancer, 2019, 145, 1254-1269.	5.1	31
23	miRâ€22 regulates expression of oncogenic neuroâ€epithelial transforming gene 1, <scp>NET</scp>1. FEBS Journal, 2014, 281, 3904-3919.	4.7	30
24	Electrospun composite matrices of poly(Îµ-caprolactone)-montmorillonite made using tenside free Pickering emulsions. Materials Science and Engineering C, 2016, 69, 685-691.	7.3	29
25	Conducive 3D porous mesh of poly(Îµ-caprolactone) made via emulsion electrospinning. Polymer, 2014, 55, 3970-3979.	3.8	25
26	p53 and miRâ€210 regulated NeuroD2, a neuronal basic helixâ€“loopâ€“helix transcription factor, is downregulated in glioblastoma patients and functions as a tumor suppressor under hypoxic microenvironment. International Journal of Cancer, 2018, 142, 1817-1828.	5.1	25
27	The interplay of HuR and miR-3134 in regulation of AU rich transcriptome. RNA Biology, 2013, 10, 1283-1290.	3.1	24
28	Emulsion electrospun composite matrices of poly(Îµ-caprolactone)-hydroxyapatite: Strategy for hydroxyapatite confinement and retention on fiber surface. Materials Letters, 2016, 167, 288-296.	2.6	18
29	Hydroxyapatite stabilized pickering emulsions of poly(Îµ-caprolactone) and their composite electrospun scaffolds. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 533, 224-230.	4.7	16
30	Insights into the regulatory role and clinical relevance of mediator subunit, MED12, in human diseases. Journal of Cellular Physiology, 2021, 236, 3163-3177.	4.1	16
31	Analysis of EZH2: micro-RNA network in low and high grade astrocytic tumors. Brain Tumor Pathology, 2016, 33, 117-128.	1.7	15
32	Facile Fabrication of Composite Electrospun Nanofibrous Matrices of Poly(Îµ-caprolactone)â€“Silica Based Pickering Emulsion. Langmuir, 2017, 33, 8062-8069.	3.5	15
33	miR-490 suppresses telomere maintenance program and associated hallmarks in glioblastoma. Cellular and Molecular Life Sciences, 2021, 78, 2299-2314.	5.4	15
34	Development of novel ruthenium(<scp>ii</scp>)â€“arene complexes displaying potent anticancer effects in glioblastoma cells. Dalton Transactions, 2020, 49, 13294-13310.	3.3	14
35	Potential of microRNA based diagnostics and therapeutics in glioma: a patent review. Expert Opinion on Therapeutic Patents, 2021, 31, 91-106.	5.0	14
36	miRâ€490: A potential biomarker and therapeutic target in cancer and other diseases. Journal of Cellular Physiology, 2021, 236, 3178-3193.	4.1	13

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37	Expression analysis of genes encoding translation initiation factor 3 subunit g (TaeIF3g) and vesicle-associated membrane protein-associated protein (TaVAP) in drought tolerant and susceptible cultivars of wheat. Plant Science, 2007, 173, 660-669.	3.6	11
38	ApoptomiRs of Breast Cancer: Basics to Clinics. Frontiers in Genetics, 2016, 7, 175.	2.3	11
39	Hypoxia-inducible miR-196a modulates glioblastoma cell proliferation and migration through complex regulation of NRAS. Cellular Oncology (Dordrecht), 2021, 44, 433-451.	4.4	11
40	Essential role of MED1 in the transcriptional regulation of ER-dependent oncogenic miRNAs in breast cancer. Scientific Reports, 2018, 8, 11805.	3.3	10
41	Metastasis associated long noncoding RNAs in glioblastoma: Biomarkers and therapeutic targets. Journal of Cellular Physiology, 2022, 237, 401-420.	4.1	10
42	Synthesis and evaluation of cationically modified poly(styrene-alt-maleic anhydride) nanocarriers for intracellular gene delivery. RSC Advances, 2015, 5, 21931-21944.	3.6	9
43	Pluripotent and Multipotent Stem Cells Display Distinct Hypoxic miRNA Expression Profiles. PLoS ONE, 2016, 11, e0164976.	2.5	9
44	MicroRNA therapeutics in glioblastoma: Candidates and targeting strategies. , 2019, , 261-292.		7
45	HIF1Î± and p53 Regulated MED30, a Mediator Complex Subunit, is Involved in Regulation of Glioblastoma Pathogenesis and Temozolomide Resistance. Cellular and Molecular Neurobiology, 2020, 41, 1521-1535.	3.3	4
46	MED12 is overexpressed in glioblastoma patients and serves as an oncogene by targeting the VDR/BCL6/p53 axis. Cellular and Molecular Life Sciences, 2022, 79, 104.	5.4	1
47	Gene expression based profiling of pleomorphic xanthoastrocytoma highlights two prognostic subgroups.. American Journal of Translational Research (discontinued), 2022, 14, 1010-1023.	0.0	0
48	Long Non-coding RNA and mRNA Co-expression Network Reveals Novel Players in Pleomorphic Xanthoastrocytoma. Molecular Neurobiology, 0, , .	4.0	0