

C-Yoon Kim

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,243
citations

516215

16
h-index

395343

33
g-index

55
all docs

55
docs citations

55
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of a B2M homozygous knockout human somatic cell nuclear transfer-derived embryonic stem cell line using the CRISPR/Cas9 system. <i>Stem Cell Research</i> , 2022, 59, 102643.	0.3	1
2	Digital selective transformation and patterning of highly conductive hydrogel bioelectronics by laser-induced phase separation. <i>Science Advances</i> , 2022, 8, .	4.7	63
3	Establishment of Neurotoxicity Assessment Using Microelectrode Array (MEA) with hiPSC-Derived Neurons and Evaluation of New Psychoactive Substances (NPS). <i>International Journal of Stem Cells</i> , 2022, 15, 258-269.	0.8	3
4	In vivo tracking of ¹⁴ C thymidine labeled mesenchymal stem cells using ultra-sensitive accelerator mass spectrometry. <i>Scientific Reports</i> , 2021, 11, 1360.	1.6	2
5	Albendazole exerts antiproliferative effects on prostate cancer cells by inducing reactive oxygen species generation. <i>Oncology Letters</i> , 2021, 21, 395.	0.8	17
6	Leaf-inspired homeostatic cellulose biosensors. <i>Science Advances</i> , 2021, 7, .	4.7	29
7	BAPTA, a calcium chelator, neuroprotects injured neurons in vitro and promotes motor recovery after spinal cord transection in vivo. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 919-929.	1.9	8
8	Development and validation of dual-cardiotoxicity evaluation method based on analysis of field potential and contractile force of human iPSC-derived cardiomyocytes / multielectrode assay platform. <i>Biochemical and Biophysical Research Communications</i> , 2021, 555, 67-73.	1.0	9
9	Production of Multiple Cellâ€Laden Microtissue Spheroids with a Biomimetic Hepaticâ€Lobuleâ€Like Structure. <i>Advanced Materials</i> , 2021, 33, e2102624.	11.1	28
10	Access to the Triplet Excited States of Heavy-Atom-Free Boron-Dipyrromethene Photosensitizers via Radical Pair Intersystem Crossing for Image-Guided Tumor-Targeted Photodynamic Therapy. <i>Chemistry of Materials</i> , 2021, 33, 7889-7896.	3.2	24
11	Production of Multiple Cellâ€Laden Microtissue Spheroids with a Biomimetic Hepaticâ€Lobuleâ€Like Structure (Adv. Mater. 36/2021). <i>Advanced Materials</i> , 2021, 33, 2170286.	11.1	0
12	Next-Generation Intestinal Toxicity Model of Human Embryonic Stem Cell-Derived Enterocyte-Like Cells. <i>Frontiers in Veterinary Science</i> , 2021, 8, 587659.	0.9	3
13	Phloretin Inhibits the Human Prostate Cancer Cells Through the Generation of Reactive Oxygen Species. <i>Pathology and Oncology Research</i> , 2020, 26, 977-984.	0.9	34
14	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
15	Anti-Inflammatory Effects of M-MSCs in DNCB-Induced Atopic Dermatitis Mice. <i>Biomedicines</i> , 2020, 8, 439.	1.4	10
16	Vitrification for cryopreservation of 2D and 3D stem cells culture using high concentration of cryoprotective agents. <i>BMC Biotechnology</i> , 2020, 20, 45.	1.7	13
17	Molecular Design of Highly Efficient Heavyâ€Atomâ€Free Triplet BODIPY Derivatives for Photodynamic Therapy and Bioimaging. <i>Angewandte Chemie</i> , 2020, 132, 9042-9047.	1.6	23
18	Molecular Design of Highly Efficient Heavyâ€Atomâ€Free Triplet BODIPY Derivatives for Photodynamic Therapy and Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8957-8962.	7.2	185

