

C-Yoon Kim

List of Publications by Year in descending order

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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	Nanostructured Phthalocyanine Assemblies with Protein-Driven Switchable Photoactivities for Biophotonic Imaging and Therapy. <i>Journal of the American Chemical Society</i> , 2017, 139, 10880-10886.	6.6	296
2	Molecular Design of Highly Efficient Heavy-Atom-Free Triplet BODIPY Derivatives for Photodynamic Therapy and Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8957-8962.	7.2	185
3	Digital selective transformation and patterning of highly conductive hydrogel bioelectronics by laser-induced phase separation. <i>Science Advances</i> , 2022, 8, .	4.7	63
4	Triclosan affects axon formation in the neural development stages of zebrafish embryos (Danio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 61	3.7	61
5	Neurologic foundations of spinal cord fusion (GEMINI). <i>Surgery</i> , 2016, 160, 11-19.	1.0	36
6	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
7	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
8	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
9	Mesenchymal stem cell-driven activatable photosensitizers for precision photodynamic oncotherapy. <i>Biomaterials</i> , 2018, 187, 18-26.	5.7	29
10	Leaf-inspired homeostatic cellulose biosensors. <i>Science Advances</i> , 2021, 7, .	4.7	29
11	Production of Multiple Cell-Laden Microtissue Spheroids with a Biomimetic Hepatic-Lobule-Like Structure. <i>Advanced Materials</i> , 2021, 33, e2102624.	11.1	28
12	Fusogen-assisted rapid reconstitution of anatomophysiological continuity of the transected spinal cord. <i>Surgery</i> , 2016, 160, 20-25.	1.0	24
13	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
14	Molecular Design of Highly Efficient Heavy-Atom-Free Triplet BODIPY Derivatives for Photodynamic Therapy and Bioimaging. <i>Angewandte Chemie</i> , 2020, 132, 9042-9047.	1.6	23
15	Detection and Molecular Characterization of <i>Cryptosporidium</i> spp. from Wild Rodents and Insectivores in South Korea. <i>Korean Journal of Parasitology</i> , 2015, 53, 737-743.	0.5	20
16	Trimethyltin chloride inhibits neuronal cell differentiation in zebrafish embryo neurodevelopment. <i>Neurotoxicology and Teratology</i> , 2016, 54, 29-35.	1.2	18
17	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
18	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

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19	Albendazole exerts antiproliferative effects on prostate cancer cells by inducing reactive oxygen species generation. <i>Oncology Letters</i> , 2021, 21, 395.	0.8	17
20	Effect of Graphene Nanoribbons (TexasPEG) on locomotor function recovery in a rat model of lumbar spinal cord transection. <i>Neural Regeneration Research</i> , 2018, 13, 1440.	1.6	16
21	First detection of West Nile virus in domestic pigeon in Korea. <i>Journal of Veterinary Science</i> , 2016, 17, 587.	0.5	15
22	Spinal cord fusion with PEG-GNRs (TexasPEG): Neurophysiological recovery in 24 hours in rats. , 2016, 7, 632.		14
23	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
24	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
25	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
26	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
27	Immunohistochemical evidence of axonal regrowth across polyethylene glycol-fused cervical cords in mice. <i>Neural Regeneration Research</i> , 2017, 12, 149.	1.6	13
28	Respiratory Toxicity of Polyhexamethylene Guanidine Phosphate Exposure in Zebrafish. <i>Zebrafish</i> , 2018, 15, 460-472.	0.5	12
29	GEMINI: Initial behavioral results after full severance of the cervical spinal cord in mice. , 2016, 7, 629.		12
30	Intact wound repair activity of human mesenchymal stem cells after YM155 mediated selective ablation of undifferentiated human embryonic stem cells. <i>Journal of Dermatological Science</i> , 2017, 86, 123-131.	1.0	11
31	Development of an alternative zebrafish model for drug-induced intestinal toxicity. <i>Journal of Applied Toxicology</i> , 2018, 38, 259-273.	1.4	10
32	Anti-Inflammatory Effects of M-MSCs in DNCB-Induced Atopic Dermatitis Mice. <i>Biomedicines</i> , 2020, 8, 439.	1.4	10
33	Bridging the gap: Spinal cord fusion as a treatment of chronic spinal cord injury. , 2019, 10, 51.		10
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	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
36	The Effect of Hexanoyl Glycol Chitosan on the Proliferation of Human Mesenchymal Stem Cells. <i>Polymers</i> , 2018, 10, 839.	2.0	8

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37	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
38	The Pharmacological Inhibition of ERK5 Enhances Apoptosis in Acute Myeloid Leukemia Cells. <i>International Journal of Stem Cells</i> , 2018, 11, 227-234.	0.8	8
39	Loss of glutathione peroxidase 3 induces ROS and contributes to prostatic hyperplasia in <i>Nrx3.1</i> knockout mice. <i>Andrology</i> , 2020, 8, 1486-1493.	1.9	6
40	A Synthetic Tul4 and FopA Peptide Cocktail of <i>Francisella tularensis</i> Induces Humoral and Cell-Mediated Immune Responses in Mice. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1613-1619.	0.9	5
41	Humanized Mice for the Evaluation of <i>Francisella tularensis</i> Vaccine Candidates. <i>Journal of Microbiology and Biotechnology</i> , 2018, 28, 157-164.	0.9	5
42	Improved Transfection Efficiency and Metabolic Activity in Human Embryonic Stem Cell Using Non-Enzymatic Method. <i>International Journal of Stem Cells</i> , 2018, 11, 149-156.	0.8	4
43	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
44	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
45	Improved human hematopoietic reconstitution in HepaRG co-transplanted humanized NSG mice. <i>BMB Reports</i> , 2020, 53, 466-471.	1.1	3
46	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
47	Data set in support of neurotoxicity of trimethyltin chloride by morphological and protein analysis. <i>Data in Brief</i> , 2016, 6, 706-709.	0.5	2
48	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
49	Use of neural 3D organoid with MEA in neurotoxicity testing: comparison to traditional in vitro cell culture and in vivo methods. <i>Molecular and Cellular Toxicology</i> , 0, , 1.	0.8	2
50	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
51	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
52	Improved human hematopoietic reconstitution in HepaRG co-transplanted humanized NSG mice. <i>BMB Reports</i> , 2020, 53, 466-471.	1.1	1
53	A case of active incomplete biliary cirrhosis in an aged female Japanese macaque (<i>Macaca</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	0
54	Production of Multiple Cell-Laden Microtissue Spheroids with a Biomimetic Hepatic Lobule-Like Structure (Adv. Mater. 36/2021). <i>Advanced Materials</i> , 2021, 33, 2170286.	11.1	0