

Young-Kook Kim

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

6,700
citations

257450

24
h-index

144013

57
g-index

59
all docs

59
docs citations

59
times ranked

9496
citing authors

#	ARTICLE	IF	CITATIONS
1	The Drosha-DGCR8 complex in primary microRNA processing. <i>Genes and Development</i> , 2004, 18, 3016-3027.	5.9	1,774
2	TUT4 in Concert with Lin28 Suppresses MicroRNA Biogenesis through Pre-MicroRNA Uridylation. <i>Cell</i> , 2009, 138, 696-708.	28.9	730
3	Processing of intronic microRNAs. <i>EMBO Journal</i> , 2007, 26, 775-783.	7.8	714
4	The role of PACT in the RNA silencing pathway. <i>EMBO Journal</i> , 2006, 25, 522-532.	7.8	594
5	Functional links between clustered microRNAs: suppression of cell-cycle inhibitors by microRNA clusters in gastric cancer. <i>Nucleic Acids Research</i> , 2009, 37, 1672-1681.	14.5	429
6	Posttranscriptional Crossregulation between Drosha and DGCR8. <i>Cell</i> , 2009, 136, 75-84.	28.9	380
7	Re-evaluation of the roles of <i>DROSHA</i> , <i>Exportin 5</i> , and <i>DICER1</i> in microRNA biogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1881-9.	7.1	367
8	Short Structured RNAs with Low GC Content Are Selectively Lost during Extraction from a Small Number of Cells. <i>Molecular Cell</i> , 2012, 46, 893-895.	9.7	196
9	Human cytomegalovirus microRNA miR-US4-1 inhibits CD8+ T cell responses by targeting the aminopeptidase ERAP1. <i>Nature Immunology</i> , 2011, 12, 984-991.	14.5	162
10	Modifications of Small RNAs and Their Associated Proteins. <i>Cell</i> , 2010, 143, 703-709.	28.9	151
11	MicroRNA-494 Downregulates KIT and Inhibits Gastrointestinal Stromal Tumor Cell Proliferation. <i>Clinical Cancer Research</i> , 2011, 17, 7584-7594.	7.0	99
12	RNA therapy: rich history, various applications and unlimited future prospects. <i>Experimental and Molecular Medicine</i> , 2022, 54, 455-465.	7.7	92
13	TALEN-based knockout library for human microRNAs. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 1458-1464.	8.2	74
14	Extracellular microRNAs as Biomarkers in Human Disease. <i>Chonnam Medical Journal</i> , 2015, 51, 51.	0.9	69
15	RNA Therapy: Current Status and Future Potential. <i>Chonnam Medical Journal</i> , 2020, 56, 87.	0.9	64
16	The regulatory impact of RNA-binding proteins on microRNA targeting. <i>Nature Communications</i> , 2021, 12, 5057.	12.8	54
17	Identification of the Role of miR-142-5p in Alzheimer's Disease by Comparative Bioinformatics and Cellular Analysis. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 227.	2.9	47
18	The roles of non-coding RNAs in vascular calcification and opportunities as therapeutic targets. , 2021, 218, 107675.		43

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19	Glucagon-like peptide-1 suppresses neuroinflammation and improves neural structure. <i>Pharmacological Research</i> , 2020, 152, 104615.	7.1	42
20	The microRNA miR-124 inhibits vascular smooth muscle cell proliferation by targeting S100 calcium-binding protein A4 (S100A4). <i>FEBS Letters</i> , 2017, 591, 1041-1052.	2.8	40
21	Transcriptomic Analysis of High Fat Diet Fed Mouse Brain Cortex. <i>Frontiers in Genetics</i> , 2019, 10, 83.	2.3	37
22	Characterization of Circular RNAs in Vascular Smooth Muscle Cells with Vascular Calcification. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 31-41.	5.1	32
23	Animal models for the study of depressive disorder. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 633-642.	3.9	30
24	The Glymphatic System in Diabetes-Induced Dementia. <i>Frontiers in Neurology</i> , 2018, 9, 867.	2.4	28
25	MicroRNA-139-5p regulates proliferation of hematopoietic progenitors and is repressed during BCR-ABL-mediated leukemogenesis. <i>Blood</i> , 2016, 128, 2117-2129.	1.4	27
26	Long noncoding RNAs in vascular smooth muscle cells regulate vascular calcification. <i>Scientific Reports</i> , 2019, 9, 5848.	3.3	25
27	Identification of long noncoding RNAs involved in muscle differentiation. <i>PLoS ONE</i> , 2018, 13, e0193898.	2.5	23
28	Inhibition of heat shock protein 70 blocks the development of cardiac hypertrophy by modulating the phosphorylation of histone deacetylase 2. <i>Cardiovascular Research</i> , 2019, 115, 1850-1860.	3.8	23
29	PP2A negatively regulates the hypertrophic response by dephosphorylating HDAC2 S394 in the heart. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-14.	7.7	22
30	miR-27a-3p Targets ATF3 to Reduce Calcium Deposition in Vascular Smooth Muscle Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 627-639.	5.1	22
31	New Aspects of Vascular Calcification: Histone Deacetylases and Beyond. <i>Journal of Korean Medical Science</i> , 2017, 32, 1738.	2.5	21
32	Diverse roles of noncoding RNAs in vascular calcification. <i>Archives of Pharmacal Research</i> , 2019, 42, 244-251.	6.3	21
33	Connexin43 and zonula occludens-1 are targets of Akt in cardiomyocytes that correlate with cardiac contractile dysfunction in Akt deficient hearts. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1183-1191.	3.8	19
34	Roles of Histone Acetylation Modifiers and Other Epigenetic Regulators in Vascular Calcification. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3246.	4.1	16
35	Identification of Long Noncoding RNAs Involved in Differentiation and Survival of Vascular Smooth Muscle Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 209-221.	5.1	15
36	Circular RNA circSmoc1-2 regulates vascular calcification by acting as a miR-874-3p sponge in vascular smooth muscle cells. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 645-655.	5.1	15