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19	Pimozide Inhibits the Human Prostate Cancer Cells Through the Generation of Reactive Oxygen Species. <i>Frontiers in Pharmacology</i> , 2020, 10, 1517.	1.6	18
20	Loss of glutathione peroxidase 3 induces ROS and contributes to prostatic hyperplasia in <i>Nkx3.1</i> knockout mice. <i>Andrology</i> , 2020, 8, 1486-1493.	1.9	6
21	Development and evaluation of next-generation cardiotoxicity assay based on embryonic stem cell-derived cardiomyocytes. <i>BMB Reports</i> , 2020, 53, 437-441.	1.1	2
22	Improved human hematopoietic reconstitution in HepaRG co-transplanted humanized NSG mice. <i>BMB Reports</i> , 2020, 53, 466-471.	1.1	3
23	Improved human hematopoietic reconstitution in HepaRG co-transplanted humanized NSG mice. <i>BMB Reports</i> , 2020, 53, 466-471.	1.1	1
24	Phenotyping analysis of p53 knockout mice produced by gene editing and comparison with conventional p53 knockout mice. <i>Genes and Genomics</i> , 2019, 41, 701-712.	0.5	3
25	Trimethyltin chloride induces reactive oxygen species-mediated apoptosis in retinal cells during zebrafish eye development. <i>Science of the Total Environment</i> , 2019, 653, 36-44.	3.9	31
26	Bridging the gap: Spinal cord fusion as a treatment of chronic spinal cord injury. , 2019, 10, 51.		10
27	Triclosan affects axon formation in the neural development stages of zebrafish embryos (<i>Danio</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 3.7 61		
28	Immunomodulatory effect of CD200-positive human placenta-derived stem cells in the early phase of stroke. <i>Experimental and Molecular Medicine</i> , 2018, 50, e425-e425.	3.2	29
29	An outbreak of toxoplasmosis in squirrel monkeys (<i>Saimiri sciureus</i>) in South Korea. <i>Journal of Medical Primatology</i> , 2018, 47, 238-246.	0.3	13
30	Development of an alternative zebrafish model for drug-induced intestinal toxicity. <i>Journal of Applied Toxicology</i> , 2018, 38, 259-273.	1.4	10
31	Mesenchymal stem cell-driven activatable photosensitizers for precision photodynamic oncotherapy. <i>Biomaterials</i> , 2018, 187, 18-26.	5.7	29
32	The Effect of Hexanoyl Glycol Chitosan on the Proliferation of Human Mesenchymal Stem Cells. <i>Polymers</i> , 2018, 10, 839.	2.0	8
33	A case of active incomplete biliary cirrhosis in an aged female Japanese macaque (<i>Macaca</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 0.8 0		
34	Two-Step Generation of Oligodendrocyte Progenitor Cells From Mouse Fibroblasts for Spinal Cord Injury. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 198.	1.8	9
35	Respiratory Toxicity of Polyhexamethylene Guanidine Phosphate Exposure in Zebrafish. <i>Zebrafish</i> , 2018, 15, 460-472.	0.5	12
36	The Bromodomain Inhibitor JQ1 Enhances the Responses to All-trans Retinoic Acid in HL-60 and MV4-11 Leukemia Cells. <i>International Journal of Stem Cells</i> , 2018, 11, 131-140.	0.8	13

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37	Improved Transfection Efficiency and Metabolic Activity in Human Embryonic Stem Cell Using Non-Enzymatic Method. International Journal of Stem Cells, 2018, 11, 149-156.	0.8	4
38	The Pharmacological Inhibition of ERK5 Enhances Apoptosis in Acute Myeloid Leukemia Cells. International Journal of Stem Cells, 2018, 11, 227-234.	0.8	8
39	Humanized Mice for the Evaluation of Francisella tularensis Vaccine Candidates. Journal of Microbiology and Biotechnology, 2018, 28, 157-164.	0.9	5
40	Effect of Graphene Nanoribbons (TexasPEG) on locomotor function recovery in a rat model of lumbar spinal cord transection. Neural Regeneration Research, 2018, 13, 1440.	1.6	16
41	Intact wound repair activity of human mesenchymal stem cells after YM155 mediated selective ablation of undifferentiated human embryonic stem cells. Journal of Dermatological Science, 2017, 86, 123-131.	1.0	11
42	Nanostructured Phthalocyanine Assemblies with Protein-Driven Switchable Photoactivities for Biophotonic Imaging and Therapy. Journal of the American Chemical Society, 2017, 139, 10880-10886.	6.6	296
43	Immunohistochemical evidence of axonal regrowth across polyethylene glycol-fused cervical cords in mice. Neural Regeneration Research, 2017, 12, 149.	1.6	13
44	First detection of West Nile virus in domestic pigeon in Korea. Journal of Veterinary Science, 2016, 17, 587.	0.5	15
45	Fusogen-assisted rapid reconstitution of anatomophysiological continuity of the transected spinal cord. Surgery, 2016, 160, 20-25.	1.0	24
46	Neurologic foundations of spinal cord fusion (GEMINI). Surgery, 2016, 160, 11-19.	1.0	36
47	Data set in support of neurotoxicity of trimethyltin chloride by morphological and protein analysis. Data in Brief, 2016, 6, 706-709.	0.5	2
48	Trimethyltin chloride inhibits neuronal cell differentiation in zebrafish embryo neurodevelopment. Neurotoxicology and Teratology, 2016, 54, 29-35.	1.2	18
49	A Synthetic Tul4 and FopA Peptide Cocktail of Francisella tularensis Induces Humoral and Cell-Mediated Immune Responses in Mice. Journal of Microbiology and Biotechnology, 2016, 26, 1613-1619.	0.9	5
50	GEMINI: Initial behavioral results after full severance of the cervical spinal cord in mice. , 2016, 7, 629.		12
51	Spinal cord fusion with PEG-GNRs (TexasPEG): Neurophysiological recovery in 24 hours in rats. , 2016, 7, 632.		14
52	Accelerated recovery of sensorimotor function in a dog submitted to quasi-total transection of the cervical spinal cord and treated with PEG. , 2016, 7, 637.		14
53	Detection and Molecular Characterization of Cryptosporidium spp. from Wild Rodents and Insectivores in South Korea. Korean Journal of Parasitology, 2015, 53, 737-743.	0.5	20
54	Use of neural 3D organoid with MEA in neurotoxicity testing: comparison to traditional in vitro cell culture and in vivo methods. Molecular and Cellular Toxicology, 0, , 1.	0.8	2