Youngsoo Lee

List of Publications by Year in descending order

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49 papers	4,570 citations	201674 27 h-index	214800 47 g-index
49 all docs	49 docs citations	49 times ranked	6727 citing authors

#	Article	IF	Citations
1	Puma is an essential mediator of p53-dependent and -independent apoptotic pathways. Cancer Cell, 2003, 4, 321-328.	16.8	818
2	Subtypes of medulloblastoma have distinct developmental origins. Nature, 2010, 468, 1095-1099.	27.8	710
3	A mouse model of ATR-Seckel shows embryonic replicative stress and accelerated aging. Nature Genetics, 2009, 41, 891-898.	21.4	317
4	Clinical, Histopathologic, and Molecular Markers of Prognosis: Toward a New Disease Risk Stratification System for Medulloblastoma. Journal of Clinical Oncology, 2004, 22, 984-993.	1.6	261
5	Selective utilization of nonhomologous end-joining and homologous recombination DNA repair pathways during nervous system development. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10017-10022.	7.1	168
6	DNA ligase III is critical for mtDNA integrity but not Xrcc1-mediated nuclear DNA repair. Nature, 2011, 471, 240-244.	27.8	160
7	A molecular fingerprint for medulloblastoma. Cancer Research, 2003, 63, 5428-37.	0.9	149
8	Shh Pathway Activity Is Down-Regulated in Cultured Medulloblastoma Cells: Implications for Preclinical Studies. Cancer Research, 2006, 66, 4215-4222.	0.9	147
9	The tumor suppressors Ink4c and p53 collaborate independently with Patched to suppress medulloblastoma formation. Genes and Development, 2005, 19, 2656-2667.	5.9	133
10	Aberrant topoisomerase-1 DNA lesions are pathogenic in neurodegenerative genome instability syndromes. Nature Neuroscience, 2014, 17, 813-821.	14.8	128
11	The mitochondrial ubiquitin ligase MARCH5 resolves MAVS aggregates during antiviral signalling. Nature Communications, 2015, 6, 7910.	12.8	127
12	Ataxia Telangiectasia Mutated-Dependent Apoptosis after Genotoxic Stress in the Developing Nervous System Is Determined by Cellular Differentiation Status. Journal of Neuroscience, 2001, 21, 6687-6693.	3.6	120
13	BRCA2 is required for neurogenesis and suppression of medulloblastoma. EMBO Journal, 2007, 26, 2732-2742.	7.8	109
14	The genesis of cerebellar interneurons and the prevention of neural DNA damage require XRCC1. Nature Neuroscience, 2009, 12, 973-980.	14.8	105
15	DNA ligase IV suppresses medulloblastoma formation. Cancer Research, 2002, 62, 6395-9.	0.9	101
16	Patched2 Modulates Tumorigenesis in Patched1 Heterozygous Mice. Cancer Research, 2006, 66, 6964-6971.	0.9	95
17	Differential DNA damage signaling accounts for distinct neural apoptotic responses in ATLD and NBS. Genes and Development, 2009, 23, 171-180.	5.9	92
18	The Reaper-Binding Protein Scythe Modulates Apoptosis and Proliferation during Mammalian Development. Molecular and Cellular Biology, 2005, 25, 10329-10337.	2.3	89