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37	Precise mapping of the transcription start sites of human microRNAs using DROSHA knockout cells. <i>BMC Genomics</i> , 2016, 17, 908.	2.8	14
38	Sumoylation of histone deacetylase 1 regulates MyoD signaling during myogenesis. <i>Experimental and Molecular Medicine</i> , 2018, 50, e427-e427.	7.7	14
39	Knockout of miR-221 and miR-222 reveals common and specific targets for paralogous miRNAs. <i>RNA Biology</i> , 2017, 14, 197-205.	3.1	11
40	MicroRNAs 218a-5p, 219a-5p, and 221-3p regulate vestibular compensation. <i>Scientific Reports</i> , 2017, 7, 8701.	3.3	11
41	Targeting non-coding RNAs for the treatment of retinal diseases. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 284-293.	5.1	11
42	Thyocyte-specific deletion of insulin and IGF1 receptors induces papillary thyroid carcinoma-like lesions through EGFR pathway activation. <i>International Journal of Cancer</i> , 2018, 143, 2458-2469.	5.1	10
43	P300/CBP-Associated Factor Activates Cardiac Fibroblasts by SMAD2 Acetylation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9944.	4.1	10
44	Discovery and Functional Prediction of Long Non-Coding RNAs Common to Ischemic Stroke and Myocardial Infarction. <i>Journal of Lipid and Atherosclerosis</i> , 2020, 9, 449.	3.5	10
45	Obesity-linked circular RNA circTshz2-2 regulates the neuronal cell cycle and spatial memory in the brain. <i>Molecular Psychiatry</i> , 2021, 26, 6350-6364.	7.9	10
46	The Role of Long Noncoding RNAs in Diabetic Alzheimer's Disease. <i>Journal of Clinical Medicine</i> , 2018, 7, 461.	2.4	8
47	Transcriptome Analysis of Pineal Glands in the Mouse Model of Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 318.	2.9	8
48	SRF is a nonhistone methylation target of KDM2B and SET7 in the regulation of skeletal muscle differentiation. <i>Experimental and Molecular Medicine</i> , 2021, 53, 250-263.	7.7	8
49	MicroRNAs Related to Cognitive Impairment After Hearing Loss. <i>Clinical and Experimental Otorhinolaryngology</i> , 2021, 14, 76-81.	2.1	8
50	The microRNA <i>miR-134-5p</i> induces calcium deposition by inhibiting histone deacetylase 5 in vascular smooth muscle cells. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 10542-10550.	3.6	7
51	Analysis of Circular RNAs in the Coronary Arteries of Patients with Kawasaki Disease. <i>Journal of Lipid and Atherosclerosis</i> , 2019, 8, 50.	3.5	7
52	Long Noncoding RNAs Regulate Hyperammonemia-Induced Neuronal Damage in Hepatic Encephalopathy. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-13.	4.0	6
53	Gastric Carcinogenesis in the miR-222/221 Transgenic Mouse Model. <i>Cancer Research and Treatment</i> , 2017, 49, 150-160.	3.0	5
54	Identification and characterization of small RNAs from vernalized <i>Arabidopsis thaliana</i> . <i>Journal of Plant Biology</i> , 2007, 50, 562-572.	2.1	4

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55	Role of microRNAâ€³75â€³-mediated regulation in tinnitus development. International Journal of Molecular Medicine, 2021, 48, .	4.0	4
56	Comprehensive evaluation of differentially expressed non-coding RNAs identified during macrophage activation. Molecular Immunology, 2020, 128, 98-105.	2.2	2
57	Regulation of MDM2 E3 ligase-dependent vascular calcification by MSX1/2. Experimental and Molecular Medicine, 2021, 53, 1781-1791.	7.7	2