

# Keekwang Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,259  
citations

394286

19  
h-index

395590

33  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2247  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of Neuronal Nuclei (NeuN) as Fox-3, a New Member of the Fox-1 Gene Family of Splicing Factors. <i>Journal of Biological Chemistry</i> , 2009, 284, 31052-31061.	1.6	310
2	Rbfox3-regulated alternative splicing of Numb promotes neuronal differentiation during development. <i>Journal of Cell Biology</i> , 2013, 200, 443-458.	2.3	106
3	Fox-3 and PSF interact to activate neural cell-specific alternative splicing. <i>Nucleic Acids Research</i> , 2011, 39, 3064-3078.	6.5	76
4	Development of a SFTSV DNA vaccine that confers complete protection against lethal infection in ferrets. <i>Nature Communications</i> , 2019, 10, 3836.	5.8	51
5	Rbfox3 controls the biogenesis of a subset of microRNAs. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 901-910.	3.6	47
6	Up regulation of GW112 Gene by NF $\kappa$ B promotes an antiapoptotic property in gastric cancer cells. <i>Molecular Carcinogenesis</i> , 2010, 49, 259-270.	1.3	46
7	Assessments of polycaprolactone/hydroxyapatite composite scaffold with enhanced biomimetic mineralization by exposure to hydroxyapatite via a 3D-printing system and alkaline erosion. <i>European Polymer Journal</i> , 2019, 113, 340-348.	2.6	46
8	Conventionally used reference genes are not outstanding for normalization of gene expression in human cancer research. <i>BMC Bioinformatics</i> , 2019, 20, 245.	1.2	44
9	Magnesium ions enhance infiltration of osteoblasts in scaffolds via increasing cell motility. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 96.	1.7	35
10	Characterisation of genes differentially expressed in macrophages by virulent and attenuated <i>Mycobacterium tuberculosis</i> through RNA-Seq analysis. <i>Scientific Reports</i> , 2019, 9, 4027.	1.6	35
11	RBM47-regulated alternative splicing of TJP1 promotes actin stress fiber assembly during epithelial-to-mesenchymal transition. <i>Oncogene</i> , 2019, 38, 6521-6536.	2.6	31
12	Loss of imprinting mutations define both distinct and overlapping roles for misexpression of IGF2 and of H19 lncRNA. <i>Nucleic Acids Research</i> , 2017, 45, 12766-12779.	6.5	30
13	State-of-the-art housekeeping proteins for quantitative western blotting: Revisiting the first draft of the human proteome. <i>Proteomics</i> , 2016, 16, 1863-1867.	1.3	27
14	Stress Granules Contain Rbfox2 with Cell Cycle-related mRNAs. <i>Scientific Reports</i> , 2017, 7, 11211.	1.6	27
15	Rbfox2 dissociation from stress granules suppresses cancer progression. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-12.	3.2	26
16	Alpha-Casein and Beta-Lactoglobulin from Cow Milk Exhibit Antioxidant Activity: A Plausible Link to Antiaging Effects. <i>Journal of Food Science</i> , 2019, 84, 3083-3090.	1.5	25
17	Autophagy-mediated upregulation of cytoplasmic claudin 1 stimulates the degradation of SQSTM1/p62 under starvation. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 159-166.	1.0	22
18	Cardiac toxicity from bisphenol A exposure in human-induced pluripotent stem cell-derived cardiomyocytes. <i>Toxicology and Applied Pharmacology</i> , 2021, 428, 115696.	1.3	22