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19	Recurrent genomic alterations characterize medulloblastoma arising from DNA double-strand break repair deficiency. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 1880-1885.	7.1	77
20	ATR maintains select progenitors during nervous system development. EMBO Journal, 2012, 31, 1177-1189.	7.8	74
21	Distinct domains in Nbs1 regulate irradiation-induced checkpoints and apoptosis. Journal of Experimental Medicine, 2007, 204, 1003-1011.	8.5	71
22	Neurogenesis requires TopBP1 to prevent catastrophic replicative DNA damage in early progenitors. Nature Neuroscience, 2012, 15, 819-826.	14.8	55
23	Chapter 12 Regulation of prolactin secretion during pregnancy and lactation. Progress in Brain Research, 2001, 133, 173-185.	1.4	48
24	Distribution of prolactin-releasing peptide mRNA in the rat brain. Brain Research Bulletin, 2000, 51, 171-176.	3.0	46
25	Feedback Effects of Placental Lactogens on Prolactin Levels and Fos-Related Antigen Immunoreactivity of Tuberoinfundibular Dopaminergic Neurons in the Arcuate Nucleus during Pregnancy in the Rat*. Endocrinology, 1999, 140, 2159-2166.	2.8	41
26	The Centrosomal, Putative Tumor Suppressor Protein TACC2 Is Dispensable for Normal Development, and Deficiency Does Not Lead to Cancer. Molecular and Cellular Biology, 2004, 24, 6403-6409.	2.3	33
27	Murine Ovarian Development Is Not Affected by Inactivation of the Bcl-2 Family Member Diva. Molecular and Cellular Biology, 2002, 22, 6866-6870.	2.3	31
28	Role of the miR-17â^¼92 cluster family in cerebellar and medulloblastoma development. Biology Open, 2014, 3, 597-605.	1.2	29
29	Hepatitis B virus X protein activates the ATMâ€“Chk2 pathway and delays cell cycle progression. Journal of General Virology, 2015, 96, 2242-2251.	2.9	27
30	Fos Expression in the Female Rat Brain during the Proestrous Prolactin Surge and following Mating. Neuroendocrinology, 1999, 69, 281-289.	2.5	23
31	Semicircadian Rhythms of c-Fos Expression in Several Hypothalamic Areas during Pregnancy in the Rat: Relationship to Prolactin Secretion. Neuroendocrinology, 1998, 67, 83-93.	2.5	21
32	Prognostic significance of catalase expression and its regulatory effects on hepatitis B virus X protein (HBx) in HBV-related advanced hepatocellular carcinomas. Oncotarget, 2014, 5, 12233-12246.	1.8	21
33	The chromatin remodeler RSF1 controls centromeric histone modifications to coordinate chromosome segregation. Nature Communications, 2018, 9, 3848.	12.8	20
34	Involvement of Endogenous Opioidergic Neurons in Modulation of Prolactin Secretion in Response to Mating in the Female Rat. Neuroendocrinology, 2000, 72, 20-28.	2.5	16
35	Pot1a Prevents Telomere Dysfunction and ATM-Dependent Neuronal Loss. Journal of Neuroscience, 2014, 34, 7836-7844.	3.6	15
36	Chromatin-remodeling factor, RSF1, controls p53-mediated transcription in apoptosis upon DNA strand breaks. Cell Death and Disease, 2018, 9, 1079.	6.3	15

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37	Atm deficiency in the DNA polymerase Î² null cerebellum results in cerebellar ataxia and Itpr1 reduction associated with alteration of cytosine methylation. Nucleic Acids Research, 2020, 48, 3678-3691.	14.5	14
38	Dicer Is Required for Normal Cerebellar Development and to Restrain Medulloblastoma Formation. PLoS ONE, 2015, 10, e0129642.	2.5	11
39	DNA damage to human genetic disorders with neurodevelopmental defects. Journal of Genetic Medicine, 2016, 13, 1-13.	0.2	11
40	Detection of Apoptosis in the Central Nervous System. Methods in Molecular Biology, 2009, 559, 273-282.	0.9	8
41	Identification of a rare homozygous c.790C>T variation in the TFB2M gene in Korean patients with autism spectrum disorder. Biochemical and Biophysical Research Communications, 2018, 507, 148-154.	2.1	8
42	Atm and c-Abl cooperate in the response to genotoxic stress during nervous system development. Developmental Brain Research, 2003, 145, 31-38.	1.7	7
43	DNA polymerase Î² deficiency in the p53 null cerebellum leads to medulloblastoma formation. Biochemical and Biophysical Research Communications, 2018, 505, 548-553.	2.1	6
44	Rhythmicity of Î²-endorphinergic neuronal activity in the mediobasal hypothalamus during pregnancy in the rat. Brain Research, 1999, 837, 152-160.	2.2	5
45	Clinical characteristics and risk factors for cefaclor-induced immediate hypersensitivity: a retrospective observation at two university hospitals in Korea. Allergy, Asthma and Clinical Immunology, 2021, 17, 20.	2.0	4
46	Involvement of Atm and Trp53 in neural cell loss due to Terf2 inactivation during mouse brain development. Histochemistry and Cell Biology, 2017, 148, 489-501.	1.7	3
47	Cefaclor-induced hypersensitivity: Differences in the incidence of anaphylaxis relative to other 2nd and 3rd generation cephalosporins. PLoS ONE, 2021, 16, e0254898.	2.5	1
48	In-Cell RNA Hydrolysis Assay: A Method for the Determination of the RNase Activity of Potential RNases. Molecular Biotechnology, 2015, 57, 506-512.	2.4	0
49	Distinct domains in Nbs1 regulate irradiation-induced checkpoints and apoptosis. Journal of Cell Biology, 2007, 177, i8-i8.	5.2	0