Jae Hoon Bahn

List of Publications by Year
in descending order

44 papers	2,912 citations	279798 23 h-index	265206 42 g-index
49 all docs	49 docs citations	49 times ranked	4749 citing authors

#	Article	IF	Citations
1	The Landscape of MicroRNA, Piwi-Interacting RNA, and Circular RNA in Human Saliva. Clinical Chemistry, 2015, 61, 221-230.	3.2	573
2	Accurate identification of A-to-I RNA editing in human by transcriptome sequencing. Genome Research, 2012, 22, 142-150.	5.5	297
3	Induction of cell growth arrest by atmospheric non-thermal plasma in colorectal cancer cells. Journal of Biotechnology, 2010, 150, 530-538.	3.8	173
4	Widespread RNA editing dysregulation in brains from autistic individuals. Nature Neuroscience, 2019, 22, 25-36.	14.8	161
5	Sex- and clock-controlled expression of the neuropeptide F gene in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12580-12585.	7.1	145
6	Genomic analysis of ADAR1 binding and its involvement in multiple RNA processing pathways. Nature Communications, 2015, 6, 6355.	12.8	127
7	Transduction of human catalase mediated by an HIV-1 TAT protein basic domain and arginine-rich peptides into mammalian cells. Free Radical Biology and Medicine, 2001, 31, 1509-1519.	2.9	120
8	Mutational analysis of a human immunodeficiency virus type 1 Tat protein transduction domain which is required for delivery of an exogenous protein into mammalian cells. Journal of General Virology, 2002, 83, 1173-1181.	2.9	112
9	Effects of atmospheric nonthermal plasma on invasion of colorectal cancer cells. Applied Physics Letters, 2010, 96, 243701.	3.3	111
10	RNA editing in nascent RNA affects pre-mRNA splicing. Genome Research, 2018, 28, 812-823.	5.5	107
11	Regulation of RNA editing by RNA-binding proteins in human cells. Communications Biology, 2019, 2, 19.	4.4	97
12	Identification of allele-specific alternative mRNA processing via transcriptome sequencing. Nucleic Acids Research, 2012, 40, e104-e104.	14.5	74
13	Comparative Analysis of Pdf-Mediated Circadian Behaviors BetweenDrosophila melanogasterandD. virilis. Genetics, 2009, 181, 965-975.	2.9	69
14	Anticonvulsant compounds from the wood ofCaesalpinia sappan L.. Archives of Pharmacal Research, 2000, 23, 344-348.	6.3	68
15	Activating transcription factor 2 (ATF2) controls tolfenamic acid-induced ATF3 expression via MAP kinase pathways. Oncogene, 2010, 29, 5182-5192.	5.9	68
16	ESE-1/EGR-1 pathway plays a role in tolfenamic acid-induced apoptosis in colorectal cancer cells. Molecular Cancer Therapeutics, 2008, 7, 3739-3750.	4.1	58
17	Alternative splicing modulated by genetic variants demonstrates accelerated evolution regulated by highly conserved proteins. Genome Research, 2016, 26, 440-450.	5.5	50
18	Resveratrol-Induced Apoptosis Is Mediated by Early Growth Response-1, KrÃ¼ppel-Like Factor 4, and Activating Transcription Factor 3. Cancer Prevention Research, 2011, 4, 116-127.	1.5	46