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19	Transforming Growth Factor- $\beta$ -Induced Rbfox3 Inhibition Promotes Epithelial-Mesenchymal Transition of Lung Cancer Cells. <i>Molecules and Cells</i> , 2016, 39, 625-630.	1.0	21
20	Activation of the Thyroid-Stimulating Hormone $\beta$ -Subunit Gene by LIM Homeodomain Transcription Factor Lhx2. <i>Endocrinology</i> , 2007, 148, 3468-3476.	1.4	19
21	Biochemical activity of magnesium ions on human osteoblast migration. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 588-594.	1.0	19
22	Fabrication of a Polycaprolactone/Alginate Bipartite Hybrid Scaffold for Osteochondral Tissue Using a Three-Dimensional Bioprinting System. <i>Polymers</i> , 2020, 12, 2203.	2.0	17
23	Histone and RNA-binding protein interaction creates crosstalk network for regulation of alternative splicing. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 30-36.	1.0	16
24	Polyhexamethylene guanidine phosphate increases stress granule formation in human 3D lung organoids under respiratory syncytial virus infection. <i>Ecotoxicology and Environmental Safety</i> , 2022, 229, 113094.	2.9	12
25	Bortezomib, a proteasome inhibitor, alleviates atopic dermatitis by increasing claudin 1 protein expression. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 744-750.	1.0	11
26	Maternal Bisphenol A (BPA) Exposure Alters Cerebral Cortical Morphogenesis and Synaptic Function in Mice. <i>Cerebral Cortex</i> , 2021, 31, 5598-5612.	1.6	11
27	Isoform-specific proteasomal degradation of Rbfox3 during chicken embryonic development. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 1662-1667.	1.0	10
28	An in vitro technique to identify the RNA binding-site sequences for RNA-binding proteins. <i>BioTechniques</i> , 2017, 63, 28-33.	0.8	9
29	Polyhexamethylene guanidine phosphate, chloromethylisothiazolinone, and particulate matter are dispensable for stress granule formation in human airway epithelial cells. <i>Animal Cells and Systems</i> , 2021, 25, 146-151.	0.8	9
30	Pulmonary fibrosis model using micro-CT analyzable human PSC-derived alveolar organoids containing alveolar macrophage-like cells. <i>Cell Biology and Toxicology</i> , 2022, 38, 557-575.	2.4	9
31	Msx1 homeodomain transcription factor and TATA-binding protein interact to repress the expression of the glycoprotein hormone $\beta$ subunit gene. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 326-330.	1.0	7
32	Identification of Differentially Expressed Genes Associated with Extracellular Matrix Degradation and Inflammatory Regulation in Calcific Tendinopathy Using RNA Sequencing. <i>Calcified Tissue International</i> , 2020, 107, 489-498.	1.5	7
33	<i>Mangifera Indica</i> leaf extracts promote hair growth via activation of Wnt signaling pathway in human dermal papilla cells. <i>Animal Cells and Systems</i> , 2022, 26, 129-136.	0.8	7
34	Melittin-derived peptides exhibit variations in cytotoxicity and antioxidant, anti-inflammatory and allergenic activities. <i>Animal Cells and Systems</i> , 2022, 26, 158-165.	0.8	7
35	PPAR $\beta$ activation drives demethylation of the CpG islands of the Gadd45b promoter in the mouse liver. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 293-298.	1.0	6
36	SFPQ, a multifunctional nuclear protein, regulates the transcription of <i>PDE3A</i> . <i>Bioscience Reports</i> , 2017, 37, .	1.1	6

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37	Alternative splicing induces cytoplasmic localization of RBFOX2 protein in calcific tendinopathy. <i>Experimental and Molecular Pathology</i> , 2019, 109, 36-41.	0.9	6
38	RBFOX2-regulated <i>TEAD1</i> alternative splicing plays a pivotal role in Hippo-YAP signaling. <i>Nucleic Acids Research</i> , 2022, 50, 8658-8673.	6.5	6
39	Identification and characterization of the RNA-binding protein Rbfox3 in zebrafish embryo. <i>Biochemical and Biophysical Research Communications</i> , 2016, 472, 373-378.	1.0	5
40	Rbfox family proteins make the homo- and hetero-oligomeric complexes. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1022-1027.	1.0	5
41	Pulsed Electromagnetic Fields Stimulate Cellular Proliferation in Different Types of Cells. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-4.	1.2	4
42	Detoxification of Bee Venom Increases Its Anti-inflammatory Activity and Decreases Its Cytotoxicity and Allergenic Activity. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 4068-4082.	1.4	4
43	RBFOX3 regulates Claudin-1 expression in human lung tissue via attenuation of proteasomal degradation. <i>Bioscience Reports</i> , 2017, 37, .	1.1	3
44	Cudrania tricuspidata leaf extracts and its components, chlorogenic acid, kaempferol, and quercetin, increase claudin 1 expression in human keratinocytes, enhancing intercellular tight junction capacity. <i>Applied Biological Chemistry</i> , 2020, 63, .	0.7	3
45	Genome Size Estimation of Callipogon relictus Semenov (Coleoptera: Cerambycidae), an Endangered Species and a Korea Natural Monument. <i>Insects</i> , 2021, 12, 111.	1.0	2
46	Effects of Gouda cheese and <i>Allium hookeri</i> on thermogenesis in mice. <i>Food Science and Nutrition</i> , 2021, 9, 1232-1239.	1.5	2
47	Betaine, a component of Lycium chinense, enhances muscular endurance of mice and myogenesis of myoblasts. <i>Food Science and Nutrition</i> , 2021, 9, 5083-5091.	1.5	2
48	Brucite shows antibacterial activity <i>via</i> establishment of alkaline conditions. <i>RSC Advances</i> , 2021, 11, 18003-18008.	1.7	2
49	Spatiotemporal Associations between Local Safety Level Index and COVID-19 Infection Risks across Capital Regions in South Korea. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 824.	1.2	2
50	Non-canonical splice junction processing increases the diversity of RBFOX2 splicing isoforms. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 144, 106172.	1.2	2
51	Octyl syringate is preferentially cytotoxic to cancer cells via lysosomal membrane permeabilization and autophagic flux inhibition. <i>Cell Biology and Toxicology</i> , 2021, , 1.	2.4	1
52	In Vivo Crosslinking of Histone and RNA-Binding Proteins. <i>Methods in Molecular Biology</i> , 2020, 2161, 75-88.	0.4	1