#	Article	IF	Citations
19	Isolation and identification of succinic semialdehyde dehydrogenase inhibitory compound from the rhizome ofGastrodia elata blume. Archives of Pharmacal Research, 1999, 22, 219-224.	6.3	43
20	The alteration of Î³-aminobutyric acid-transaminase expression in the gerbil hippocampus induced by seizure. Neurochemistry International, 2001, 38, 609-614.	3.8	39
21	Allele-specific binding of RNA-binding proteins reveals functional genetic variants in the RNA. Nature Communications, 2019, 10, 1338.	12.8	38
22	Research Resource: Hormones, Genes, and Athleticism: Effect of Androgens on the Avian Muscular Transcriptome. Molecular Endocrinology, 2016, 30, 254-271.	3.7	37
23	9-polylysine protein transduction domain: enhanced penetration efficiency of superoxide dismutase into mammalian cells and skin. Molecules and Cells, 2002, 13, 202-8.	2.6	31
24	RNA editing in cancer impacts mRNA abundance in immune response pathways. Genome Biology, 2020, 21, 268.	8.8	27
25	The decreases in calcium binding proteins and neurofilament immunoreactivities in the Purkinje cell of the Seizure Sensitive Gerbils. Neurochemistry International, 2002, 40, 115-122.	3.8	23
26	Different Antigenic Reactivities of Bovine Brain Glutamate Dehydrogenase Isoproteins. Journal of Neurochemistry, 2008, 72, 2162-2169.	3.9	23
27	Immunohistochemical studies of brain pyridoxine-5â€²-phosphate oxidase. Brain Research, 2002, 925, 159-168.	2.2	22
28	Human brain GABA transaminase. FEBS Journal, 2000, 267, 5601-5607.	0.2	21
29	Elevation of the Î³-aminobutyric acid transaminase expression in the gerbil CA1 area after ischemia-reperfusion damage. Neuroscience Letters, 2000, 294, 33-36.	2.1	17
30	Ischemia-related change of ceruloplasmin immunoreactivity in neurons and astrocytes in the gerbil hippocampus and dentate gyrus. Neurochemistry International, 2004, 44, 601-607.	3.8	17
31	Allele-specific alternative splicing and its functional genetic variants in human tissues. Genome Research, 2021, 31, 359-371.	5.5	17
32	Changes in pyridoxal kinase immunoreactivity in the gerbil hippocampus following spontaneous seizure. Brain Research, 2002, 957, 242-250.	2.2	16
33	Chronological changes in pyridoxine-5?-phosphate oxidase immunoreactivity in the seizure-sensitive gerbil hippocampus. Journal of Neuroscience Research, 2002, 68, 785-791.	2.9	16
34	Brain succinic semialdehyde dehydrogenase: identification of reactive lysyl residues labeled with pyridoxal-5â€²-phosphate. Journal of Neurochemistry, 2008, 76, 919-925.	3.9	13
35	Mayâ€“Hegglin anomaly in a dog. Veterinary Clinical Pathology, 2011, 40, 207-214.	0.7	12
36	Dopamine D2 Receptor as a Cellular Component Controlling Nocturnal Hyperactivities inDrosophila melanogaster. Chronobiology International, 2013, 30, 443-459.	2.0	11

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37	Global analyses of endonucleolytic cleavage in mammals reveal expanded repertoires of cleavage-inducing small RNAs and their targets. Nucleic Acids Research, 2016, 44, 3253-3263.	14.5	8
38	Extracellular microRNA 3â€™ end modification across diverse body fluids. Epigenetics, 2021, 16, 1000-1015.	2.7	7
39	A Homeobox Transcription Factor Scarecrow (SCRO) Negatively Regulates Pdf Neuropeptide Expression through Binding an Identified cis-Acting Element in Drosophila melanogaster. Molecular Neurobiology, 2020, 57, 2115-2130.	4.0	6
40	Production and characterization of monoclonal antibodies to porcine brain pyridoxal kinase. BioFactors, 1999, 10, 35-42.	5.4	4
41	Global Approaches to Alternative Splicing and Its Regulationâ€”Recent Advances and Open Questions. Translational Bioinformatics, 2016, , 37-71.	0.0	2
42	Human glutamate dehydrogenase is immunologically distinct from other mammalian orthologues. Experimental and Molecular Medicine, 2003, 35, 249-256.	7.7	1
43	Abstract 2035: Activating transcription factor 2 (ATF2) controls tolfenamic acid-induced ATF3 expression via MAP kinase pathways. , 2011, , .		0
44	Production of monoclonal antibodies and immunohistochemical studies of brain myo-inositol monophosphate phosphatase. Molecules and Cells, 2002, 13, 21-7.	2.6	0